### **FINAL**

## **ANALYTICAL REPORT**

ETL PROJECT ID: 17-0412

2/24/2017 - Revision 0

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**CLIENT PROJECT NAME: CITY OF RAY CITY** 

**CLIENT PROJECT ID:** 

**FACILITY ID:** 

Enclosed are the analytical results for sample(s) received by Environmental Testing Laboratories on February 01, 2017. 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, 2017.

This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc. This report has been signed and authorized by the signatory using an electronic signature and is intended to be the legally binding equivalent of a traditionally handwritten signature.

Authorized for release by:



**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 quantitation limit.
- 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**



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 350.1

EPA 351.2

EPA 353.2 (Nitrate-Nitrite (N))

EPA 365.1 (Phosphorus -Total)

SM18 2540 C

Total Nitrogen



# **Sample Summary**

Laboratory Sample ID	Client Sample ID	Matrix	End Date / Time Sampled	Grab / Composite	Percent Moisture
208687	EFF	AQUEOUS-Wastewater	2/1/2017 7:30	G	

# **Executive Summary**

Analyte	Analytical Method	Result	Units	Qualifiers	Result Comments
EFF (208687)					
Nitrogen- Total Kjeldahl	EPA 351.2	4.6	mg/L		
Nitrogen- Total	Total Nitrogen	5.9	mg/L		
Nitrate-Nitrite (N)	EPA 353.2 (Nitrate-Nitrite (N))	1.3	mg/L		
Phosphorus- Total	EPA 365.1 (Phosphorus -Total)	1.5	mg/L		
Ammonia (N)	EPA 350.1	3.6	mg/L		
Residues- Filterable (TDS)	SM18 2540 C	130	mg/L		



# **Analytical Data**

Client Sample ID: EFF Laboratory Sample ID: 208687

Sample Location: Matrix: AQUEOUS-Wastewater

Date Collected: 02/01/2017 07:30 AM Percent Moisture:

### **General Chemistry**

Analyte	DF	Result	Qualifier	Units	MDL	PQL	Analysis Date
Ammonia (N)	2.0	3.6		mg/L	0.36	0.60	2/14/2017 11:13:00 AM
Nitrate-Nitrite (N)	1.0	1.3		mg/L	0.042	0.050	2/13/2017 10:28:00 AM
Nitrogen- Total	1.0	5.9		mg/L	0.10	0.20	2/13/2017 10:28:00 AM
Nitrogen- Total Kjeldahl	1.0	4.6		mg/L	0.24	0.50	2/10/2017 11:01:00 AM
Oil & Grease	1.0	1.4	U	mg/L	1.4	2.0	2/23/2017 9:35:00 AM
Phosphorus- Total	1.0	1.5		mg/L	0.023	0.050	2/8/2017 4:19:00 AM
Residues- Filterable (TDS)	1.0	130		mg/L	13	20	2/4/2017 10:00:00 AM

PQL: Practical Quantitation Limit MDL: Method Detection Limit DF: Dilution Factor



# **Data Chronicle**

Client Sample ID: EFF Laboratory Sample ID: 208687

Sample Location: Matrix: AQUEOUS-Wastewater

Date Collected: 02/01/2017 07:30 AM Percent Moisture:

Prep	Analysis	Analytical Method	Dilution	Batch	Prepared	Analyzed	Analyst	Lab
TOT	RES	EPA 1664 A	1.0	OGA022317	2/23/2017 9:35:00 AM	2/23/2017 9:35:00 AM	PE	E87684
TOT	RES	EPA 350.1	2.0	021417ANH3	2/13/2017 4:07:00 PM	2/14/2017 11:13:00 AM	GG	E87684
TOT	RES	EPA 351.2	1.0	021017ATKN		2/10/2017 11:01:00 AM	GG	E87684
TOT	RES	EPA 353.2 (Nitrate-Nitrite (N))	1.0	021317ANO23	2/13/2017 10:28:00 AM	2/13/2017 10:28:00 AM	GG	E87684
TOT	RES	EPA 365.1 (Phosphorus -Total)	1.0	020817BTP	2/3/2017 11:56:00 AM	2/8/2017 4:19:00 AM	GG	E87684
TOT	RES	SM18 2540 C	1.0	TDS020417	2/4/2017 10:00:00 AM	2/4/2017 10:00:00 AM	JE	E87684
ТОТ	RES	Total Nitrogen	1.0	TN021317	2/13/2017 10:28:00 AM	2/13/2017 10:28:00 AM	CALC	E87684



