Chemical Analysis Report

CEN-DIST-2021-11-16-01

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

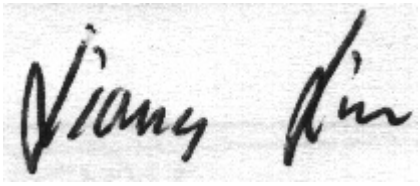
Event Description: **Lake Isabell**
Request ID: **RQ-2021-11-15-07**
Customer: **CEN-DIST**
Project ID: **SMP**

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: Liang Lin, Environmental Administrator

Date Certified: 06-DEC-2021 14:25



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: Lake Isabell @ Center **Collection Date/Time: 11/15/2021 12:08**

Field ID: G4CE0214 Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2289707	EPA 180.1 Rev. 2.0	Turbidity	0.80		NTU	P406390	
	EPA 300.0 Rev. 2.1	Chloride	18		mg Cl/L	P406523	
		Sulfate	22		mg SO4/L	P406525	
	SM 2120 B-2011	Color (true)	110	A	PCU	P406379	
	SM 2320 B-2011	Total Alkalinity	9.3		mg CaCO3/L	P406619	
	SM 2540 C-2011	TDS	103		mg/L	P406776	
	SM 2540 D-2011	TSS	2	U	mg/L	P406735	
	SM 4500 F-C-2011	Fluoride	0.080	I	mg F/L	P406621	
2289708	EPA 350.1 Rev. 2.0	Ammonia-N	0.010		mg N/L	P406718	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.76		mg N/L	P406792	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.007	I	mg N/L	P406418	
	EPA 365.1 Rev. 2.0	Total-P	0.015		mg P/L	P406543	
	SM 5310 B-2011	Organic Carbon	15		mg C/L	P406871	
2289709	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.004	U	mg P/L	P406382	

Quality Assurance Report
Method Blank Results

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P406390

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406523

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406525

Component	Result	Code	Units
Sulfate	0.20	U	mg SO4/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P406718

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P406792

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P406418

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P406543

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P406382

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

Reference Method: SM 2120 B-2011
Batch ID: P406379

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Quality Assurance Report
Method Blank Results

Reference Method: SM 2320 B-2011
Batch ID: P406619

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

Reference Method: SM 2540 C-2011
Batch ID: P406776

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 D-2011
Batch ID: P406735

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500 F-C-2011
Batch ID: P406621

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P406871

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: P406523

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

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406525

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P406718

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	91.6		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P406792

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: P406418

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: P406543

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: P406382

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	97.6		P	90 - 110

Reference Method: SM 2120 B-2011
Batch ID: P406379

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Color (true)	101		P	85 - 115

Reference Method: SM 2320 B-2011
Batch ID: P406619

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	99.8		P	94 - 106

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: SM 4500 F-C-2011
Batch ID: P406621

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	101		P	93 - 104

Reference Method: SM 5310 B-2011
Batch ID: P406871

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	96.3		P	85 - 115

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406523

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289658	Chloride	99.3		P	90 - 110
2289677	Chloride	99.8		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406525

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289658	Sulfate	103		P	90 - 110
2289677	Sulfate	104		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P406718

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289708	Ammonia-N	93.6	94.0	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P406792

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289708	Kjeldahl Nitrogen	110	103	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P406418

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289708	NO2NO3-N	99.0	96.5	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P406543

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289866	Total-P	103	103	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P406382

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289709	O-Phosphate-P	96.2	94.3	P/P	90 - 110

Reference Method: SM 4500 F-C-2011
Batch ID: P406621

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289929	Fluoride	101	101	P/P	92 - 107

Reference Method: SM 5310 B-2011
Batch ID: P406871

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2289729	Organic Carbon	95.7	95.9	P/P	85 - 115

Quality Assurance Report
Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P406390

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289693	Turbidity	3.62	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406523

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289658	Chloride	0.656	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P406525

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289658	Sulfate	0.981	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P406718

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289708	Ammonia-N	0.350	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P406792

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289708	Kjeldahl Nitrogen	3.89	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P406418

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289708	NO2NO3-N	2.47	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P406543

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289866	Total-P	0.341	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P406382

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289709	O-Phosphate-P	1.99	Spike	P	0 - 20

Quality Assurance Report
Precision

Reference Method: SM 2120 B-2011
Batch ID: P406379

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289707	Color (true)	1.16	Sample	P	0 - 20

Reference Method: SM 2320 B-2011
Batch ID: P406619

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289929	Total Alkalinity	0.0923	Sample	P	0 - 5.2

Reference Method: SM 2540 C-2011
Batch ID: P406776

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289658	TDS	1.92	Sample	P	0 - 10

Reference Method: SM 2540 D-2011
Batch ID: P406735

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289658	TSS	7.69	Sample	P	0 - 10

