

Chemical Analysis Report

NW-DIST-2019-06-19-01

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

Event Description: **Dune Lakes**
Request ID: **RQ-2019-06-17-15**
Customer: **NW-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
160 Government Center
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Pensacola, FL 32502-5794
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Certified by: Dr. rer. nat. Bettina Steinbock, Environmental Administrator

Date Certified: 09-JUL-2019 16:32



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 by the Florida Department of Health Environmental Laboratory Certification Program 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: OYSTER LAKE CENTER

Collection Date/Time: 06/18/2019 11:35

Field ID: G3NW0165

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2096601	EPA 180.1 Rev. 2.0	Turbidity	3.9		NTU	P365991	
	EPA 300.0	Bromide	38		mg Br/L	P366331	
	SM 2320 B-97	Total Alkalinity	79		mg CaCO3/L	P366362	
	SM 2540 D-97	TSS	10	I	mg/L	P366532	
	SM 4500 F-C-97	Fluoride	0.65		mg F/L	P366365	
2096603	EPA 350.1 Rev. 2.0	Ammonia-N	0.004	I	mg N/L	P366173	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.81		mg N/L	P366635	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P366100	
	EPA 365.1 Rev. 2.0	Total-P	0.061		mg P/L	P366180	
	SM 5310 B-00	Organic Carbon	12		mg C/L	P366076	
2096605	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.008	I	mg P/L	P365966	

Ref. Method and Comment:

SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Sample Location: LITTLE REDFISH LAKE

Collection Date/Time: 06/18/2019 13:30

Field ID: G3NW0125

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2096602	EPA 180.1 Rev. 2.0	Turbidity	3.2		NTU	P365991	
	EPA 300.0	Bromide	27		mg Br/L	P366331	
	SM 2320 B-97	Total Alkalinity	54		mg CaCO3/L	P366362	
	SM 2540 D-97	TSS	6	I	mg/L	P366532	
	SM 4500 F-C-97	Fluoride	0.49	I	mg F/L	P366365	
2096604	EPA 350.1 Rev. 2.0	Ammonia-N	0.004	I	mg N/L	P366173	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.56		mg N/L	P366636	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P366100	
	EPA 365.1 Rev. 2.0	Total-P	0.036		mg P/L	P366180	
	SM 5310 B-00	Organic Carbon	13		mg C/L	P366076	
2096606	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.004	U	mg P/L	P365966	

Ref. Method and Comment:

SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Quality Assurance Report Method Blank Results

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P365991

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0
Batch ID: P366331

Component	Result	Code	Units
Bromide	0.013	U	mg Br/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P366173

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366635

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366636

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P366100

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: P366180

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P365966

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

Reference Method: SM 2320 B-97
Batch ID: P366362

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

Quality Assurance Report

Method Blank Results

Reference Method: SM 2540 D-97
Batch ID: P366532

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500 F-C-97
Batch ID: P366365

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P366076

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

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 300.0
Batch ID: P366331

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P366173

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366635

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366636

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	105		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P366100

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: P366180

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P365966

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

Reference Method: SM 2320 B-97
Batch ID: P366362

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	103		P	98 - 106

Reference Method: SM 4500 F-C-97
Batch ID: P366365

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	97.9		P	92 - 103

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 5310 B-00
Batch ID: P366076

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

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 300.0
Batch ID: P366331

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096377	Bromide	94.8	94.6	P/P	90 - 110
2096414	Bromide	96.6		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P366173

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096728	Ammonia-N	105	105	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366635

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096499	Kjeldahl Nitrogen	97.6	103	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366636

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096728	Kjeldahl Nitrogen	98.8	99.7	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P366100

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096599	NO2NO3-N	97.6	96.2	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P366180

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096701	Total-P	93.8	95.6	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P365966

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096606	O-Phosphate-P	95.9	97.2	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Batch ID: P366365

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096586	Fluoride	97.1	97.8	P/P	89 - 106

Reference Method: SM 5310 B-00
Batch ID: P366076

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2096587	Organic Carbon	95.2	95.6	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P365991

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096654	Turbidity	1.12	Sample	P	0 - 20

Reference Method: EPA 300.0
Batch ID: P366331

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096377	Bromide	0.133	Spike	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P366173

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096728	Ammonia-N	0.348	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366635

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096499	Kjeldahl Nitrogen	4.07	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P366636

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096728	Kjeldahl Nitrogen	0.788	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P366100

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096599	NO2NO3-N	1.55	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P366180

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096701	Total-P	1.81	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P365966

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096606	O-Phosphate-P	1.35	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: SM 2320 B-97
Batch ID: P366362

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096586	Total Alkalinity	0.299	Sample	P	0 - 2.8

Reference Method: SM 4500 F-C-97
Batch ID: P366365

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096586	Fluoride	0.473	Spike	P	0 - 2.5