Preparation Bate Method Bate	ch ID: 02081 ch ID: M0208			Analysis	Method: EPA	365.1 (Pho	osphorus -Total)		•	tion Type: 365.1 tion Date:		
Analy	rte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	% REC High - Limit	%RPD	% RPD Lim
QA/QC Type: MB		Lab Sample ID:	020817BTPMB		Client S	Sample ID:	020817BTPMB		Date A	Analyzed: 2/8/2017 4	1:14:00 AM	
F	hosphorus- T	Total 0.023	0.050	0.023	U	mg/L						
QA/QC Type: LCS		Lab Sample ID:	020817BTPLCS		Client S	Sample ID:	020817BTPLCS		Date A	Analyzed: 2/8/2017 4	1:07:00 AM	
F	hosphorus- T	Total 0.023	0.050	2.37		mg/L	2.35	101	90	- 110		
QA/QC Type: LCSI	)	Lab Sample ID:	020817BTPLCSD		Client S	Sample ID:	020817BTPLCSD		Date A	Analyzed: 2/8/2017 4	MA 00:80:	
F	hosphorus- T	Total 0.023	0.050	2.38		mg/L	2.35	101	90	- 110	0.42	20
QA/QC Type: MS		Lab Sample ID:	020817BTPMS		Client S	Sample ID:	208723MS		Date A	Analyzed: 2/8/2017 4	1:24:00 AM	
F	hosphorus- T	Total 0.023	0.050	1.19		mg/L	1.00	106	90	- 110		
QA/QC Type: MSD		Lab Sample ID:	020817BTPMSD		Client S	Sample ID:	208723MSD		Date A	Analyzed: 2/8/2017 4	1:26:00 AM	
F	hosphorus- T	Total 0.023	0.050	1.19		mg/L	1.00	106	90	- 110	0	20
QA/QC Type: DUP		Lab Sample ID:	020817BTPDUP		Client S	Sample ID:	208723DUP		Date A	Analyzed: 2/8/2017 4	1:22:00 AM	
F	hosphorus- T	Total 0.023	0.050	0.13		mg/L					0	20
Comments:												
Preparation Bate	ch ID: 02101	7ATKN		Analysis	Method: EPA	351.2			Prepara	tion Type: 351.2		
Method Bate	ch ID: M0210	017ATKN							Prepara	tion Date:		
Analy	rte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	% REC High - Limit	%RPD	% RPD Limi
QA/QC Type: MB		Lab Sample ID:	021017ATKNMB		Client S	Sample ID:	021017ATKNMB		Date /	Analyzed: 2/10/2017	10:26:00 AN	Л
• •	en- Total Kjel	dahl 0.24	0.50	0.24	U	mg/L				,		
QA/QC Type: LCS		Lab Sample ID:	021017ATKNLCS		Client S	Sample ID:	021017ATKNLCS		Date A	Analyzed: 2/10/2017	10:19:00 AM	Л
Nitrog	en- Total Kjel	dahl 0.24	0.50	6.63		mg/L	7.15	92.7	90	- 110		
QA/QC Type: LCSI	)	Lab Sample ID:	021017ATKNLCSD		Client S	Sample ID:	021017ATKNLCSD		Date A	Analyzed: 2/10/2017	10:21:00 AM	Л
Nitrog	en- Total Kjel	dahl 0.24	0.50	6.65		mg/L	7.15	93.0	90	- 110	0.30	20



