

Biological Analysis Report

NW-DIST-2012-05-22-03

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

Overflow Analyses Performed By:
University of West Florida
11000 University Parkway
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DOH Accreditation E71969

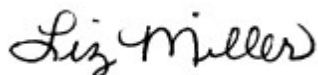
Event Description: **Project Greenshores**
Request ID: **RQ-2012-05-21-26**
Customer: **NW-DIST**
Project ID: **DISCRTNARY**

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Date Certified: 07-JUN-2012 14:30



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-2012-05-22-29

Job: TLH-2012-05-22-30

Job: TLH-2012-05-22-31

Group: Chlorophyll/Grain Size/BOD

Group: Chlorophyll/Grain Size/BOD

Group: Overflow

Sample Location: PEN BAY @ 1/2 BTW BRIDGE AND MUSCOGEE

Collection Date/Time: 05/21/2012 10:27 AM

Field ID: 2

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430192	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430206	SM 10200 H (mod.)	Chlorophyll-a, Corrected	1.8		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.8			P240320	
		Chlorophyll-a, Uncorrected	1.8		ug/L	P240320	
1430220	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ 1/2 BTW BRIDGE AND PORT

Collection Date/Time: 05/21/2012 11:06 AM

Field ID: 7

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430197	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430211	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.8			P240320	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P240320	
1430225	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ 100 FT , SOUTH OF STORM DRAIN **Collection Date/Time: 05/21/2012 10:43 AM**

Field ID: 4

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430194	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.5	IJ	mg/L	P240256	
1430208	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P240320	
1430222	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ BTW HAWKSHAW AND MUSCOGEE

Collection Date/Time: 05/21/2012 12:39 PM

Field ID: 6

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430196	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.0	IJ	mg/L	P240256	

Field ID: 6

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430210	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.9		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.9		ug/L	P240320	
1430224	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ EAST OF PRIMARY DRAIN

Collection Date/Time: 05/21/2012 10:33 AM

Field ID: 3

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430193	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.6	IJ	mg/L	P240256	
1430207	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.7		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.7		ug/L	P240320	
1430221	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	4	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ ENTRANCE OF MARINA

Collection Date/Time: 05/21/2012 11:20 AM

Field ID: 11

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430201	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430215	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.1		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.8			P240320	
		Chlorophyll-a, Uncorrected	2.1		ug/L	P240320	
1430229	EPA 1600 (MF)	Enterococci-Membrane Filter	4	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	2	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY @ RANGE MARKER E OF TEXAR

Collection Date/Time: 05/21/2012 10:16 AM

Field ID: 1

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430191	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430205	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.3		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.8			P240320	
		Chlorophyll-a, Uncorrected	4.3		ug/L	P240320	

Field ID: 1

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430219	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY 1/4 BTW BRIDGE AND PORT 400 FT FROM SHORE **Collection Date/Time: 05/21/2012 11:13 AM**

Field ID: 12

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430202	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.86	IJ	mg/L	P240256	
1430216	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P240415	
		Phaeophytin-a	0.40	U	ug/L	P240415	
		Chlorophyll/Phaeophytin Ratio	1.8			P240415	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P240415	
1430230	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY BTW MARINA AND OUT FALL **Collection Date/Time: 05/21/2012 11:25 AM**

Field ID: 10

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430200	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.94	IJ	mg/L	P240256	
1430214	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P240320	
1430228	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	U	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY EAST OF STORM DRAIN INSIDE PGS SITE 2 **Collection Date/Time: 05/21/2012 11:50 AM**

Field ID: 14

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430204	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.5	IJ	mg/L	P240257	
1430218	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.8		ug/L	P240415	
		Phaeophytin-a	0.40	U	ug/L	P240415	
		Chlorophyll/Phaeophytin Ratio	1.6			P240415	
		Chlorophyll-a, Uncorrected	3.1		ug/L	P240415	
1430232	EPA 1600 (MF)	Enterococci-Membrane Filter	10	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	6	B	cfu/100 mL		

Field ID: 14

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: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 75 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm. Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: PEN BAY END OF CHASE STREET

Collection Date/Time: 05/21/2012 11:00 AM

Field ID: 5

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1430195	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.6	IJ	mg/L	P240256	
1430209	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P240320	
1430223	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: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY INSIDE HAWKSHAW

Collection Date/Time: 05/21/2012 11:45 AM

Field ID: 13

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1430203	SM 5210 B	Biochemical Oxygen Demand-5 Day	3.9	J	mg/L	P240256	
1430217	SM 10200 H (mod.)	Chlorophyll-a, Corrected	10		ug/L	P240415	
		Phaeophytin-a	4.2		ug/L	P240415	
		Chlorophyll/Phaeophytin Ratio	1.5			P240415	
		Chlorophyll-a, Uncorrected	13		ug/L	P240415	
1430231	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	2	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY WEST END OF HAWKSHAW 100 FT SOUTH OF OUT FALL

Collection Date/Time: 05/21/2012 11:33 AM

Field ID: 9

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
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1430199	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430213	SM 10200 H (mod.)	Chlorophyll-a, Corrected	1.9		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.0		ug/L	P240320	
1430227	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	1	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Sample Location: PEN BAY WEST OF STORM DRAIN INSIDE ROCKS

Collection Date/Time: 05/21/2012 10:51 AM

Field ID: 8

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1430198	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	IJ	mg/L	P240256	
1430212	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P240320	
		Phaeophytin-a	0.40	U	ug/L	P240320	
		Chlorophyll/Phaeophytin Ratio	1.7			P240320	
		Chlorophyll-a, Uncorrected	2.4		ug/L	P240320	
1430226	EPA 1600 (MF)	Enterococci-Membrane Filter	6	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	4	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Results are J-qualified due to a GGA Control failure. GGA Control Sample result was 96 ppm. The control sample acceptance limits are 198 +/- 30.5 ppm.