Reference Method: SM 5310 B-00
Batch ID: P366076

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2096587	Organic Carbon	0.368	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: A92215

Included Lab Sample IDs: 2096605, 2096606

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	100	99.2	P/P	90 - 110
O-Phosphate-P	98.1	98.8	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0

Run ID: A92222

Included Lab Sample IDs: 2096601, 2096602

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

Reference Method: SM 5310 B-00

Run ID: A92261

Included Lab Sample IDs: 2096603, 2096604

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	97.2	96.8	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A92272

Included Lab Sample IDs: 2096603, 2096604

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

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A92297

Included Lab Sample IDs: 2096603, 2096604

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

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A92343

Included Lab Sample IDs: 2096603, 2096604

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

Reference Method: EPA 300.0

Run ID: A92370

Included Lab Sample IDs: 2096601, 2096602

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Bromide	104	105	P/P	90 - 110

Reference Method: SM 2320 B-97

Run ID: A92380

Included Lab Sample IDs: 2096601, 2096602

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

Quality Assurance Report Calibration Verification

Reference Method: SM 4500 F-C-97

Run ID: A92380

Included Lab Sample IDs: 2096601, 2096602

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

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A92534

Included Lab Sample IDs: 2096603, 2096604

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	95.4	98.6	P/P	90 - 110
Kjeldahl Nitrogen	98.6	93.2	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 SMP	MS
			LCS				
EPA 180.1 Rev. 2.0	Turbidity					1.12	
EPA 300.0	Bromide	99.6		94.8	94.6		0.133
EPA 350.1 Rev. 2.0	Ammonia-N	102		105	105		0.348
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	100		97.6	103		4.07
	Kjeldahl Nitrogen	105		98.8	99.7		0.788
EPA 353.2 Rev. 2.0	NO ₂ NO ₃ -N	102		97.6	96.2		1.55
EPA 365.1 Rev. 2.0	Total-P	101		93.8	95.6		1.81
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	100		95.9	97.2		1.35
SM 2320 B-97	Total Alkalinity	103				0.299	
SM 4500 F-C-97	Fluoride	97.9		97.1	97.8		0.473
SM 5310 B-00	Organic Carbon	98.2		95.2	95.6		0.368

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	2096601, 2096602
EPA 300.0 / E31780	Bromide in aqueous matrices	2096601, 2096602
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	2096603, 2096604
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	2096603, 2096604
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	2096603, 2096604
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	2096603, 2096604
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2096605, 2096606
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO ₃ /L	2096601, 2096602
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2096601, 2096602
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2096601, 2096602
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	2096603, 2096604

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	06/19/2019			06/19/2019 17:04	Adrian Shelby	2096601, 2096602
EPA 300.0	06/19/2019			06/24/2019 23:09	Lipi Saha	2096601
	06/19/2019			06/24/2019 23:26	Lipi Saha	2096602
EPA 350.1 Rev. 2.0	06/19/2019			06/21/2019 13:57	Ping Hua	2096603
	06/19/2019			06/21/2019 13:59	Ping Hua	2096604
EPA 351.2 Rev. 2.0	06/19/2019	07/02/2019 11:30	Adrian Shelby	07/03/2019 10:38	Joseph Suarez	2096603
	06/19/2019	07/02/2019 11:30	Adrian Shelby	07/03/2019 10:46	Joseph Suarez	2096604
EPA 353.2 Rev. 2.0	06/19/2019			06/21/2019 11:04	Beverly Y. Sanders	2096603
	06/19/2019			06/21/2019 11:05	Beverly Y. Sanders	2096604
EPA 365.1 Rev. 2.0	06/19/2019	06/24/2019 12:20	Sima Feizi	06/25/2019 15:49	Rosalyn Ballman	2096603
	06/19/2019	06/24/2019 12:20	Sima Feizi	06/25/2019 15:50	Rosalyn Ballman	2096604
EPA 365.1 Rev. 2.0 dissolved	06/19/2019			06/19/2019 15:43	Jhamieka S. Greenwood	2096606
	06/19/2019			06/19/2019 16:10	Jhamieka S. Greenwood	2096605
SM 2320 B-97	06/19/2019			06/26/2019 06:31	Dale L. Simmons	2096601
	06/19/2019			06/26/2019 06:43	Dale L. Simmons	2096602
SM 2540 D-97	06/19/2019			06/24/2019 14:22	Yijie Li	2096601, 2096602
SM 4500 F-C-97	06/19/2019			06/26/2019 04:24	Dale L. Simmons	2096601
	06/19/2019			06/26/2019 04:29	Dale L. Simmons	2096602
SM 5310 B-00	06/19/2019			06/21/2019 05:31	Madeline Funaro	2096603
	06/19/2019			06/21/2019 05:44	Madeline Funaro	2096604