

Chemical Analysis Report

NE-DIST-2016-06-01-01

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

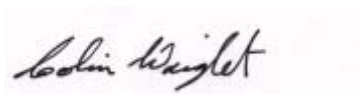
Event Description: **SCI-Montecocha**
Request ID: **RQ-2016-05-30-28**
Customer: **NE-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
8800 Baymeadows Way West
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

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: Colin Wright, Environmental Administrator

Date Certified: 21-JUN-2016 08:45

A handwritten signature in black ink, appearing to read "Colin Wright", is written over a light pink rectangular background.

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: **Prairie Creek @ SR 20**

Collection Date/Time: **05/31/2016 12:10**

Field ID: **20020121**

Matrix: **W-SURF-FRH**

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1803621	EPA 180.1 Rev. 2.0	Turbidity	14		NTU	P305417	
	EPA 300.0 Rev. 2.1	Chloride	12	A	mg Cl/L	P305623	
		Sulfate	2.3	A	mg SO4/L	P305626	
	SM 2120 B	Color (true)	110		PCU	P305460	
	SM 2320 B-97	Total Alkalinity	14		mg CaCO3/L	P305781	
	SM 2540 C-97	TDS	97		mg/L	P306104	
	SM 2540 D-97	TSS	34		mg/L	P305840	
	SM 4500 F-C-97	Fluoride	0.11		mg F/L	P305784	
1803622	EPA 350.1 Rev. 2.0	Ammonia-N	0.010		mg N/L	P305871	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	2.4		mg N/L	P305610	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	I	mg N/L	P305535	
	EPA 365.1 Rev. 2.0	Total-P	0.19		mg P/L	P305921	
	SM 5310 B-00	Organic Carbon	28		mg C/L	P306132	
1803623	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.008	I	mg P/L	P305386	

Quality Assurance Report Method Blank Results

Reference Method: **EPA 180.1 Rev. 2.0**

Batch ID: **P305417**

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: **EPA 300.0 Rev. 2.1**

Batch ID: **P305623**

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: **EPA 300.0 Rev. 2.1**

Batch ID: **P305626**

Component	Result	Code	Units
Sulfate	0.20	U	mg SO4/L

Reference Method: **EPA 350.1 Rev. 2.0**

Batch ID: **P305871**

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

Reference Method: **EPA 351.2 Rev. 2.0**

Batch ID: **P305610**

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

Quality Assurance Report Method Blank Results

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P305535

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P305921

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P305386

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

Reference Method: SM 2120 B
Batch ID: P305460

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: SM 2320 B-97
Batch ID: P305781

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

Reference Method: SM 2540 C-97
Batch ID: P306104

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 D-97
Batch ID: P305840

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500 F-C-97
Batch ID: P305784

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P306132

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

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305623

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

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305626

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Sulfate	99.4		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P305871

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: P305610

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	100		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P305535

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: P305921

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P305386

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	99.4		P	90 - 110

Reference Method: SM 2320 B-97
Batch ID: P305781

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	102		P	95 - 105

Reference Method: SM 4500 F-C-97
Batch ID: P305784

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	99.0		P	92 - 103

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 5310 B-00
Batch ID: P306132

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	102		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305623

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803621	Chloride	100		P	90 - 110
1803794	Chloride	101		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305626

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803621	Sulfate	99.9		P	90 - 110
1803794	Sulfate	97.5		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P305871

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803529	Ammonia-N	101	102	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305610

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803529	Kjeldahl Nitrogen	102	94.2	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P305535

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803528	NO2NO3-N	102	104	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P305921

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803493	Total-P	97.4	101	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P305386

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803499	O-Phosphate-P	97.7	98.9	P/P	90 - 110

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SM 4500 F-C-97
Batch ID: P305784

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803691	Fluoride	99.4	99.4	P/P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P306132

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1803698	Organic Carbon	102	101	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P305417

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803592	Turbidity	0.531	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305623

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803621	Chloride	0.327	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P305626

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803621	Sulfate	0.253	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P305871

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803529	Ammonia-N	1.02	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P305610

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803529	Kjeldahl Nitrogen	4.87	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P305535

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

Quality Assurance Report Precision

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P305535

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803528	NO2NO3-N	1.45	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P305921

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803493	Total-P	2.05	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P305386

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803499	O-Phosphate-P	1.22	Spike	P	0 - 20

Reference Method: SM 2120 B
Batch ID: P305460

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803594	Color (true)	3.61	Sample	P	0 - 20

Reference Method: SM 2320 B-97
Batch ID: P305781

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803691	Total Alkalinity	0.146	Sample	P	0 - 4.8

