Chemical Analysis Report

NW-DIST-2016-09-07-01

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

Event Description: **Project Greenshores**
Request ID: **RQ-2016-09-05-57**
Customer: **NW-DIST**
Project ID: **DISTRICT**

Send Reports to:
FL Dept. of Environmental Protection
160 Government Center
Suite 308
Pensacola, FL 32502-5794
Attn: Cheryl Bunch

For additional information please contact
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Liang-Tsair Lin, Ph.D.
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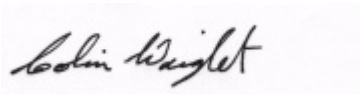
Certified by: Colin Wright, Environmental Administrator

Date Certified: 26-SEP-2016 16:14



NON-CONFORMANCE REPORT INCLUDED

Case Narrative

Unless otherwise noted, all samples included in this report were received in accordance with protocols referenced in Chapter 62-160, Florida Administrative Code (F.A.C.). Results published in this report pertain only to the samples as submitted to, and received by the laboratory. All times in this report are adjusted to the applicable Eastern Time Zone (EST or EDT).

Results for the following analytical group are included in this report: Nutrients.

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.

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.

Results for TNI accredited tests met requirements established by The NELAC Institute. A double asterisk (**) is used to indicate an analyte/matrix/method for which the laboratory is not TNI accredited or where accreditation for that field of testing is not applicable.

Any significant anomalies or deviations from established protocols are documented in Non-Conformance Reports, which, where appropriate, are included within this analytical report. Additional comments related to specific analytical tests may be included as remarks following the analytical results for each sample. Such comments and remarks are for informational purposes only and are not intended to convey judgement about the usability of the reported data.

A quality control report on the performance of the test method for the submitted samples is included. Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published quality control acceptance limits for each analytical test. Matrix quality control results (matrix spike recoveries and matrix sample precision) pertain only to the matrix sample tested and do not necessarily reflect test method performance for other samples.

Typical matrix quality control (QC) measurements may include matrix spike recovery, matrix spike duplicate recovery, matrix spike precision and matrix sample precision. Not all matrix QC results may be available or reportable; where they are not an explanation is provided. Typical reasons for unavailable QC results include, but are not limited to, a) insufficient matrix sample to perform some or all QC measurements; b) analyte concentration in the sample replicated was too low for a meaningful measurement of precision and c) analyte concentration in the matrix sample spiked was too high (relative to the amount of analyte spiked) for a meaningful measurement of recovery. Where matrix QC results are unavailable, other method performance metrics (e.g., LCS recovery, LCS precision, surrogate recovery) may be used to assess performance of the method. Comments explaining any missing QC measurements are not intended to convey any adverse conclusions about the quality of the reported data.

Precision is reported as relative percent difference unless otherwise noted.

Quality Control codes as defined below may be used in this report to indicate results that are associated with one or more quality control elements which did not fall within established test method criteria. Such results may be qualified as estimates using a J qualifier as required by 62-160 F.A.C. Explanations are included in the report for any results that were reported as estimates for other reasons.

QC Codes used in this report may include:

LCS – Recovery for the batch Laboratory Control Sample (LCS) was outside existing control limits;
MS – Recovery for the batch matrix spike (MS) was outside existing control limits;
CCV – Recovery for a continuing calibration verification (CCV) standard was outside existing control limits;
SUR – Recovery of a surrogate (SUR) for associated analytes was outside existing control limits;
RPD – The precision, measured as relative percent difference (RPD), of batch replicate measurements was outside existing control limits;
RSD – The precision, measured as relative standard deviation (RSD), of batch replicate measurements was outside existing control limits;
SMP – Sample - used precision derived from replicate analyses of a sample;

The following data qualifiers are used, where applicable, in this report as specified in 62-160 F.A.C.

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 and/or the analysis did not meet established quality control criteria.
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).

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.

Sample Location: RANGE MARKER EAST OF TEXAR **Collection Date/Time: 09/06/2016 10:39**

Field ID: 1 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829287	EPA 180.1 Rev. 2.0	Turbidity	2.0		NTU	P310766	
	SM 2120 B	Color (true)	4.6	I	PCU	P310749	
	SM 2540 D-97	TSS	8	I	mg/L	P311296	
1829293	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.49		mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.005	I	mg N/L	P311334	
	EPA 365.1 Rev. 2.0	Total-P	0.013		mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: 1/2 BRIDGE AND MUSCOGEE **Collection Date/Time: 09/06/2016 10:54**

