

Chemical Analysis Report

WTRSHD-MGT-2012-02-08-01

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

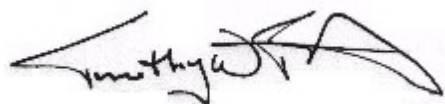
Event Description: **SPRG1201**
Request ID: **RQ-2012-02-06-41**
Customer: **WTRSHD-MGT**
Project ID: **SPG_QTR_WQ**

Send Reports to:
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Certified by: Timothy Fitzpatrick, Program Administrator

Date Certified: 23-FEB-2012 15:08

A handwritten signature in black ink, appearing to read "Timothy Fitzpatrick", with a stylized flourish at the end.

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.

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).

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-2012-02-08-28

Group: Nutrients

Job: TLH-2012-02-08-29

Group: Metals

Job: TLH-2012-02-08-30

Group: Pesticides

Sample Location: 6989

Collection Date/Time: 02/07/2012 10:06 AM

Field ID: APOPKA (GOURDNECK) SPRING

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Failures
1407287	EPA 180.1 Rev. 2.0	Turbidity	0.25		NTU	P235820	
	EPA 300.0 Rev. 2.1	Chloride	15		mg Cl/L	P235983	
		Sulfate	12		mg SO4/L	P235985	
	SM 2120 B	Color (true)	2.5	U	PCU	P235814	
	SM 2320 B-97	Alkalinity	87		mg CaCO3/L	P235953	
	SM 2540 C-97	TDS	167		mg/L	P236161	
1407288	EPA 350.1 Rev. 2.0	Ammonia-N	0.010	U	mg N/L	P235880	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.099	I	mg N/L	P236015	
	EPA 353.2 Rev. 2.0	NO2NO3-N	3.9		mg N/L	P235941	
	EPA 365.1 Rev. 2.0	Total-P	0.033		mg P/L	P235997	
	SM 5310 B-00	Organic Carbon	1.0	U	mg C/L	P235864	
1407289	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.033		mg P/L	P235827	
1407290	EPA 200.7 Rev. 4.4	Boron	23	I	ug/L	P236031	
		Calcium	32.8		mg/L	P236031	
		Magnesium	8.55		mg/L	P236031	
		Potassium	1.5		mg/L	P236031	
		Sodium	6.6		mg/L	P236031	
1407291	DEP SOP: LC-001-2 (based on EPA 8321B)	Sucralose**	0.047	I	ug/L	P236053	

Ref. Method and Comment:

DEP SOP: LC-001-2 (based on EPA 8321B): Sucralose result confirmed in re-extraction.

Quality Assurance Report Method Blank Results

Reference Method: DEP SOP: LC-001-2 (based on EPA 8321B)

Batch ID: P236053

Component	Result	Code	Units
Sucralose	0.010	U	ug/L

Reference Method: EPA 180.1 Rev. 2.0

Batch ID: P235820

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P236031

Component	Result	Code	Units
Boron	15	U	ug/L
Calcium	0.075	U	mg/L
Magnesium	0.040	U	mg/L
Potassium	0.30	U	mg/L
Sodium	0.50	U	mg/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235983

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235985

Component	Result	Code	Units
Sulfate	0.20	U	mg SO ₄ /L

Reference Method: EPA 350.1 Rev. 2.0

Batch ID: P235880

Component	Result	Code	Units
Ammonia-N	0.010	U	mg N/L

Reference Method: EPA 351.2 Rev. 2.0

Batch ID: P236015

Component	Result	Code	Units
Kjeldahl Nitrogen	0.080	U	mg N/L

Reference Method: EPA 353.2 Rev. 2.0

Batch ID: P235941

Component	Result	Code	Units
NO ₂ NO ₃ -N	0.004	U	mg N/L

Reference Method: EPA 365.1 Rev. 2.0

Batch ID: P235997

Component	Result	Code	Units
Total-P	0.004	U	mg P/L

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Batch ID: P235827

Component	Result	Code	Units
O-Phosphate-P	0.004	U	mg P/L

Reference Method: SM 2120 B

Batch ID: P235814

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: SM 2320 B-97

Batch ID: P235953

Component	Result	Code	Units
Alkalinity	0.65	U	mg CaCO ₃ /L

Quality Assurance Report

Method Blank Results

Reference Method: SM 2540 C-97

Batch ID: P236161

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 5310 B-00

Batch ID: P235864

Component	Result	Code	Units
Organic Carbon	1.0	U	mg C/L

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: DEP SOP: LC-001-2 (based on EPA 8321B)

Batch ID: P236053

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Sucralose	67.1	72.0	P/P	40 - 130

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P236031

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Boron	96.8		P	85 - 115
Calcium	103		P	85 - 115
Magnesium	102		P	85 - 115
Potassium	104		P	85 - 115
Sodium	98.1		P	85 - 115

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235983

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chloride	97.5		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235985

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Sulfate	92.9		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Batch ID: P235880

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	101		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Batch ID: P236015