·	n Batch ID: 021017ATKI d Batch ID: M021017AT			Analysis	Method: EPA 3	351.2			Prepara Prepara		ype: 351.2 Pate:		
	Analyte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Lii
QA/QC Type:	MS Lab S	ample ID:	021017ATKNMS		Client Sa	ample ID:	208671MS		Date	Analy	zed: 2/10/2017	10:34:00 AM	1
	Nitrogen- Total Kjeldahl	0.24	0.50	6.26		mg/L	5.00	109	90	-	110		
QA/QC Type:	MSD Lab S	ample ID:	021017ATKNMSD		Client Sa	ample ID:	208671MSD		Date	Analy	zed: 2/10/2017	10:35:00 AM	1
	Nitrogen- Total Kjeldahl	0.24	0.50	6.31		mg/L	5.00	110	90	-	110	0.80	20
QA/QC Type:	DUP Lab S	ample ID:	021017ATKNDUP		Client Sa	ample ID:	208671DUP		Date	Analy	zed: 2/10/2017	10:33:00 AM	1
	Nitrogen- Total Kjeldahl	0.24	0.50	0.83		mg/L						0	20
comments:													
Preparation	n Batch ID: 021317ANO	23		Analysis	Method: EPA 3	353.2 (Nitra	ate-Nitrite (N))		Prepara	ation T	ype: Gen Prep	)	
Metho	d Batch ID: M021317AN	IO23							Prepara	ation D	ate: 2/13/2017	7 10:24:00 AN	M
	Analyte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Li
_	•		PQL 021317ANO23MB	Result	·		Spike Amount 021317ANO23MB	% REC	Limit	-	•		
	MB Lab Sa	ample ID: 0.042	021317ANO23MB 0.050	0.042	Client Sa	ample ID:	·	% REC	Limit	-	Limit		
_	MB Lab S	ample ID:	021317ANO23MB		Client Sa	ample ID:	·	% REC	Limit	-	Limit		
QA/QC Type:	MB Lab Son Nitrate-Nitrite (N) Nitrate (N)	ample ID: 0.042 0.042	021317ANO23MB 0.050	0.042	Client Sa U U	ample ID: mg/L mg/L	·	% REC	Limit Date	- Analy	Limit	10:24:00 AM	1
QA/QC Type:	MB Lab Son Nitrate-Nitrite (N) Nitrate (N)  LCS Lab Son Nitrate (N)	ample ID: 0.042 0.042 ample ID: 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050	0.042 0.042 2.02	Client Sa U U	ample ID: mg/L mg/L ample ID: mg/L	021317ANO23MB 021317ANO23LCS 2.04	99.0	Limit  Date  Date	- Analy	Limit zed: 2/13/2017 zed: 2/13/2017 110	10:24:00 AM	1
QA/QC Type:	MB Lab S  Nitrate-Nitrite (N)  Nitrate (N)  LCS Lab S  Nitrate (N)  Nitrate-Nitrite (N)	ample ID: 0.042 0.042 ample ID:	021317ANO23MB 0.050 0.050 021317ANO23LCS	0.042 0.042	Client Sa U U	ample ID: mg/L mg/L ample ID:	021317ANO23MB 021317ANO23LCS		Limit  Date	- Analy	Limit zed: 2/13/2017	10:24:00 AM	1
QA/QC Type:	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S	ample ID: 0.042 0.042 ample ID: 0.042 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050 0.050 021317ANO23LCSD	0.042 0.042 2.02 2.02	Client Sa U U Client Sa	ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID:	021317ANO23MB  021317ANO23LCS	99.0 99.0	Date  Date  90 90  Date	- Analy Analy -	Limit zed: 2/13/2017 zed: 2/13/2017 110 110 zed: 2/13/2017 zed: 2/13/2017	10:24:00 AM	1
QA/QC Type:	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S  Nitrate (N)	ample ID: 0.042 0.042 ample ID: 0.042 ample ID: 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050 0.050 021317ANO23LCSD 0.050	0.042 0.042 2.02 2.02	Client Sa U U Client Sa	ample ID: mg/L mg/L ample ID: mg/L ample ID: mg/L ample ID: mg/L	021317ANO23MB  021317ANO23LCS	99.0 99.0	Date 90 90 Date	- Analy Analy	Limit zed: 2/13/2017 zed: 2/13/2017 110 110 zed: 2/13/2017 110	10:24:00 AM 10:18:00 AM 10:20:00 AM 2.4	1 20
QA/QC Type:	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S	ample ID: 0.042 0.042 ample ID: 0.042 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050 0.050 021317ANO23LCSD	0.042 0.042 2.02 2.02	Client Sa U U Client Sa	ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID:	021317ANO23MB  021317ANO23LCS	99.0 99.0	Date  Date  90 90  Date	- Analy Analy -	Limit zed: 2/13/2017 zed: 2/13/2017 110 110 zed: 2/13/2017 zed: 2/13/2017	10:24:00 AM	1
QA/QC Type:  QA/QC Type:  QA/QC Type:	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S  Nitrate (N) Nitrate (N) Nitrate (N)	ample ID: 0.042 0.042 ample ID: 0.042 0.042 ample ID: 0.042 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050 0.050 021317ANO23LCSD 0.050	0.042 0.042 2.02 2.02	Client Sa U U Client Sa Client Sa	ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID: mg/L mg/L mg/L	021317ANO23MB  021317ANO23LCS	99.0 99.0	Date 90 90 Date 90 90 90	- Analy Analy	Limit  zed: 2/13/2017  zed: 2/13/2017  110  110  zed: 2/13/2017  110  110  zed: 2/13/2017	10:24:00 AM 10:18:00 AM 10:20:00 AM 2.4 2.4	1 20 20
QA/QC Type:  QA/QC Type:  QA/QC Type:	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S  Nitrate (N) Nitrate (N) Nitrate (N)	ample ID: 0.042 0.042 ample ID: 0.042 0.042 ample ID: 0.042 0.042	021317ANO23MB 0.050 0.050 021317ANO23LCS 0.050 0.050 021317ANO23LCSD 0.050 0.050	0.042 0.042 2.02 2.02	Client Sa U U Client Sa Client Sa	ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID: mg/L mg/L mg/L	021317ANO23MB  021317ANO23LCS	99.0 99.0	Date 90 90 Date 90 90 90	- Analy Analy	Limit zed: 2/13/2017  zed: 2/13/2017  110  110  zed: 2/13/2017  110  110	10:24:00 AM 10:18:00 AM 10:20:00 AM 2.4 2.4	1 20 20
_	MB Lab S  Nitrate-Nitrite (N) Nitrate (N)  LCS Lab S  Nitrate (N) Nitrate-Nitrite (N)  LCSD Lab S  Nitrate (N) Nitrate-Nitrite (N)  Nitrate-Nitrite (N)  MS Lab S  Nitrate-Nitrite (N)	ample ID:	021317ANO23MB	0.042 0.042 2.02 2.02 2.07 2.07	Client Sa U U Client Sa Client Sa	ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID: mg/L mg/L ample ID: mg/L	021317ANO23MB  021317ANO23LCS	99.0 99.0 101 101	Date 90 90 Date 90 Date	Analy Analy - Analy - Analy	Limit  zed: 2/13/2017  zed: 2/13/2017  110  110  zed: 2/13/2017  110  110  zed: 2/13/2017	10:24:00 AM 10:18:00 AM 2.4 2.4 10:31:00 AM	1 20 20



