

Biological Analysis Report

NW-DIST-2012-11-27-01

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
Pensacola, FL 32514
DOH Accreditation E71969

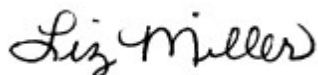
Event Description: **Project Greenshores**
Request ID: **RQ-2012-11-19-08**
Customer: **NW-DIST**
Project ID: **DISCRTNARY**

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Certified by: Elizabeth Miller, Environmental Manager

Date Certified: 13-DEC-2012 10:05



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-2012-11-27-09

Job: TLH-2012-11-27-11

Job: TLH-2012-11-27-12

Group: Chlorophyll/Grain Size/BOD

Group: Chlorophyll/Grain Size/BOD

Group: Overflow

Sample Location: 1/2 BETWEEN BRIDGE AND PORT

Collection Date/Time: 11/26/2012 10:53 AM

Field ID: 7

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469668	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.75	I	mg/L	P247097	
1469688	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.5		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.4		ug/L	P247162	
1469702	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	6	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 MUSCOGEE

Collection Date/Time: 11/26/2012 10:23 AM

Field ID: 2

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469663	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.0	I	mg/L	P247097	
1469683	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.7			P247162	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P247162	
1469697	EPA 1600 (MF)	Enterococci-Membrane Filter	6	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	12	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 400 FT FROM

Collection Date/Time: 11/26/2012 11:55 AM

Field ID: 6

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469667	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.5	I	mg/L	P247097	
1469687	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P247162	
1469701	EPA 1600 (MF)	Enterococci-Membrane Filter	4	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	5	B	cfu/100 mL		

Ref. Method and Comment:

SM 5210 B: Laboratory duplicate result is 1.1 I 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: 1/4 BETWEEN BRIDGE AND PORT

Collection Date/Time: 11/26/2012 11:00 AM

Field ID: 12

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469673	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.0	I	mg/L	P247097	
1469693	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P247398	
		Phaeophytin-a	0.50	U	ug/L	P247398	

Field ID: 12

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469693	SM 10200 H (mod.)	Chlorophyll/Phaeophytin Ratio	1.8			P247398	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P247398	
1469707	EPA 1600 (MF)	Enterococci-Membrane Filter	2	U	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	2	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: 100 FT S . OF STORM DRAIN

Collection Date/Time: 11/26/2012 10:35 AM

Field ID: 4

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469665	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P247097	
1469685	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.1		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.1		ug/L	P247162	
1469699	EPA 1600 (MF)	Enterococci-Membrane Filter	4	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: BETWEEN MARINA / OUTFALL

Collection Date/Time: 11/26/2012 11:15 AM

Field ID: 10

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469671	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	I	mg/L	P247097	
1469691	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P247162	
1469705	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: E. OF PRIMARY STORM DRAIN

Collection Date/Time: 11/26/2012 10:30 AM

Field ID: 3

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469664	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.9	I	mg/L	P247097	
1469684	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.4		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P247162	
1469698	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: EAST OF STORMDRAIN INSIDE PGS II

Collection Date/Time: 11/26/2012 11:45 AM

Field ID: 14

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469675	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.5	I	mg/L	P247097	
1469695	SM 10200 H (mod.)	Chlorophyll-a, Corrected	1.8	I	ug/L	P247398	
		Phaeophytin-a	0.45	U	ug/L	P247398	
		Chlorophyll/Phaeophytin Ratio	1.6			P247398	
		Chlorophyll-a, Uncorrected	2.1		ug/L	P247398	
1469709	EPA 1600 (MF)	Enterococci-Membrane Filter	8	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: END OF CHASE ST.

Collection Date/Time: 11/26/2012 10:45 AM

Field ID: 5

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469666	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.2	I	mg/L	P247097	
1469686	SM 10200 H (mod.)	Chlorophyll-a, Corrected	1.6	I	ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	1.6		ug/L	P247162	
1469700	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: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: ENTRANCE OF MARINA

Collection Date/Time: 11/26/2012 11:09 AM

Field ID: 11

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469672	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.4	I	mg/L	P247097	
1469692	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.1		ug/L	P247162	
1469706	EPA 1600 (MF)	Enterococci-Membrane Filter	72		cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	76		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: INSIDE HAWKSHAW LAGOON

Collection Date/Time: 11/26/2012 11:35 AM

Field ID: 13

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469674	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.3	I	mg/L	P247097	
1469694	SM 10200 H (mod.)	Chlorophyll-a, Corrected	6.7		ug/L	P247398	
		Phaeophytin-a	5.1		ug/L	P247398	
		Chlorophyll/Phaeophytin Ratio	1.4			P247398	

Field ID: 13

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469694	SM 10200 H (mod.)	Chlorophyll-a, Uncorrected	10		ug/L	P247398	
1469708	EPA 1600 (MF)	Enterococci-Membrane Filter	380		cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	240		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: PENSACOLA BAY RANGE E OF TEXAR

Collection Date/Time: 11/26/2012 10:11 AM

Field ID: 1

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469662	SM 5210 B	Biochemical Oxygen Demand-5 Day	2.4		mg/L	P247097	
1469682	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.3		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.2		ug/L	P247162	
1469696	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: Dilution water blank exceeds method limit of 0.20 mg/L but is within laboratory historical limit of 0.50 mg/L.

