Chemical Analysis Report

SO-DIST-2016-06-07-01

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

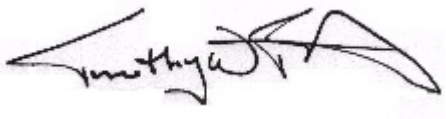
Event Description: **WBID 2056A**
Request ID: **RQ-2016-04-18-03**
Customer: **SO-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Corey Anderson

For additional information please contact
Timothy W. Fitzpatrick
Liang-Tsair Lin, Ph.D.
Colin Wright, Ph.D.
Thekkekalathil Chandrasekhar, PhD, QA Officer
Phone (850) 245-8085

Certified by: Timothy Fitzpatrick, Program Administrator

Date Certified: 27-JUN-2016 11:54



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 groups are included in this report: Metals and 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: Charlotte Harbor **Collection Date/Time: 06/06/2016 06:39**

Field ID: CHV006 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1806084	EPA 180.1 Rev. 2.0	Turbidity	9.1		NTU	P305756	
	SM 2120 B	Color (true)	44		PCU	P305764	
	SM 2320 B-97	Total Alkalinity	92		mg CaCO3/L	P305935	
	SM 2540 D-97	TSS	18		mg/L	P306139	
	SM 4500 F-C-97	Fluoride	0.88		mg F/L	P305938	
1806085	EPA 350.1 Rev. 2.0	Ammonia-N	0.027		mg N/L	P306121	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.5		mg N/L	P305773	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P306433	
	EPA 365.1 Rev. 2.0	Total-P	0.42		mg P/L	P306063	
	SM 5310 B-00	Organic Carbon	12		mg C/L	P306404	
1806086	EPA 200.7 Rev. 4.4	Iron	150	I	ug/L	P306181	
	EPA 200.8 Rev. 5.4	Arsenic	2.31		ug/L	P306181	
		Cadmium	0.073	I	ug/L	P306181	
		Chromium	0.26	I	ug/L	P306181	
		Copper	0.87	I	ug/L	P306181	
		Lead	0.15	U	ug/L	P306181	
		Nickel	0.40	I	ug/L	P306181	
		Silver	0.015	U	ug/L	P306181	
		Zinc	7.4	I	ug/L	P306181	

Quality Assurance Report
Method Blank Results

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P305756

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 200.7 Rev. 4.4
Batch ID: P306181

Component	Result	Code	Units
Iron	30	U	ug/L

Reference Method: EPA 200.8 Rev. 5.4
Batch ID: P306181

Component	Result	Code	Units
Arsenic	0.050	U	ug/L
Cadmium	0.020	U	ug/L
Chromium	0.050	U	ug/L
Copper	0.10	U	ug/L
Lead	0.050	U	ug/L
Nickel	0.050	U	ug/L
Silver	0.0050	U	ug/L
Zinc	1.0	U	ug/L

Quality Assurance Report
Method Blank Results

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P306121

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305773

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P306433

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P306063

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

Reference Method: SM 2120 B
Batch ID: P305764

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: SM 2320 B-97
Batch ID: P305935

Component	Result	Code	Units
Total Alkalinity	0.65	U	mg CaCO3/L

Reference Method: SM 2540 D-97
Batch ID: P306139

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500 F-C-97
Batch ID: P305938

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P306404

Component	Result	Code	Units
Organic Carbon	0.50	U	mg C/L

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: EPA 200.7 Rev. 4.4
Batch ID: P306181

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Iron	108		P	85 - 115

Reference Method: EPA 200.8 Rev. 5.4
Batch ID: P306181

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Arsenic	96.2		P	85 - 115
Cadmium	101		P	85 - 115
Chromium	99.8		P	85 - 115
Copper	95.5		P	85 - 115
Lead	96.5		P	85 - 115
Nickel	97.0		P	85 - 115
Silver	97.4		P	85 - 115
Zinc	99.2		P	85 - 115

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P306121

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	98.6		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305773

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	93.2		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P306433

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
NO2NO3-N	99.0		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P306063