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	97.6		P	90 - 110

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 353.2 Rev. 2.0

Batch ID: P235941

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
NO2NO3-N	102		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Batch ID: P235997

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total-P	108		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Batch ID: P235827

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	99.8		P	90 - 110

Reference Method: SM 2320 B-97

Batch ID: P235953

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Alkalinity	98.2		P	85 - 115

Reference Method: SM 5310 B-00

Batch ID: P235864

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	97.7		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: DEP SOP: LC-001-2 (based on EPA 8321B)

Batch ID: P236053

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407239	Sucralose	82.9	85.4	P/P	40 - 130

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P236031

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1406008	Boron	103	105	P/P	80 - 120
1406008	Calcium	97.4		P	80 - 120
1406008	Magnesium	99.3		P	80 - 120
1406008	Potassium	104	103	P/P	80 - 120
1406008	Sodium	106	105	P/P	80 - 120
1406400	Boron	103		P	80 - 120
1406400	Calcium	98.2		P	80 - 120
1406400	Magnesium	97.4		P	80 - 120
1406400	Potassium	103		P	80 - 120
1406400	Sodium	104		P	80 - 120

Quality Assurance Report

Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235983

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1406717	Chloride	94.7		P	90 - 110
1406764	Chloride	95.5	93.0	P/P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235985

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1406717	Sulfate	94.6		P	90 - 110
1406764	Sulfate	92.7	93.5	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Batch ID: P235880

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407279	Ammonia-N	99.4	102	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Batch ID: P236015

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407288	Kjeldahl Nitrogen	96.3	104	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Batch ID: P235941

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407380	NO2NO3-N	102	99.5	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Batch ID: P235997

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407254	Total-P	98.4	103	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Batch ID: P235827

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407289	O-Phosphate-P	97.0	101	P/P	90 - 110

Reference Method: SM 5310 B-00

Batch ID: P235864

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1407254	Organic Carbon	99.0	99.1	P/P	85 - 115

Quality Assurance Report

Precision

Quality Assurance Report Precision

Reference Method: DEP SOP: LC-001-2 (based on EPA 8321B)

Batch ID: P236053

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407239	Sucralose	3.78	Spike	P	0 - 40
LFB	Sucralose	7.05	LCS	P	0 - 40

Reference Method: EPA 180.1 Rev. 2.0

Batch ID: P235820

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407278	Turbidity	4.29	Sample	P	0 - 20

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P236031

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1406008	Boron	1.86	Spike	P	0 - 20
1406008	Calcium	2.67	Sample	P	0 - 20
1406008	Magnesium	1.30	Sample	P	0 - 20
1406008	Potassium	1.47	Spike	P	0 - 20
1406008	Sodium	3.60	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235983

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1406764	Chloride	1.47	Spike	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1

Batch ID: P235985

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1406764	Sulfate	0.625	Spike	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0

Batch ID: P235880

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407279	Ammonia-N	2.02	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0

Batch ID: P236015

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407288	Kjeldahl Nitrogen	6.90	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: EPA 353.2 Rev. 2.0

Batch ID: P235941

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407380	NO2NO3-N	1.52	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0

Batch ID: P235997

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407254	Total-P	3.49	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Batch ID: P235827

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407289	O-Phosphate-P	2.95	Spike	P	0 - 20

Reference Method: SM 2120 B

Batch ID: P235814

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407233	Color (true)	0.486	Sample	P	0 - 20

Reference Method: SM 2320 B-97

Batch ID: P235953

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407609	Alkalinity	0.116	Sample	P	0 - 20
1407671	Alkalinity	0.487	Sample	P	0 - 20

Reference Method: SM 2540 C-97

Batch ID: P236161

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407600	TDS	5.43	Sample	P	0 - 10

Reference Method: SM 5310 B-00

Batch ID: P235864

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1407254	Organic Carbon	0.0736	Spike	P	0 - 20

* 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 Surrogates

Quality Assurance Report Surrogates

Lab Sample ID: 1407291

Field Sample ID: APOPKA (GOURDNECK) SPRING

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
DEP SOP: LC-001-2 (based on EPA 8321B)	Sucralose-d6	79.4	P	40 - 150

Quality Assurance Report Calibration Verification

Reference Method: SM 2120 B

Run ID: A43440

Included Lab Sample IDs: 1407287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	99.9	99.0	P/P	85 - 115

Reference Method: EPA 180.1 Rev. 2.0

Run ID: A43444

Included Lab Sample IDs: 1407287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	100	103	P/P	95 - 105

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Run ID: A43447

Included Lab Sample IDs: 1407289

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	98.0	97.0	P/P	90 - 110

Reference Method: SM 5310 B-00

Run ID: A43463

Included Lab Sample IDs: 1407288

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	100	101	P/P	85 - 115

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A43473

Included Lab Sample IDs: 1407288

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	97.5	100	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A43501

