

Biological Analysis Report

NW-DIST-2013-08-27-01

Florida Department of Environmental Protection
Central Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Overflow Analyses Performed By:
University of West Florida
11000 University Parkway
Pensacola, FL 32514
DOH Accreditation E71969

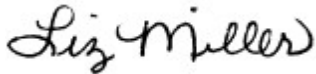
Event Description: **Project Greenshores**
Request ID: **RQ-2013-08-26-08**
Customer: **NW-DIST**
Project ID: **DISCRTNARY**

Send Reports to:
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Date Certified: 18-SEP-2013 09:34



Abbreviations and data remark codes

CERT # - NELAP (National Environmental Laboratory Accreditation Program) Certification Number of the laboratory that performed the analysis.

LCS – Laboratory Control Sample; in the QC Failures column, this notation indicates a batch recovery failure.

MS – Matrix Spike; in the QC Failures column, this notation indicates a batch recovery failure.

RPD – Relative Percent Difference; in the QC Failures column, this notation indicates a batch failure for precision.

CCV – Continuing Calibration Verification; in the QC Failures column, this notation indicates a failure of the calibration verification check sample.

SUR – Surrogate; in the QC Failures column, this notation indicates a recovery failure for the associated surrogate.

RSD – Relative Standard Deviation expressed as a percentage.

SMP – Sample.

** - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

A - Value reported is the mean of two or more determinations

B - Results based on colony counts outside the acceptable range.

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J - Estimated value

K - Actual value is known to be less than value given

L - Actual value is known to be greater than value given

N - Presumptive evidence of presence of material.

O - Sampled, but analysis lost or not performed.

Q - Sample held beyond normal holding time.

T - Value reported is less than the criterion of detection.

U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

V - Analyte was detected in both sample and method blank.

X - Too few individuals to calculate SCI value.

Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate

Z - Colonies were too numerous to count (TNTC).

Scientific notation may be used in reporting very large or small values. Values reported using scientific notation will take the form of the following example:
1.3E+03, which is equivalent to 1.3×10^3 or 1300.

Precision is reported as relative percent difference unless otherwise noted.

Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published test performance acceptance criteria.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

All sample collection performed by Bureau of Laboratories staff followed the field Standard Operating Procedures adopted by reference in Rule 62-160 FAC unless otherwise noted.

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

Results for NELAP accredited tests contained in this report meet the requirements specified by the National Environmental Laboratory Accreditation Conference (NELAC). All samples received were in acceptable condition and met NELAC requirements unless otherwise noted. Results generated in this report pertain to the samples collected and submitted for analysis.

Job: TLH-2013-08-27-27

Job: TLH-2013-08-27-30

Job: TLH-2013-08-27-33

Group: Chlorophyll/Grain Size/BOD

Group: Chlorophyll/Grain Size/BOD

Group: Overflow

Sample Location: 1/2 BRIDGE AND MUSCOGEE

Collection Date/Time: 08/26/2013 10:28 AM

Field ID: #2

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528871	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.91	I	mg/L	P257147	
1528887	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.9		ug/L	P257346	
		Phaeophytin-a	1.1	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.6			P257346	
		Chlorophyll-a, Uncorrected	6.8		ug/L	P257346	
1528908	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	4	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: 1/2 BRIDGE AND PORT

Collection Date/Time: 08/26/2013 11:10 AM

Field ID: #7

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528876	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P257148	
1528892	SM 10200 H (mod.)	Chlorophyll-a, Corrected	6.2		ug/L	P257346	
		Phaeophytin-a	1.1	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.6			P257346	
		Chlorophyll-a, Uncorrected	7.2		ug/L	P257346	
1528913	EPA 1600 (MF)	Enterococci-Membrane Filter	4	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	15	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: 1/2 MUSCOGEE AND HAWKSHAW 400FT FROM SHORE

Collection Date/Time: 08/26/2013 11:06 AM

Field ID: #6

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528875	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P257147	
1528891	SM 10200 H (mod.)	Chlorophyll-a, Corrected	7.3		ug/L	P257346	
		Phaeophytin-a	1.4	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.6			P257346	
		Chlorophyll-a, Uncorrected	8.5		ug/L	P257346	
1528912	EPA 1600 (MF)	Enterococci-Membrane Filter	12	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	21	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: 1/4 BETWEEN BRIDGE AND PORT 400FT FROM SHORE