Quality Assurance Report Method Blank Results

Reference Method: SM 10200 H (mod.)

Batch ID: P240320

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: P240415

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 5210 B

Batch ID: P240256

Component	Result	Code	Units
Biochemical Oxygen Demand-5 Day	0.20	U	mg/L

Reference Method: SM 5210 B

Batch ID: P240257

Component	Result	Code	Units
Biochemical Oxygen Demand-5 Day	0.43	I	mg/L

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)

Batch ID: P240320

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1430136	Chlorophyll/Phaeophytin Ratio	0.0	Sample	P	0 - 25

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)
Batch ID: P240320

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1430136	Chlorophyll-a, Uncorrected	6.01	Sample	P	0 - 25
1430136	Phaeophytin-a	0.801	Sample	P	0 - 25

Reference Method: SM 10200 H (mod.)
Batch ID: P240415

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1430443	Chlorophyll/Phaeophytin Ratio	0.0	Sample	P	0 - 25
1430443	Chlorophyll-a, Corrected	3.12	Sample	P	0 - 25
1430443	Chlorophyll-a, Uncorrected	3.20	Sample	P	0 - 25

Reference Method: SM 5210 B
Batch ID: P240256

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1430158	Biochemical Oxygen Demand-5 Day	17.3	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				0.0	
	Chlorophyll/Phaeophytin Ratio				0.0	
	Chlorophyll-a, Corrected				3.12	
	Chlorophyll-a, Uncorrected				6.01	
	Chlorophyll-a, Uncorrected				3.20	
	Phaeophytin-a				0.801	
SM 5210 B	Biochemical Oxygen Demand-5 Day				17.3	

Reference Method Descriptions

Method / NELAC Cert. #	Description	Associated Samples
EPA 1600 (MF) / E71969	Enterococci by membrane filter method by UWF Overflow Laboratory for NWD	1430219, 1430220, 1430221, 1430222, 1430223, 1430224, 1430225, 1430226, 1430227, 1430228, 1430229, 1430230, 1430231, 1430232
SM 10200 H (mod.) / E31780	Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	1430205, 1430206, 1430207, 1430208, 1430209, 1430210, 1430211, 1430212, 1430213, 1430214, 1430215, 1430216, 1430217, 1430218
SM 5210 B / E31780	BOD, NOT nitrogen-inhibited	1430191, 1430192, 1430193, 1430194, 1430195, 1430196, 1430197, 1430198, 1430199, 1430200, 1430201, 1430202, 1430203, 1430204

Reference Method Descriptions

Method / NELAC Cert. #	Description	<u>Associated Samples</u>
SM 9222 D / E71969	Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD	1430219, 1430220, 1430221, 1430222, 1430223, 1430224, 1430225, 1430226, 1430227, 1430228, 1430229, 1430230, 1430231, 1430232

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 1600 (MF)	05/21/2012			05/21/2012 16:02	UWF Lab	1430219
	05/21/2012			05/21/2012 16:05	UWF Lab	1430220
	05/21/2012			05/21/2012 16:08	UWF Lab	1430221
	05/21/2012			05/21/2012 16:11	UWF Lab	1430222
	05/21/2012			05/21/2012 16:14	UWF Lab	1430223
	05/21/2012			05/21/2012 16:17	UWF Lab	1430224
	05/21/2012			05/21/2012 16:20	UWF Lab	1430225
	05/21/2012			05/21/2012 16:23	UWF Lab	1430226
	05/21/2012			05/21/2012 16:29	UWF Lab	1430227
	05/21/2012			05/21/2012 16:32	UWF Lab	1430228
	05/21/2012			05/21/2012 16:35	UWF Lab	1430229
	05/21/2012			05/21/2012 16:41	UWF Lab	1430230
	05/21/2012			05/21/2012 16:44	UWF Lab	1430231
	05/21/2012			05/21/2012 16:47	UWF Lab	1430232
SM 10200 H (mod.)	05/22/2012	05/22/2012 13:20	Meiqin Chen	05/29/2012	Meiqin Chen	1430205, 1430206, 1430207, 1430208, 1430209, 1430210, 1430211, 1430212, 1430213, 1430214, 1430215
	05/22/2012	05/22/2012 13:20	Meiqin Chen	05/30/2012	Jacqueline Savage	1430216, 1430217, 1430218
SM 5210 B	05/22/2012			05/23/2012 08:15	Jonathan M. Woods	1430191, 1430192, 1430193, 1430194, 1430195, 1430196, 1430197, 1430198, 1430199, 1430200, 1430201, 1430202, 1430203, 1430204
SM 9222 D	05/21/2012			05/21/2012 16:08	UWF Lab	1430219
	05/21/2012			05/21/2012 16:11	UWF Lab	1430220
	05/21/2012			05/21/2012 16:13	UWF Lab	1430221
	05/21/2012			05/21/2012 16:16	UWF Lab	1430222
	05/21/2012			05/21/2012 16:20	UWF Lab	1430223
	05/21/2012			05/21/2012 16:24	UWF Lab	1430224
	05/21/2012			05/21/2012 16:27	UWF Lab	1430225
	05/21/2012			05/21/2012 16:31	UWF Lab	1430226
	05/21/2012			05/21/2012 16:38	UWF Lab	1430227
	05/21/2012			05/21/2012 16:42	UWF Lab	1430228
	05/21/2012			05/21/2012 16:46	UWF Lab	1430229
	05/21/2012			05/21/2012 16:54	UWF Lab	1430230
	05/21/2012			05/21/2012 16:57	UWF Lab	1430231
	05/21/2012			05/22/2012 17:01	UWF Lab	1430232