Included Lab Sample IDs: 1407288

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	103	103	P/P	90 - 110

Quality Assurance Report

Calibration Verification

Reference Method: SM 2320 B-97

Run ID: A43505

Included Lab Sample IDs: 1407287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Alkalinity	100	97.7	P/P	85 - 115

Reference Method: EPA 300.0 Rev. 2.1

Run ID: A43521

Included Lab Sample IDs: 1407287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	99.0	98.5	P/P	90 - 110
Sulfate	96.1	96.8	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A43527

Included Lab Sample IDs: 1407288

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.6	99.0	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A43533

Included Lab Sample IDs: 1407288

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	93.6	98.0	P/P	90 - 110

Reference Method: EPA 200.7 Rev. 4.4

Run ID: A43543

Included Lab Sample IDs: 1407290

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Boron	97.5	98.0	P/P	90 - 110
Calcium	104	102	P/P	90 - 110
Magnesium	99.3	100	P/P	90 - 110
Potassium	104	103	P/P	90 - 110
Sodium	102	101	P/P	90 - 110

Reference Method: DEP SOP: LC-001-2 (based on EPA 8321B)

Run ID: A43556

Included Lab Sample IDs: 1407291

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Sucralose	87.6	96.9	P/P	70 - 140

* Pass/Fail determinations are made for each bracketing calibration verification check.

Control limits for initial calibration checks may be different from those for continuing checks, depending on method requirements.

Where they are different, both control limits are provided.

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery		MS % Recovery			Precision		
							LCS	SMP	MS
DEP SOP: LC-001-2 (based on EPA 8321B)	Sucralose	67.1	72.0	82.9	85.4		7.05		3.78
EPA 180.1 Rev. 2.0	Turbidity							4.29	
EPA 200.7 Rev. 4.4	Boron	96.8		103	105	103			1.86
	Calcium	103		97.4	98.2			2.67	
	Magnesium	102		99.3	97.4			1.30	
	Potassium	104		104	103	103			1.47
	Sodium	98.1		106	105	104		3.60	
EPA 300.0 Rev. 2.1	Chloride	97.5		95.5	93.0	94.7			1.47
	Sulfate	92.9		92.7	93.5	94.6			0.625
EPA 350.1 Rev. 2.0	Ammonia-N	101		99.4	102				2.02
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	97.6		96.3	104				6.90
EPA 353.2 Rev. 2.0	NO ₂ NO ₃ -N	102		102	99.5				1.52
EPA 365.1 Rev. 2.0	Total-P	108		98.4	103				3.49
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	99.8		97.0	101				2.95
SM 2120 B	Color (true)							0.486	
SM 2320 B-97	Alkalinity	98.2						0.487	
								0.116	
SM 2540 C-97	TDS							5.43	
SM 5310 B-00	Organic Carbon	97.7		99.0	99.1				0.0736

Reference Method Descriptions

Method / NELAC Cert. #	Description
DEP SOP: LC-001-2 (based on EPA 8321B) / E31780	Analysis of sucralose in water matrices by HPLC/MS/MS
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices
EPA 200.7 Rev. 4.4 / E31780	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
EPA 300.0 Rev. 2.1 / E31780	Chloride in aqueous matrices
EPA 300.0 Rev. 2.1 / E31780	Sulfate in aqueous matrices
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
SM 2120 B / E31780	True Color measured at 450 nm or Apparent Color
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO ₃ /L
SM 2540 C-97 / E31780	Total Dissolved Solids in aqueous matrices
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
DEP SOP: LC-001-2 (based on EPA 8321B)	02/08/2012	02/09/2012	Hoor Shaik	02/10/2012	S. M. Reddy	1407291
EPA 180.1 Rev. 2.0	02/08/2012			02/08/2012 18:33	Yijie Li	1407287
EPA 200.7 Rev. 4.4	02/08/2012	02/08/2012	Elliott D. Healy	02/14/2012	Elisa J Lutz	1407290
EPA 300.0 Rev. 2.1	02/08/2012			02/11/2012	Gary Dearman	1407287
EPA 350.1 Rev. 2.0	02/08/2012			02/10/2012	Diana M. Dunbar	1407288
EPA 351.2 Rev. 2.0	02/08/2012	02/09/2012	Bryan A. Werth	02/14/2012	Bryan A. Werth	1407288
EPA 353.2 Rev. 2.0	02/08/2012			02/13/2012	Sima Feizi	1407288
EPA 365.1 Rev. 2.0	02/08/2012	02/13/2012	Megan E. Faircloth	02/14/2012	Megan E. Faircloth	1407288
EPA 365.1 Rev. 2.0 dissolved	02/08/2012			02/08/2012 15:09	Pallavi R. Gadwal	1407289
SM 2120 B	02/08/2012			02/08/2012 14:26	Rochelle Y Jackson	1407287
SM 2320 B-97	02/08/2012			02/13/2012	Dale L. Simmons	1407287
SM 2540 C-97	02/08/2012			02/13/2012	Yijie Li	1407287
SM 5310 B-00	02/08/2012			02/09/2012	Rochelle Y Jackson	1407288