Reference Method: SM 4500 F-C-2011
Batch ID: P406621

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289929	Fluoride	0.487	Spike	P	0 - 2.1

Reference Method: SM 5310 B-2011
Batch ID: P406871

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2289729	Organic Carbon	0.163	Spike	P	0 - 20

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

Quality Assurance Report
Calibration Verification

Reference Method: SM 2120 B-2011
Run ID: A108924
Included Lab Sample IDs: 2289707

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	103	102	P/P	85 - 115

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Run ID: A108925
Included Lab Sample IDs: 2289709

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	98.3	98.6	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A108927
Included Lab Sample IDs: 2289707

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

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A108938
Included Lab Sample IDs: 2289708

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	102	97.5	P/P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Run ID: A108975
Included Lab Sample IDs: 2289707

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	99.9	97.7	P/P	90 - 110
Sulfate	101	97.8	P/P	90 - 110

Reference Method: SM 2320 B-2011
Run ID: A109022
Included Lab Sample IDs: 2289707

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	100	96.8	P/P	90 - 110

Reference Method: SM 4500 F-C-2011
Run ID: A109022
Included Lab Sample IDs: 2289707

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

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A109059
Included Lab Sample IDs: 2289708

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	94.0	93.6	P/P	90 - 110

Quality Assurance Report
Calibration Verification

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A109063
Included Lab Sample IDs: 2289708

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.5	99.2	P/P	90 - 110

Reference Method: SM 5310 B-2011
Run ID: A109141
Included Lab Sample IDs: 2289708

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	98.4	96.9	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A109155
Included Lab Sample IDs: 2289708

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	100	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		Precision		
					LCS	SMP	MS
EPA 180.1 Rev. 2.0	Turbidity					3.62	
EPA 300.0 Rev. 2.1	Chloride	100	99.3	99.8		0.656	
	Sulfate	101	103	104		0.981	
EPA 350.1 Rev. 2.0	Ammonia-N	91.6	93.6	94.0			0.350
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	105	110	103			3.89
EPA 353.2 Rev. 2.0	NO2NO3-N	103	99.0	96.5			2.47
EPA 365.1 Rev. 2.0	Total-P	103	103	103			0.341
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	97.6	96.2	94.3			1.99
SM 2120 B-2011	Color (true)	101				1.16	
SM 2320 B-2011	Total Alkalinity	99.8				0.0923	
SM 2540 C-2011	TDS					1.92	
SM 2540 D-2011	TSS					7.69	
SM 4500 F-C-2011	Fluoride	101	101	101			0.487
SM 5310 B-2011	Organic Carbon	96.3	95.7	95.9			0.163

Reference Method Descriptions

Method	Description	Associated Samples
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2289707
EPA 300.0 Rev. 2.1	Chloride in aqueous matrices	2289707
EPA 300.0 Rev. 2.1	Sulfate in aqueous matrices	2289707
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2289708
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2289708
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2289708
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2289708
EPA 365.1 Rev. 2.0 dissolved	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2289709
SM 2120 B-2011	True Color measured at 450 nm (not valid for NPDES monitoring)	2289707
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2289707
SM 2540 C-2011	Total Dissolved Solids in aqueous matrices	2289707
SM 2540 D-2011	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2289707
SM 4500 F-C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2289707
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2289708

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	11/16/2021			11/16/2021 16:53	Khloe J Berg	2289707
EPA 300.0 Rev. 2.1	11/16/2021			11/17/2021 22:27	Roberta Tatti	2289707
EPA 350.1 Rev. 2.0	11/16/2021			11/23/2021 14:10	Roberta Tatti	2289708
EPA 351.2 Rev. 2.0	11/16/2021	11/29/2021 13:13	Benjamin T. Nordmann	11/30/2021 14:04	Alexandra J Mattheus	2289708
EPA 353.2 Rev. 2.0	11/16/2021			11/17/2021 09:58	Beverly Y. Sanders	2289708
EPA 365.1 Rev. 2.0	11/16/2021	11/19/2021 14:45	Madeline Gruver	11/22/2021 17:16	Sarah A Nixon	2289708
EPA 365.1 Rev. 2.0 dissolved	11/16/2021			11/16/2021 15:15	James L Waggerby	2289709
SM 2120 B-2011	11/16/2021			11/16/2021 15:23	Blanca Fach	2289707
SM 2320 B-2011	11/16/2021			11/18/2021 19:27	Dale L. Simmons	2289707
SM 2540 C-2011	11/16/2021			11/18/2021 15:56	Yijie Li	2289707
SM 2540 D-2011	11/16/2021			11/18/2021 15:56	Yijie Li	2289707
SM 4500 F-C-2011	11/16/2021			11/18/2021 19:27	Dale L. Simmons	2289707
SM 5310 B-2011	11/16/2021			11/30/2021 02:27	Khloe J Berg	2289708