Collection Date/Time: 08/26/2013 11:17 AM

Field ID: #12

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528881	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.2	I	mg/L	P257148	
1528897	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.5		ug/L	P257392	
		Phaeophytin-a	1.2	I	ug/L	P257392	

Field ID: #12

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528897	SM 10200 H (mod.)	Chlorophyll/Phaeophytin Ratio	1.6			P257392	
		Chlorophyll-a, Uncorrected	6.5		ug/L	P257392	
1528918	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	24	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Laboratory duplicate result is 0.99 l mg/L. Precision data is unavailable due to the small amount of analyte in the QC sample. Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: 100FT S. OF STORM DRAIN

Collection Date/Time: 08/26/2013 10:43 AM

Field ID: #4

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528873	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P257147	
1528889	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.4		ug/L	P257346	
		Phaeophytin-a	0.65	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.6			P257346	
		Chlorophyll-a, Uncorrected	4.9		ug/L	P257346	
1528910	EPA 1600 (MF)	Enterococci-Membrane Filter	10	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	42	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: BETWEEN MARINA AND OUTFALL

Collection Date/Time: 08/26/2013 11:32 AM

Field ID: #10

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528879	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	I	mg/L	P257148	
1528895	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.2		ug/L	P257346	
		Phaeophytin-a	1.5		ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.5			P257346	
		Chlorophyll-a, Uncorrected	6.3		ug/L	P257346	
1528916	EPA 1600 (MF)	Enterococci-Membrane Filter	10	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	19	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: EAST OF PRIMARY STORM DRAIN

Collection Date/Time: 08/26/2013 10:36 AM

Field ID: #3

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528872	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.0	I	mg/L	P257147	
1528888	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.0		ug/L	P257346	
		Phaeophytin-a	0.96	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.6			P257346	
		Chlorophyll-a, Uncorrected	5.8		ug/L	P257346	
1528909	EPA 1600 (MF)	Enterococci-Membrane Filter	10	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	24	B	cfu/100 mL		

Field ID: #3

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: EAST OF STORMDRAIN INSIDE PGS2

Collection Date/Time: 08/26/2013 12:00 PM

Field ID: #14

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1528883	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.4	I	mg/L	P257148	
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1528899	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.6		ug/L	P257392	
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		Phaeophytin-a	2.2		ug/L	P257392	
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		Chlorophyll/Phaeophytin Ratio	1.5			P257392	
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		Chlorophyll-a, Uncorrected	6.1		ug/L	P257392	
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1528920	EPA 1600 (MF)	Enterococci-Membrane Filter	22	B	cfu/100 mL		
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	SM 9222 D	Fecal Coliforms-Membrane Filter	23	B	cfu/100 mL		
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Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: END OF CHASE ST.

Collection Date/Time: 08/26/2013 10:50 AM

Field ID: #5

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1528874	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P257147	
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1528890	SM 10200 H (mod.)	Chlorophyll-a, Corrected	3.6	A	ug/L	P257346	
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		Phaeophytin-a	0.92	I	ug/L	P257346	
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		Chlorophyll/Phaeophytin Ratio	1.6	A		P257346	
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		Chlorophyll-a, Uncorrected	4.3	A	ug/L	P257346	
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1528911	EPA 1600 (MF)	Enterococci-Membrane Filter	12	B	cfu/100 mL		
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	SM 9222 D	Fecal Coliforms-Membrane Filter	46		cfu/100 mL		
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Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

SM 10200 H (mod.): Laboratory duplicate result is 0.86 I for Phaeophytin-a. Precision data is unavailable due to the small amount of analyte in the QC sample.

Sample Location: ENTRANCE OF MARINA

Collection Date/Time: 08/26/2013 11:26 AM

Field ID: #11

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1528880	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.2	I	mg/L	P257148	
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1528896	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.7		ug/L	P257346	
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		Phaeophytin-a	2.0		ug/L	P257346	
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		Chlorophyll/Phaeophytin Ratio	1.5			P257346	
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		Chlorophyll-a, Uncorrected	7.1		ug/L	P257346	
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1528917	EPA 1600 (MF)	Enterococci-Membrane Filter	12	B	cfu/100 mL		
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	SM 9222 D	Fecal Coliforms-Membrane Filter	183		cfu/100 mL		
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Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: INSIDE HAWKSHAW LAGOON

