

Chemical Analysis Report

CEN-DIST-2022-09-23-01

Florida DEP Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Event Description: **Reed Canal Retrieval and Holly Hill**
Request ID: **RQ-2022-09-26-14**
Customer: **CEN-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Matthew Bearden

For additional information please contact
Colin Wright, Ph.D.
Liang-Tsair Lin, Ph.D.
Kerry Tate, Ph.D.
Dr. rer. nat. Bettina Steinbock
Thekkekalathil Chandrasekhar, Ph.D, QA Officer
Phone (850) 245-8085

Certified by: Colin Wright, Program Administrator

Date Certified: 19-OCT-2022 14:04



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: Reed Canal @ Reed Canal Park

Collection Date/Time: 09/22/2022 10:42

Field ID: G5CE0156

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2359141	EPA 180.1 Rev. 2.0	Turbidity	2.0		NTU	P420049	
	SM 2320 B-2011	Total Alkalinity	200		mg CaCO3/L	P420428	
	SM 2540 D-2011	TSS	2	I	mg/L	P420480	
	SM 4500-F- C-2011	Fluoride	0.089	I	mg F/L	P420430	
2359142	EPA 350.1 Rev. 2.0	Ammonia-N	0.15		mg N/L	P420586	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.71		mg N/L	P420203	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.17		mg N/L	P420439	
	EPA 365.1 Rev. 2.0	Total-P	0.15		mg P/L	P420303	
	SM 5310 B-2011	Organic Carbon	9.4		mg C/L	P420387	

Ref. Method and Comment:

SM 2540 D-2011: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

EPA 351.2 Rev. 2.0: Batch matrix spike recoveries are unavailable because of high analyte concentration in the QC sample.

Sample Location: Holly Hill Ditch @ Ridgewood

Collection Date/Time: 09/22/2022 11:27

Field ID: G5CE0158

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2359149	EPA 180.1 Rev. 2.0	Turbidity	3.8		NTU	P420049	
	SM 2320 B-2011	Total Alkalinity	174		mg CaCO3/L	P420428	
	SM 2540 D-2011	TSS	3	I	mg/L	P420480	
	SM 4500-F- C-2011	Fluoride	0.20		mg F/L	P420430	
2359150	EPA 350.1 Rev. 2.0	Ammonia-N	0.092		mg N/L	P420736	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.72		mg N/L	P420201	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.14		mg N/L	P420403	
	EPA 365.1 Rev. 2.0	Total-P	0.14		mg P/L	P420301	
	SM 5310 B-2011	Organic Carbon	7.8		mg C/L	P420387	

Ref. Method and Comment:

SM 2540 D-2011: 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: P420049

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420586

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420736

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420201

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420203

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420403

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420439

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420301

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420303

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

Quality Assurance Report

Method Blank Results

Reference Method: SM 2320 B-2011
Batch ID: P420428

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

Reference Method: SM 2540 D-2011
Batch ID: P420480

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500-F- C-2011
Batch ID: P420430

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P420387

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

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420049

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420586

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	95.2		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420736

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: P420201

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420203

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: P420403

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420439

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: P420301

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420303

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

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: SM 2320 B-2011
Batch ID: P420428

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	98.5		P	94 - 106

Reference Method: SM 4500-F- C-2011
Batch ID: P420430

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	97.9		P	96 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420387

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	97.5		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420586

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359126	Ammonia-N	97.2	98.4	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420736

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2358988	Ammonia-N	104	104	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420201

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2358931	Kjeldahl Nitrogen	103	102	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420403

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359039	NO2NO3-N	99.4	102	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420439

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359076	NO2NO3-N	103	103	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420301

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359035	Total-P	101	98.5	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420303

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359165	Total-P	104	108	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Batch ID: P420430

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359300	Fluoride	99.5	99.5	P/P	94 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420387

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2358936	Organic Carbon	100	97.9	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420049

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359100	Turbidity	4.03	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420586

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359126	Ammonia-N	1.09	Spike	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420736

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2358988	Ammonia-N	0.481	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420201

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2358931	Kjeldahl Nitrogen	0.717	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420203

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359128	Kjeldahl Nitrogen	1.26	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420403

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359039	NO2NO3-N	2.25	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420439

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359076	NO2NO3-N	0.0	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420301

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359035	Total-P	2.39	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420303

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359165	Total-P	3.63	Spike	P	0 - 20

Reference Method: SM 2320 B-2011
Batch ID: P420428

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359300	Total Alkalinity	0.806	Sample	P	0 - 3.8

Reference Method: SM 4500-F- C-2011
Batch ID: P420430

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359300	Fluoride	0.0	Spike	P	0 - 1.6

Reference Method: SM 5310 B-2011
Batch ID: P420387

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2358936	Organic Carbon	1.71	Spike	P	0 - 20

* Sample, spike and/or laboratory control sample precision (LCS) is reported.