Preparation Batch Method Batch	ID: 021317ANO: ID: M021317AN			Analysis	Method: EPA	353.2 (Nitr	ate-Nitrite (N))		Prepara	tion E	ype: Gen Prep Pate: 2/13/2017		М
Analyte		MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Limit
QA/QC Type: DUP	Lab Sa	ample ID:	021317ANO23DUP		Client S	sample ID:	208979DUP		Date	Analy	zed: 2/13/2017	10:30:00 AN	Л
Ni	trate-Nitrite (N) Nitrate (N)	0.042 0.042	0.050 0.050	1.4 1.4		mg/L mg/L						0	20 20
Comments:													
Preparation Batch Method Batch	ID: 021417ANH; ID: M021417AN			Analysis	Method: EPA	350.1			Prepara Prepara		ype: Distillation	1	
Analyte		MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Limit
QA/QC Type: MB	Lab Sa	ample ID:	021417ANH3MB		Client S	sample ID:	021417ANH3MB		Date	Analy	zed: 2/14/2017	10:02:00 AN	1
	Ammonia (N)	0.18	0.30	0.18	U	mg/L							
QA/QC Type: LCS	Lab Sa	ample ID:	021417ANH3LCS		Client S	ample ID:	021417ANH3LCS		Date	Analy	zed: 2/14/2017	9:55:00 AM	
	Ammonia (N)	0.18	0.30	3.43		mg/L	3.30	104	90	-	110		
QA/QC Type: LCSD	Lab Sa	ample ID:	021417ANH3LCSD		Client S	ample ID:	021417ANH3LCSD		Date	Analy	zed: 2/14/2017	9:56:00 AM	
	Ammonia (N)	0.18	0.30	3.45		mg/L	3.30	105	90	-	110	0.58	20
QA/QC Type: MS	Lab Sa	ample ID:	021417ANH3MS		Client S	ample ID:	208712MS		Date	Analy	zed: 2/14/2017	10:11:00 AN	И
	Ammonia (N)	0.18	0.30	1.25		mg/L	1.00	106	90	-	110		
QA/QC Type: MSD	Lab Sa	ample ID:	021417ANH3MSD		Client S	ample ID:	208712MSD		Date	Analy	zed: 2/14/2017	10:13:00 AN	И
	Ammonia (N)	0.18	0.30	1.25		mg/L	1.00	106	90	-	110	0	20
QA/QC Type: DUP	Lab Sa	ample ID:	021417ANH3DUP		Client S	ample ID:	208712DUP		Date	Analy	zed: 2/14/2017	10:10:00 AN	Л
	Ammonia (N)	0.18	0.30	0.28	IS3	mg/L						38	20