Field ID: 2 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829288	EPA 180.1 Rev. 2.0	Turbidity	1.5	A	NTU	P310767	
	SM 2120 B	Color (true)	6.6		PCU	P310749	
	SM 2540 D-97	TSS	5	I	mg/L	P311296	
1829294	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.40		mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.007	I	mg N/L	P311334	
	EPA 365.1 Rev. 2.0	Total-P	0.011		mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: EAST OF PRIMARY STORM DRAIN PGS1 **Collection Date/Time: 09/06/2016 11:02**

Field ID: 3 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829289	EPA 180.1 Rev. 2.0	Turbidity	1.1		NTU	P310767	
	SM 2120 B	Color (true)	4.8	I	PCU	P310749	
	SM 2540 D-97	TSS	3	I	mg/L	P311296	
1829295	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.40	I	mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.005	I	mg N/L	P311334	
	EPA 365.1 Rev. 2.0	Total-P	0.012		mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: 100 FT SOUTH OF OUTFALL **Collection Date/Time: 09/06/2016 11:07**

Field ID: 4 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829290	EPA 180.1 Rev. 2.0	Turbidity	1.2		NTU	P310767	
	SM 2120 B	Color (true)	4.0	I	PCU	P310749	

Field ID: 4 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829290	SM 2540 D-97	TSS	6	I	mg/L	P311296	
1829296	EPA 350.1 Rev. 2.0	Ammonia-N	0.022		mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.56		mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.018		mg N/L	P311334	
	EPA 365.1 Rev. 2.0	Total-P	0.015		mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: END OF CHASE **Collection Date/Time: 09/06/2016 11:14**

Field ID: 5 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829291	EPA 180.1 Rev. 2.0	Turbidity	0.95		NTU	P310767	
	SM 2120 B	Color (true)	4.1	I	PCU	P310749	
	SM 2540 D-97	TSS	4	I	mg/L	P311296	
1829297	EPA 350.1 Rev. 2.0	Ammonia-N	0.035		mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.60		mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.043		mg N/L	P311334	
	EPA 365.1 Rev. 2.0	Total-P	0.017		mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: 1/2 MUSCOGEE AND HAWKSHAW 400FT FROM SHORE **Collection Date/Time: 09/06/2016 11:29**

Field ID: 6 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1829292	EPA 180.1 Rev. 2.0	Turbidity	1.1		NTU	P310767	
	SM 2120 B	Color (true)	3.5	I	PCU	P310750	
	SM 2540 D-97	TSS	3	U	mg/L	P311296	
1829298	EPA 350.1 Rev. 2.0	Ammonia-N	0.007	Y	mg N/L	P311074	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.58	Y	mg N/L	P310957	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.020	Y	mg N/L	P311335	
	EPA 365.1 Rev. 2.0	Total-P	0.016	Y	mg P/L	P311220	

Ref. Method and Comment:
SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.
EPA 350.1 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample. The sample was received unpreserved: pH > 2. Sample preserved in laboratory.
EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.
EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.
EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Non-Conformance Report

NCR ID: 6008

Event(s)	Job(s)	Sample(s)	Test(s)
NW-DIST-2016-09-07-01	TLH-2016-09-07-50	1829298	

Non-Conformance Report

NCR ID: 6008

Event(s)	Job(s)	Sample(s)	Test(s)

NCR Type: SHIPPING/RECEIVING **NCR Category: Preservation Not Intact**

Observation: Sample not preserved to pH < 2.

Resolution: Sample preserved in lab with sulfuric acid at 1:00 p.m. on 9/7/16.

Authorised by/Date: Kathryn Holland 9/7/2016

The Non-Conformance Report details exceptions or problems encountered with the events/jobs/samples/test.
Please address questions to:

Chemistry Tim Fitzpatrick (850) 245-8085
Biology Cheryl Swanson (850) 245-8177

Quality Assurance Report
Method Blank Results

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P310766

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P310767

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P311074

Component	Result	Code	Units
Ammonia-N	0.002	U	mg N/L

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P310957

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311334

Component	Result	Code	Units
NO2NO3-N	0.004	U	mg N/L

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311335

Component	Result	Code	Units
NO2NO3-N	0.004	U	mg N/L

Quality Assurance Report
Method Blank Results

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P311220

Component	Result	Code	Units
Total-P	0.002	U	mg P/L

Reference Method: SM 2120 B
Batch ID: P310749

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: SM 2120 B
Batch ID: P310750

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: SM 2540 D-97
Batch ID: P311296

Component	Result	Code	Units
TSS	3	U	mg/L

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P311074

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: P310957

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	96.6		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311334