Sample Location: W. END OF HAWKSHAW 100FT S. OF OUTFALL

Collection Date/Time: 11/26/2012 11:22 AM

Field ID: 9

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469670	SM 5210 B	Biochemical Oxygen Demand-5 Day	0.74	I	mg/L	P247097	
1469690	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.1		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	2.1		ug/L	P247162	
1469704	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	7	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 STORMDRAIN, INSIDE ROCKS

Collection Date/Time: 11/26/2012 10:40 AM

Field ID: 8

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1469669	SM 5210 B	Biochemical Oxygen Demand-5 Day	1.1	I	mg/L	P247097	
1469689	SM 10200 H (mod.)	Chlorophyll-a, Corrected	1.8		ug/L	P247162	
		Phaeophytin-a	0.40	U	ug/L	P247162	
		Chlorophyll/Phaeophytin Ratio	1.8			P247162	
		Chlorophyll-a, Uncorrected	1.7		ug/L	P247162	
1469703	EPA 1600 (MF)	Enterococci-Membrane Filter	2	B	cfu/100 mL		
	SM 9222 D	Fecal Coliforms-Membrane Filter	5	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.

Quality Assurance Report Method Blank Results

Reference Method: SM 10200 H (mod.)
Batch ID: P247162

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: P247398

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: P247097

Component	Result	Code	Units
Biochemical Oxygen Demand-5 Day	0.48	I	mg/L

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)
Batch ID: P247162

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1469545	Chlorophyll/Phaeophytin Ratio	0.0	Sample	P	0 - 25
1469545	Chlorophyll-a, Corrected	1.70	Sample	P	0 - 25
1469545	Chlorophyll-a, Uncorrected	0.849	Sample	P	0 - 25
1469545	Phaeophytin-a	5.31	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-a, Corrected				1.70	
	Chlorophyll-a, Uncorrected				0.849	
	Phaeophytin-a				5.31	

Reference Method Descriptions

Method / NELAC Cert. # Description

Associated Samples

Reference Method Descriptions

Method / NELAC Cert. #	Description	Associated Samples
EPA 1600 (MF) / E71969	Enterococci by membrane filter method by UWF Overflow Laboratory for NWD	1469696, 1469697, 1469698, 1469699, 1469700, 1469701, 1469702, 1469703, 1469704, 1469705, 1469706, 1469707, 1469708, 1469709
SM 10200 H (mod.) / E31780	Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	1469682, 1469683, 1469684, 1469685, 1469686, 1469687, 1469688, 1469689, 1469690, 1469691, 1469692, 1469693, 1469694, 1469695
SM 5210 B / E31780	BOD, NOT nitrogen-inhibited	1469662, 1469663, 1469664, 1469665, 1469666, 1469667, 1469668, 1469669, 1469670, 1469671, 1469672, 1469673, 1469674, 1469675
SM 9222 D / E71969	Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD	1469696, 1469697, 1469698, 1469699, 1469700, 1469701, 1469702, 1469703, 1469704, 1469705, 1469706, 1469707, 1469708, 1469709

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 1600 (MF)	11/26/2012			11/26/2012 14:52	UWF Lab	1469696
	11/26/2012			11/26/2012 14:55	UWF Lab	1469697
	11/26/2012			11/26/2012 14:58	UWF Lab	1469698
	11/26/2012			11/26/2012 15:01	UWF Lab	1469699
	11/26/2012			11/26/2012 15:07	UWF Lab	1469700
	11/26/2012			11/26/2012 15:10	UWF Lab	1469701
	11/26/2012			11/26/2012 15:13	UWF Lab	1469702
	11/26/2012			11/26/2012 15:18	UWF Lab	1469703
	11/26/2012			11/26/2012 15:21	UWF Lab	1469704
	11/26/2012			11/26/2012 15:24	UWF Lab	1469705
	11/26/2012			11/26/2012 15:30	UWF Lab	1469706
	11/26/2012			11/26/2012 15:33	UWF Lab	1469707
	11/26/2012			11/26/2012 15:36	UWF Lab	1469708
	11/26/2012			11/26/2012 15:39	UWF Lab	1469709
SM 10200 H (mod.)	11/27/2012	11/27/2012 14:05	Meiqin Chen	12/03/2012	Meiqin Chen	1469682, 1469683, 1469684, 1469685, 1469686, 1469687, 1469688, 1469689, 1469690, 1469691, 1469692
SM 5210 B	11/27/2012	11/27/2012 14:05	Meiqin Chen	12/04/2012	Meiqin Chen	1469693, 1469694, 1469695
	11/27/2012			11/28/2012 08:05	Jonathan M. Woods	1469662, 1469663, 1469664, 1469665, 1469666, 1469667, 1469668, 1469669, 1469670, 1469671, 1469672, 1469673, 1469674, 1469675
SM 9222 D	11/26/2012			11/26/2012 14:20	UWF Lab	1469696
	11/26/2012			11/26/2012 14:26	UWF Lab	1469697
	11/26/2012			11/26/2012 14:31	UWF Lab	1469698
	11/26/2012			11/26/2012 14:38	UWF Lab	1469699
	11/26/2012			11/26/2012 14:42	UWF Lab	1469700
	11/26/2012			11/26/2012 14:45	UWF Lab	1469701
	11/26/2012			11/26/2012 14:49	UWF Lab	1469702
	11/26/2012			11/26/2012 14:55	UWF Lab	1469703
	11/26/2012			11/26/2012 14:59	UWF Lab	1469704
	11/26/2012			11/26/2012 15:02	UWF Lab	1469705
	11/26/2012			11/26/2012 15:09	UWF Lab	1469706
	11/26/2012			11/26/2012 15:13	UWF Lab	1469707
	11/26/2012			11/26/2012 15:16	UWF Lab	1469708
	11/26/2012			11/26/2012 15:20	UWF Lab	1469709