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

Reference Method: SM 2320 B-97
Batch ID: P305935

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	103		P	95 - 105

Reference Method: SM 4500 F-C-97
Batch ID: P305938

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	98.9		P	92 - 103

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: SM 5310 B-00
Batch ID: P306404

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	95.8		P	85 - 115

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 200.7 Rev. 4.4
Batch ID: P306181

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1806993	Iron	102	101	P/P	70 - 130

Reference Method: EPA 200.8 Rev. 5.4
Batch ID: P306181

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1806993	Arsenic	102	103	P/P	70 - 130
1806993	Cadmium	101	102	P/P	70 - 130
1806993	Chromium	90.6	90.2	P/P	70 - 130
1806993	Copper	94.4	95.2	P/P	70 - 130
1806993	Lead	102	102	P/P	70 - 130
1806993	Nickel	96.7	95.1	P/P	70 - 130
1806993	Silver	92.6	93.1	P/P	70 - 130
1806993	Zinc	102	102	P/P	70 - 130

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P306121

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1806085	Ammonia-N	97.9	101	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305773

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1804921	Kjeldahl Nitrogen	88.4	96.1	F/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P306433

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1806085	NO2NO3-N	97.5	99.0	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P306063

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1804923	Total-P	96.1	95.9	P/P	90 - 110

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: SM 4500 F-C-97
Batch ID: P305938

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1804788	Fluoride	98.1	98.7	P/P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P306404

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1804853	Organic Carbon	86.6	87.5	P/P	85 - 115

Quality Assurance Report
Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P305756

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806044	Turbidity	3.75	Sample	P	0 - 20

Reference Method: EPA 200.7 Rev. 4.4
Batch ID: P306181

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806993	Iron	1.52	Spike	P	0 - 20

Reference Method: EPA 200.8 Rev. 5.4
Batch ID: P306181

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806993	Arsenic	0.619	Spike	P	0 - 20
1806993	Cadmium	0.752	Spike	P	0 - 20
1806993	Chromium	0.455	Spike	P	0 - 20
1806993	Copper	0.750	Spike	P	0 - 20
1806993	Lead	0.601	Spike	P	0 - 20
1806993	Nickel	1.63	Spike	P	0 - 20
1806993	Silver	0.591	Spike	P	0 - 20
1806993	Zinc	0.212	Spike	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P306121

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806085	Ammonia-N	2.29	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305773

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

Quality Assurance Report
Precision

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305773

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804921	Kjeldahl Nitrogen	4.31	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P306433

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806085	NO2NO3-N	1.53	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P306063

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804923	Total-P	0.135	Spike	P	0 - 20

Reference Method: SM 2120 B
Batch ID: P305764

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1806122	Color (true)	0.400	Sample	P	0 - 20

Reference Method: SM 2320 B-97
Batch ID: P305935

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804788	Total Alkalinity	1.14	Sample	P	0 - 4.8

Reference Method: SM 2540 D-97
Batch ID: P306139

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804748	TSS	8.89	Sample	P	0 - 10

Reference Method: SM 4500 F-C-97
Batch ID: P305938

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804788	Fluoride	0.464	Spike	P	0 - 3.0

Reference Method: SM 5310 B-00
Batch ID: P306404

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1804853	Organic Carbon	0.941	Spike	P	0 - 20

Quality Assurance Report
Precision

* 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

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A69908
Included Lab Sample IDs: 1806084

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	98.5	99.5	P/P	95 - 105

Reference Method: SM 2120 B
Run ID: A69910
Included Lab Sample IDs: 1806084

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	95.9	95.4	P/P	85 - 115

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A69938
Included Lab Sample IDs: 1806085

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	98.8	96.1	P/P	90 - 110

Reference Method: SM 2320 B-97
Run ID: A69953
Included Lab Sample IDs: 1806084

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	105	100	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Run ID: A69953
Included Lab Sample IDs: 1806084

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	99.5	100	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A70016
Included Lab Sample IDs: 1806085

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	98.7	99.4	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A70018
Included Lab Sample IDs: 1806085