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311335

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P311220

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P311220

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

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P310957

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1829293	Kjeldahl Nitrogen	94.2	96.5	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311334

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1829178	NO2NO3-N	101	103	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311335

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1829298	NO2NO3-N	104	105	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P311220

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1829293	Total-P	92.9	90.0	P/P	90 - 110

Quality Assurance Report
Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P310766

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829199	Turbidity	1.54	Sample	P	0 - 20

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P310767

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829288	Turbidity	2.02	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P311074

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits

Quality Assurance Report
Precision

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P311074

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829141	Ammonia-N	0.913	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P310957

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829293	Kjeldahl Nitrogen	1.91	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311334

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829178	NO2NO3-N	1.15	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P311335

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829298	NO2NO3-N	0.870	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P311220

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829293	Total-P	3.04	Spike	P	0 - 20

Reference Method: SM 2120 B
Batch ID: P310749

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829250	Color (true)	1.61	Sample	P	0 - 20

Reference Method: SM 2120 B
Batch ID: P310750

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1829232	Color (true)	1.05	Sample	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
Calibration Verification

Quality Assurance Report
Calibration Verification

Reference Method: SM 2120 B
Run ID: A71467
Included Lab Sample IDs: 1829287, 1829288, 1829289, 1829290, 1829291, 1829292

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	93.6	94.2	P/P	85 - 115
Color (true)	94.2	94.5	P/P	85 - 115

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A71470
Included Lab Sample IDs: 1829287, 1829288, 1829289, 1829290, 1829291, 1829292

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	99.0	99.0	P/P	95 - 105

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A71577
Included Lab Sample IDs: 1829293, 1829294, 1829295, 1829296, 1829297, 1829298

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

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A71590
Included Lab Sample IDs: 1829293, 1829294, 1829295, 1829296, 1829297, 1829298

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	101	98.8	P/P	90 - 110
Kjeldahl Nitrogen	98.8	99.8	P/P	90 - 110
Kjeldahl Nitrogen	99.8	98.8	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A71596
Included Lab Sample IDs: 1829293, 1829294, 1829295, 1829296, 1829297, 1829298

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	102	103	P/P	90 - 110
Ammonia-N	103	102	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A71709
Included Lab Sample IDs: 1829293, 1829294, 1829295, 1829296, 1829297, 1829298

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	101	100	P/P	90 - 110

* 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
EPA 180.1 Rev. 2.0	Turbidity					1.54	
	Turbidity					2.02	
EPA 350.1 Rev. 2.0	Ammonia-N	101					0.913
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	96.6	94.2	96.5			1.91
EPA 353.2 Rev. 2.0	NO2NO3-N	102	101	103			1.15
	NO2NO3-N	103	104	105			0.870
EPA 365.1 Rev. 2.0	Total-P	102	92.9	90.0			3.04
SM 2120 B	Color (true)					1.61	
	Color (true)					1.05	

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	1829287, 1829288, 1829289, 1829290, 1829291, 1829292
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
SM 2120 B / E31780	True Color measured at 450 nm	1829287, 1829288, 1829289, 1829290, 1829291, 1829292
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices	1829287, 1829288, 1829289, 1829290, 1829291, 1829292

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 180.1 Rev. 2.0	09/07/2016			09/07/2016 15:52	Sima Feizi	1829287, 1829288, 1829289, 1829290, 1829291, 1829292
EPA 350.1 Rev. 2.0	09/07/2016			09/08/2016	Joseph Suarez	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 351.2 Rev. 2.0	09/07/2016	09/12/2016	Adrian Shelby	09/13/2016	Christopher Armour	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 353.2 Rev. 2.0	09/07/2016			09/13/2016	Beverly Y. Sanders	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
EPA 365.1 Rev. 2.0	09/07/2016	09/15/2016	Vijayalakshmi Reddy	09/16/2016	Lipi Saha	1829293, 1829294, 1829295, 1829296, 1829297, 1829298
SM 2120 B	09/07/2016			09/07/2016 15:21	Blanca Fach	1829287
	09/07/2016			09/07/2016 15:22	Blanca Fach	1829288
	09/07/2016			09/07/2016 15:23	Blanca Fach	1829289
	09/07/2016			09/07/2016 15:24	Blanca Fach	1829290
	09/07/2016			09/07/2016 15:25	Blanca Fach	1829291
	09/07/2016			09/07/2016 15:28	Blanca Fach	1829292
SM 2540 D-97	09/07/2016			09/09/2016	Yijie Li	1829287, 1829288, 1829289, 1829290, 1829291, 1829292