Collection Date/Time: 08/26/2013 11:50 AM

Field ID: #13

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528882	SM 5210 B	Biochemical Oxygen Demand-5 Day	2.5		mg/L	P257148	
1528898	SM 10200 H (mod.)	Chlorophyll-a, Corrected	14		ug/L	P257392	
		Phaeophytin-a	3.3		ug/L	P257392	
		Chlorophyll/Phaeophytin Ratio	1.6			P257392	
		Chlorophyll-a, Uncorrected	17		ug/L	P257392	
1528919	EPA 1600 (MF)	Enterococci-Membrane Filter	8	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	237		cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: RANGE MARKER E. OF TEXAR

Collection Date/Time: 08/26/2013 10:16 AM

Field ID: #1

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528870	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P257147	
1528886	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.8		ug/L	P257346	
		Phaeophytin-a	1.9		ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.5			P257346	
		Chlorophyll-a, Uncorrected	7.2		ug/L	P257346	
1528907	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: WEST END OF HAWKSHAW

Collection Date/Time: 08/26/2013 11:41 AM

Field ID: #9

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528878	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.97	I	mg/L	P257148	
1528894	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.6		ug/L	P257346	
		Phaeophytin-a	1.5		ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.5			P257346	
		Chlorophyll-a, Uncorrected	5.7		ug/L	P257346	
1528915	EPA 1600 (MF)	Enterococci-Membrane Filter	4	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	22	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: WEST OF STORM DRAIN, INSIDE ROCK

Collection Date/Time: 08/26/2013 10:59 AM

Field ID: #8

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528877	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.81	I	mg/L	P257148	
1528893	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.4		ug/L	P257346	
		Phaeophytin-a	1.3	I	ug/L	P257346	
		Chlorophyll/Phaeophytin Ratio	1.5			P257346	
		Chlorophyll-a, Uncorrected	5.3		ug/L	P257346	
1528914	EPA 1600 (MF)	Enterococci-Membrane Filter	18	B	cfu/100 mL		

Field ID: #8

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1528914	SM 9222 D	Fecal Coliforms-Membrane Filter	66		cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Quality Assurance Report Method Blank Results

Reference Method: SM 10200 H (mod.)

Batch ID: P257346

Component	Result	Code	Units
Chlorophyll-a, Corrected	0.55	U	ug/L
Chlorophyll-a, Uncorrected	0.40	U	ug/L
Phaeophytin-a	0.40	U	ug/L

Reference Method: SM 10200 H (mod.)

Batch ID: P257392

Component	Result	Code	Units
Chlorophyll-a, Corrected	0.62	U	ug/L
Chlorophyll-a, Uncorrected	0.45	U	ug/L
Phaeophytin-a	0.45	U	ug/L

Reference Method: SM 5210 B

Batch ID: P257147

Component	Result	Code	Units
Biochemical Oxygen Demand-5 Day	0.33	I	mg/L

Reference Method: SM 5210 B

Batch ID: P257148

Component	Result	Code	Units
Biochemical Oxygen Demand-5 Day	0.21	I	mg/L

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 10200 H (mod.)

Batch ID: P257346

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	102		P	85 - 115

Reference Method: SM 10200 H (mod.)

Batch ID: P257392

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	104		P	85 - 115

Reference Method: SM 5210 B

Batch ID: P257147

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Biochemical Oxygen Demand-5 Day	106		P	84 - 116

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 5210 B
Batch ID: P257148

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Biochemical Oxygen Demand-5 Day	93.4		P	84 - 116

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)
Batch ID: P257346

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1528890	Chlorophyll/Phaeophytin Ratio	6.45	Sample	P	0 - 25
1528890	Chlorophyll-a, Corrected	12.6	Sample	P	0 - 25
1528890	Chlorophyll-a, Uncorrected	10.1	Sample	P	0 - 25

Reference Method: SM 10200 H (mod.)
Batch ID: P257392

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1529067	Chlorophyll/Phaeophytin Ratio	0.0	Sample	P	0 - 25
1529067	Chlorophyll-a, Corrected	5.41	Sample	P	0 - 25
1529067	Chlorophyll-a, Uncorrected	5.54	Sample	P	0 - 25

* Sample, spike and/or laboratory control sample precision (LCS) is reported.
Replicate spike precision may be reported when sample results are below quantifiable levels.