Quality Assurance Report Calibration Verification

Reference Method: EPA 180.1 Rev. 2.0

Run ID: A114918

Included Lab Sample IDs: 2359141, 2359149

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

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A115043

Included Lab Sample IDs: 2359142

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	98.0	102	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A115050

Included Lab Sample IDs: 2359150

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.4	97.2	P/P	90 - 110

Reference Method: SM 5310 B-2011

Run ID: A115074

Included Lab Sample IDs: 2359142, 2359150

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	95.8	95.9	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A115091

Included Lab Sample IDs: 2359150

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	99.0	98.0	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A115092

Included Lab Sample IDs: 2359150

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	107	99.0	P/P	90 - 110

Reference Method: SM 2320 B-2011

Run ID: A115100

Included Lab Sample IDs: 2359141, 2359149

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	96.4	96.3	P/P	90 - 110

Reference Method: SM 4500-F- C-2011

Run ID: A115100

Included Lab Sample IDs: 2359141, 2359149

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	101	104	P/P	90 - 110

Quality Assurance Report Calibration Verification

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A115111

Included Lab Sample IDs: 2359142

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	104	103	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A115115

Included Lab Sample IDs: 2359142

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

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A115158

Included Lab Sample IDs: 2359142

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	99.1	99.7	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A115220

Included Lab Sample IDs: 2359150

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	98.3	98.7	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	MS
						SMP	
EPA 180.1 Rev. 2.0	Turbidity	101				4.03	
EPA 350.1 Rev. 2.0	Ammonia-N	95.2	97.2	98.4			1.09
	Ammonia-N	98.6	104	104			0.481
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	101	103	102			0.717
	Kjeldahl Nitrogen	100					1.26
EPA 353.2 Rev. 2.0	NO2NO3-N	99.5	99.4	102			2.25
	NO2NO3-N	102	103	103			0.0
EPA 365.1 Rev. 2.0	Total-P	105	101	98.5			2.39
	Total-P	102	104	108			3.63
SM 2320 B-2011	Total Alkalinity	98.5				0.806	
SM 4500-F- C-2011	Fluoride	97.9	99.5	99.5			0.0
SM 5310 B-2011	Organic Carbon	97.5	100	97.9			1.71

Reference Method Descriptions

Method	Description	Associated Samples
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2359141, 2359149
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2359142, 2359150
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2359142, 2359150
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2359142, 2359150
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2359142, 2359150
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2359141, 2359149
SM 2540 D-2011	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2359141, 2359149
SM 4500-F- C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2359141, 2359149
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2359142, 2359150

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	09/23/2022			09/23/2022 13:53	Chandler E Cox	2359141
	09/23/2022			09/23/2022 13:54	Chandler E Cox	2359149
EPA 350.1 Rev. 2.0	09/23/2022			10/06/2022 11:21	Ping Hua	2359142
	09/23/2022			10/11/2022 14:39	Judith K. Clark	2359150
EPA 351.2 Rev. 2.0	09/23/2022	09/28/2022 12:10	Alexandra J Mattheus	10/03/2022 15:30	Samantha L Bates	2359150
	09/23/2022	09/28/2022 12:10	Alexandra J Mattheus	10/04/2022 09:53	Samantha L Bates	2359142
EPA 353.2 Rev. 2.0	09/23/2022			10/03/2022 14:02	Judith K. Clark	2359150
	09/23/2022			10/04/2022 09:29	Beverly Y. Sanders	2359142
EPA 365.1 Rev. 2.0	09/23/2022	09/29/2022 14:45	Adam P Silver	09/30/2022 09:56	Simonne.V. Calhoun	2359142
	09/23/2022	09/29/2022 14:45	Adam P Silver	09/30/2022 13:01	Simonne.V. Calhoun	2359150
SM 2320 B-2011	09/23/2022			10/03/2022 21:21	Dale L. Simmons	2359141
	09/23/2022			10/03/2022 23:50	Dale L. Simmons	2359149
SM 2540 D-2011	09/23/2022			09/27/2022 15:36	Yijie Li	2359141, 2359149
SM 4500-F- C-2011	09/23/2022			10/03/2022 21:21	Dale L. Simmons	2359141
	09/23/2022			10/03/2022 23:50	Dale L. Simmons	2359149
SM 5310 B-2011	09/23/2022			09/30/2022 03:44	Touraj Touran	2359142
	09/23/2022			09/30/2022 03:57	Touraj Touran	2359150