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

Quality Assurance Report
Calibration Verification

Reference Method: EPA 200.7 Rev. 4.4
Run ID: A70090
Included Lab Sample IDs: 1806086

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

Reference Method: SM 5310 B-00
Run ID: A70103
Included Lab Sample IDs: 1806085

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	96.0	92.4	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A70106
Included Lab Sample IDs: 1806085

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	101	102	P/P	90 - 110

Reference Method: EPA 200.8 Rev. 5.4
Run ID: A70140
Included Lab Sample IDs: 1806086

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Arsenic	96.4	98.7	P/P	90 - 110
Cadmium	99.4	97.7	P/P	90 - 110
Chromium	100	95.9	P/P	90 - 110
Copper	96.9	100	P/P	90 - 110
Lead	95.6	95.2	P/P	90 - 110
Nickel	97.6	101	P/P	90 - 110
Silver	96.0	96.0	P/P	90 - 110
Zinc	99.3	101	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					3.75	
EPA 200.7 Rev. 4.4	Iron	108	102	101			1.52
EPA 200.8 Rev. 5.4	Arsenic	96.2	102	103			0.619
	Cadmium	101	101	102			0.752
	Chromium	99.8	90.6	90.2			0.455
	Copper	95.5	94.4	95.2			0.750
	Lead	96.5	102	102			0.601
	Nickel	97.0	96.7	95.1			1.63
	Silver	97.4	92.6	93.1			0.591
	Zinc	99.2	102	102			0.212
EPA 350.1 Rev. 2.0	Ammonia-N	98.6	97.9	101			2.29

Quality Assurance Report
Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		Precision		
					LCS	SMP	MS
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	93.2	88.4	96.1			4.31
EPA 353.2 Rev. 2.0	NO2NO3-N	99.0	97.5	99.0			1.53
EPA 365.1 Rev. 2.0	Total-P	102	96.1	95.9			0.135
SM 2120 B	Color (true)					0.400	
SM 2320 B-97	Total Alkalinity	103				1.14	
SM 2540 D-97	TSS					8.89	
SM 4500 F-C-97	Fluoride	98.9	98.1	98.7			0.464
SM 5310 B-00	Organic Carbon	95.8	86.6	87.5			0.941

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	1806084
EPA 200.7 Rev. 4.4 / E31780	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	1806086
EPA 200.8 Rev. 5.4 / E31780	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	1806086
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	1806085
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	1806085
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	1806085
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	1806085
SM 2120 B / E31780	True Color measured at 450 nm	1806084
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO3/L	1806084
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices	1806084
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	1806084
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	1806085

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	06/07/2016			06/07/2016 16:52	Rochelle Y Jackson	1806084
EPA 200.7 Rev. 4.4	06/07/2016	06/14/2016	Elliott D. Healy	06/16/2016	Joshua Ayres	1806086
EPA 200.8 Rev. 5.4	06/07/2016	06/14/2016	Elliott D. Healy	06/20/2016	Charles J. Peterson	1806086
EPA 350.1 Rev. 2.0	06/07/2016			06/13/2016	Diana M. Turner	1806085
EPA 351.2 Rev. 2.0	06/07/2016	06/08/2016	Sofia Elnemr	06/09/2016	Christopher Armour	1806085
EPA 353.2 Rev. 2.0	06/07/2016			06/17/2016	Beverly Y. Sanders	1806085
EPA 365.1 Rev. 2.0	06/07/2016	06/13/2016	Vijayalakshmi Reddy	06/14/2016	Lipi Saha	1806085
SM 2120 B	06/07/2016			06/07/2016 15:38	Rochelle Y Jackson	1806084
SM 2320 B-97	06/07/2016			06/09/2016	Dale L. Simmons	1806084
SM 2540 D-97	06/07/2016			06/08/2016	Yijie Li	1806084
SM 4500 F-C-97	06/07/2016			06/09/2016	Dale L. Simmons	1806084
SM 5310 B-00	06/07/2016			06/17/2016	Diana M. Turner	1806085