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery	LCS	Precision SMP	MS
SM 10200 H (mod.)	Chlorophyll/Phaeophytin Ratio				6.45	
	Chlorophyll/Phaeophytin Ratio				0.0	
	Chlorophyll-a, Corrected	102			12.6	
	Chlorophyll-a, Corrected	104			5.41	
	Chlorophyll-a, Uncorrected				10.1	
	Chlorophyll-a, Uncorrected				5.54	
SM 5210 B	Biochemical Oxygen Demand-5 Day	106				
	Biochemical Oxygen Demand-5 Day	93.4				
	Biochemical Oxygen Demand-5 Day					

Reference Method Descriptions

Method / NELAC Cert. #	Description
EPA 1600 (MF) / E71969	Enterococci by membrane filter method by UWF Overflow Laboratory for NWD

Associated Samples

1528907, 1528908, 1528909, 1528910, 1528911, 1528912, 1528913, 1528914, 1528915, 1528916, 1528917, 1528918, 1528919, 1528920

Reference Method Descriptions

Method / NELAC Cert. #	Description	Associated Samples
SM 10200 H (mod.) / E31780	Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	1528886, 1528887, 1528888, 1528889, 1528890, 1528891, 1528892, 1528893, 1528894, 1528895, 1528896, 1528897, 1528898, 1528899
SM 5210 B / E31780	BOD, NOT nitrogen-inhibited	1528870, 1528871, 1528872, 1528873, 1528874, 1528875, 1528876, 1528877, 1528878, 1528879, 1528880, 1528881, 1528882, 1528883
SM 9222 D / E71969	Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD	1528907, 1528908, 1528909, 1528910, 1528911, 1528912, 1528913, 1528914, 1528915, 1528916, 1528917, 1528918, 1528919, 1528920

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 1600 (MF)	08/26/2013			08/26/2013 15:12	UWF Lab	1528907
	08/26/2013			08/26/2013 15:15	UWF Lab	1528908
	08/26/2013			08/26/2013 15:18	UWF Lab	1528909
	08/26/2013			08/26/2013 15:21	UWF Lab	1528910
	08/26/2013			08/26/2013 15:24	UWF Lab	1528911
	08/26/2013			08/26/2013 15:27	UWF Lab	1528912
	08/26/2013			08/26/2013 15:30	UWF Lab	1528913
	08/26/2013			08/26/2013 15:33	UWF Lab	1528914
	08/26/2013			08/26/2013 15:38	UWF Lab	1528915
	08/26/2013			08/26/2013 15:44	UWF Lab	1528916
	08/26/2013			08/26/2013 15:47	UWF Lab	1528917
	08/26/2013			08/26/2013 15:50	UWF Lab	1528918
	08/26/2013			08/26/2013 15:56	UWF Lab	1528919
	08/26/2013			08/26/2013 15:59	UWF Lab	1528920
SM 10200 H (mod.)	08/27/2013	08/27/2013 13:40	Meiqin Chen	09/04/2013	Meiqin Chen	1528886, 1528887, 1528888, 1528889, 1528890, 1528891, 1528892, 1528893, 1528894, 1528895, 1528896, 1528897, 1528898, 1528899
SM 5210 B	08/27/2013			08/28/2013 08:10	Jonathan M. Woods	1528870, 1528871, 1528872, 1528873, 1528874, 1528875, 1528876, 1528877, 1528878, 1528879, 1528880, 1528881, 1528882, 1528883
SM 9222 D	08/26/2013			08/26/2013 15:06	UWF Lab	1528907
	08/26/2013			08/26/2013 15:09	UWF Lab	1528908
	08/26/2013			08/26/2013 15:12	UWF Lab	1528909
	08/26/2013			08/26/2013 15:15	UWF Lab	1528910
	08/26/2013			08/26/2013 15:18	UWF Lab	1528911
	08/26/2013			08/26/2013 15:21	UWF Lab	1528912
	08/26/2013			08/26/2013 15:25	UWF Lab	1528913
	08/26/2013			08/26/2013 15:28	UWF Lab	1528914
	08/26/2013			08/26/2013 15:34	UWF Lab	1528915
	08/26/2013			08/26/2013 15:40	UWF Lab	1528916
	08/26/2013			08/26/2013 15:43	UWF Lab	1528917
	08/26/2013			08/26/2013 15:46	UWF Lab	1528918
	08/26/2013			08/26/2013 15:52	UWF Lab	1528919
	08/26/2013			08/26/2013 15:56	UWF Lab	1528920