Reference Method: SM 2540 C-97
Batch ID: P306104

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803463	TDS	3.14	Sample	P	0 - 10

Reference Method: SM 2540 D-97
Batch ID: P305840

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803463	TSS	6.67	Sample	P	0 - 10

Reference Method: SM 4500 F-C-97
Batch ID: P305784

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803691	Fluoride	0.0	Spike	P	0 - 3.0

Quality Assurance Report Precision

Reference Method: SM 5310 B-00
Batch ID: P306132

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1803698	Organic Carbon	1.62	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 Calibration Verification

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Run ID: A69788
Included Lab Sample IDs: 1803623

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	99.1	100	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A69802
Included Lab Sample IDs: 1803621

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	101	100	P/P	95 - 105

Reference Method: SM 2120 B
Run ID: A69808
Included Lab Sample IDs: 1803621

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	100	99.3	P/P	90 - 115

Reference Method: EPA 300.0 Rev. 2.1
Run ID: A69814
Included Lab Sample IDs: 1803621

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	101	102	P/P	90 - 110
Sulfate	99.6	96.0	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A69831
Included Lab Sample IDs: 1803622

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	100	100	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A69907
Included Lab Sample IDs: 1803622

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	104	100	P/P	90 - 110

Quality Assurance Report Calibration Verification

Reference Method: SM 2320 B-97
Run ID: A69913
Included Lab Sample IDs: 1803621

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	101	103	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Run ID: A69913
Included Lab Sample IDs: 1803621

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	99.1	101	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A69935
Included Lab Sample IDs: 1803622

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

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A69972
Included Lab Sample IDs: 1803622

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

Reference Method: SM 5310 B-00
Run ID: A70017
Included Lab Sample IDs: 1803622

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	98.6	98.4	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	LCS	Precision SMP	MS
EPA 180.1 Rev. 2.0	Turbidity				0.531	
EPA 300.0 Rev. 2.1	Chloride	101	100	101	0.327	
	Sulfate	99.4	99.9	97.5	0.253	
EPA 350.1 Rev. 2.0	Ammonia-N	101	101	102		1.02
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	100	102	94.2		4.87
EPA 353.2 Rev. 2.0	NO2NO3-N	102	102	104		1.45
EPA 365.1 Rev. 2.0	Total-P	103	97.4	101		2.05
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	99.4	97.7	98.9		1.22
SM 2120 B	Color (true)				3.61	
SM 2320 B-97	Total Alkalinity	102			0.146	
SM 2540 C-97	TDS				3.14	

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		LCS	Precision	MS
						SMP	
SM 2540 D-97	TSS					6.67	
SM 4500 F-C-97	Fluoride	99.0	99.4	99.4			0.0
SM 5310 B-00	Organic Carbon	102	102	101			1.62

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	1803621
EPA 300.0 Rev. 2.1 / E31780	Chloride in aqueous matrices	1803621
EPA 300.0 Rev. 2.1 / E31780	Sulfate in aqueous matrices	1803621
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	1803622
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	1803622
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	1803622
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	1803622
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	1803623
SM 2120 B / E31780	True Color measured at 450 nm	1803621
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO3/L	1803621
SM 2540 C-97 / E31780	Total Dissolved Solids in aqueous matrices	1803621
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices	1803621
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	1803621
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	1803622

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	06/01/2016			06/01/2016 18:53	Blanca Fach	1803621
EPA 300.0 Rev. 2.1	06/01/2016			06/04/2016	Elisa J Lutz	1803621
EPA 350.1 Rev. 2.0	06/01/2016			06/08/2016	Diana M. Turner	1803622
EPA 351.2 Rev. 2.0	06/01/2016	06/06/2016	Sofia Elhemr	06/08/2016	Christopher Armour	1803622
EPA 353.2 Rev. 2.0	06/01/2016			06/03/2016	Peter D. Kaus	1803622
EPA 365.1 Rev. 2.0	06/01/2016	06/09/2016	Vijayalakshmi Reddy	06/10/2016	Peter D. Kaus	1803622
EPA 365.1 Rev. 2.0 dissolved	06/01/2016			06/01/2016 17:50	Julia Storbeck	1803623
SM 2120 B	06/01/2016			06/02/2016 10:29	Chrisoulla Rakowski	1803621
SM 2320 B-97	06/01/2016			06/08/2016	Dale L. Simmons	1803621
SM 2540 C-97	06/01/2016			06/03/2016	Yijie Li	1803621
SM 2540 D-97	06/01/2016			06/03/2016	Yijie Li	1803621
SM 4500 F-C-97	06/01/2016			06/08/2016	Dale L. Simmons	1803621
SM 5310 B-00	06/01/2016			06/14/2016	Diana M. Turner	1803622