### **Comments:**



Preparation Batch ID: OGA022317 Analysis Method: EPA 1664 A Preparation Type: No Prep Method Batch ID: MOGA022317 Preparation Date: 2/23/2017 9:35:00 AM % REC High % REC Low Analyte MDI PQI Result Qual Units Spike Amount % RFC I imit Limit %RPD % RPD Limit QA/QC Type: MB Client Sample ID: OGA022317MB Lab Sample ID: OGA022317MB Date Analyzed: 2/23/2017 9:35:00 AM Oil & Grease 1.4 2.0 1.4 mg/L QA/QC Type: LCS Lab Sample ID: OGA022317LCS Client Sample ID: OGA022317LCS Date Analyzed: 2/23/2017 9:35:00 AM 2.0 31.9 79.8 Oil & Grease 40.0 78 114 ma/L QA/QC Type: LCSD Lab Sample ID: OGA022317LCSD Client Sample ID: OGA022317LCSD Date Analyzed: 2/23/2017 9:35:00 AM Oil & Grease 2.0 31.7 mg/L 40.0 79.2 114 0.63 18 QA/QC Type: MS Lab Sample ID: OGA022317MS Client Sample ID: 209358MS Date Analyzed: 2/23/2017 9:35:00 AM Oil & Grease 1.4 2.0 34.3 mg/L 40.0 85.8 114 Date Analyzed: 2/23/2017 9:35:00 AM QA/QC Type: DUP Lab Sample ID: OGA022317DUP Client Sample ID: 209212DUP 2.0 140 7.4 18 Oil & Grease 1.4 mg/L **Comments:** Preparation Batch ID: TDS020417 Analysis Method: SM18 2540 C Preparation Type: No Prep Preparation Date: 2/4/2017 10:00:00 AM Method Batch ID: MTDS020417 % REC Low % REC High POL % RPD Limit Analyte MDL Units Spike Amount % REC I imit I imit %RPD Result Qual QA/QC Type: MB Lab Sample ID: TDS020417MB Client Sample ID: TDS020417MB Date Analyzed: 2/4/2017 10:00:00 AM Residues- Filterable (TDS) 13 mg/L QA/QC Type: LCS Lab Sample ID: TDS020417LCS Client Sample ID: TDS020417LCS Date Analyzed: 2/4/2017 10:00:00 AM Residues- Filterable (TDS) 500 120 475 mg/L 95.0 QA/QC Type: LCSD Client Sample ID: TDS020417LCSD Lab Sample ID: TDS020417LCSD Date Analyzed: 2/4/2017 10:00:00 AM Residues- Filterable (TDS) 20 485 500 97.0 120 2.1 20 mg/L QA/QC Type: DUP Lab Sample ID: TDS020417DUP Client Sample ID: 208749DUP Date Analyzed: 2/4/2017 10:00:00 AM Residues- Filterable (TDS) 20 1000 mg/L 20



**Comments:** 

## **Chain of Custody Record**

Company:	South	lanc	1 Com	olian	ne Sen	nices	Env	/iron	ment	al Tes	are the second second		oratories, Inc.	Page	1	of	
Address:	O Bo	(106	3 A	ashr		01316	9			ATORIES, mc.	Thor	masvill	le, GA 31792-4359 92 (telephone)	Project Name:	= RAY	Cit	7
Telephone	Number:	- / -		Telefax Num	ber:		E-9443.433.433	eti-inc	a margine brode as	ATOMINA III			94 (telefax)	Project Number:		/	
-	y [Print Name(s	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	2 <sup>n</sup> / -	1.7						Analys	es Req	uested		Project Manager:			
	0	ey t	tar	ion	_		3				7			Facility ID Numbe	r;		
Sampler(s	) Signature(s)	Du	ple	ules	n)_		7 Page	2	13	>	12t	SS		REQU	JESTED DU	E DATE	<u> </u>
Item No.	Field ID No.	50000	mple Time	Grab or Composite	Matrix (see Codes)	Number of Containers	200	1	M	M	That Nitrog	1		Remark	s	Lal	Number
1	FFE	Date 21117	730	6	WW	2	7	_2:1 	-	1	_			959453404		201	51087
7	FPF	211/	730	G	m		V	V	V	V	/						
3	FFF	215	730	G	WW	1						V				-	
																	10 11 - 17
	Shipment	Method		Total Numbe	r of Containers									← Preservatives	(see Codes)	ICE:	
Out	1 1	Via:		Item No.	Reling	uished by / A	Affiliation		D	ate		me	Accepted	by / Affiliation	Da	te /	Time
Returned	1 1	Via:			15/2				21	1117	10	<i>9</i> 0	Adag XC	ulin	0-1-1	7	1000
Additional	Comments:																
				Cooler	Number(s)	Temperature	a(s) (*C)		Sa	mpling l	Kit Num	ber	Receive	d in Lab By:		8	
				1 ~	A C				- 00	mpining i	at rain	-	31-00-1	KAT	7/11	V7	1828
MATRIX	CODES:	A = Air	GW	= Groundwa		2 SE = Sedime	nt nt	SO =	Soil	SI	W = Sur	face W	ater WW = W	astewater	O = Other (s		
	VATIVE CODES		drochloric aci		S = Sulfuric a		N = N				Sodiur			= Other (specify)			
	VATIVE CODES		THE RESERVE AND ADDRESS OF THE PARTY.		nol / Sodium	The state of the s			anol / D						17	nili	1
A	1/27	1	10 -	7 7	, —		21	°C					ETL	PROJECT NO.	Pāg	15 of	18'
P	H /:/	5 6	10 7	1 /mgl	Cler	1. gr	ا . ر										



# Project Receipt Summary

17-0412

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Project Name: CITY OF RAY CITY

Shipping and Receiving

			Commonte		
	4359	420317924359	pH Test Strip Lot:	pH Tes	
○ N/A	୍ର <b>୪</b>	<ul><li>Yes</li></ul>	ptable pH?	Were ageuous samples received at an acceptable pH?	
⊕ N/A	୍ - <mark>୪</mark>	O Yes	eadspace?	Were VOA vials received with zero headspace?	
ONA	ଃ	<ul><li>Yes</li></ul>	ling times?	Were samples received within method holding times?	
○ N/A	୍ ¥ଚ	<ul><li>Yes</li></ul>	equested?	Was sufficient volume submitted for analyses requested?	
○ N/A	ୁ	Yes	analyses?	Were samples received in appropriate bottleware for analyses?	×
			Container Receipt	Contair	
ONA		⊚ Yes ○ No	analyses?	Does the chain-of-custody agree with samples and analyses?	
O N/A	୍ <mark>୯</mark>	<ul><li>Yes</li></ul>	nquished?	Was the chain-of-custody signed and properly relinquished?	
○ N/A			coolers?	Was the chain-of-custody received in coolers?	
			Chain of Custody	Chain	
2.1	ratures:	Cooler Temperatures: 2.1	Co	Number of Coolers: 1	
ONIA	○ No	<ul><li>Yes</li></ul>		Thermometer ID: 160372413	
Were cooler temperatues in compliance? (0.1-6.0C)	nperatue	cooler ten	Were	Cooler Temp Method: Sample Temperature	1
		Эñ	Thermal Preservation	Thermal	
⊕ N/A	○ <b>N</b>	ି Yes		Shipping Tracking Number:	
If present, were sample bottle custody seals intact	sample l	sent, were	If pre	Shipping Method: Client Drop-Off	
⊚ N/A		○ Yes ○ No		Sampling Personnel: <u>JOEY HANON</u>	
It present, were cooler custody seals intact?	cooler ca	sent, were	erd II	Date/Time Received: 2/1/2017 3:25:00 PM	

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.

Dillan Gilliard



# **Project Receipt Summary**

17-0412

Project Sample Detail

Lab Sample ID	Client Sample ID	Watrix	SPLP	TRPH MaVPH SPLP Speciation MaEPH	MaVPH MaEPH
208687	EFF	AQUEOUS-Wastewater			
208687-E1 (NO2+NO3/TKN/TP/NH3)	3/TKN/TP/NH3)				
208687-E2 (Oil & Grease)	ise)				
208687-E3 (Oil & Grease)	ase)				
208687-E4 (TDS)					

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# Project Receipt Summary

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Project Bottle Count Summary

Container Type  Preservative Containers  1-L Amber Glass  HCL  HDPE Plastic  HOPE Plastic  NONE  Total  A
nber of stainers

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