

Chemical Analysis Report

NE-DIST-2021-10-19-01

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

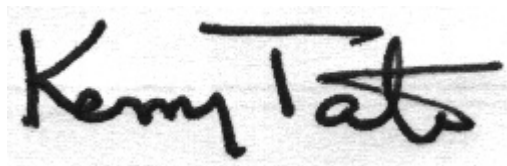
Event Description: **Palm Valley Boat**
Request ID: **RQ-2021-10-18-17**
Customer: **NE-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish

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: Kerry Tate, Ph.D., Environmental Administrator

Date Certified: 12-NOV-2021 12:14

A handwritten signature in black ink that reads "Kerry Tate". The signature is written in a cursive, flowing style with a horizontal line above the first name.

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: Marshall Creek 0.5 miles above mouth

Collection Date/Time: 10/18/2021 10:10

Field ID: G5NE0595

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2284498	EPA 180.1 Rev. 2.0	Turbidity	5.2		NTU	P405260	
	SM 2320 B-2011	Total Alkalinity	113		mg CaCO3/L	P405522	
	SM 2540 D-2011	TSS	10		mg/L	P405882	
	SM 4500 F-C-2011	Fluoride	0.94		mg F/L	P405525	
2284501	EPA 350.1 Rev. 2.0	Ammonia-N	0.030		mg N/L	P405589	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.54		mg N/L	P405571	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.012		mg N/L	P405670	
	EPA 365.1 Rev. 2.0	Total-P	0.065		mg P/L	P405466	
	SM 5310 B-2011	Organic Carbon	8.4		mg C/L	P405725	
2284504	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.043		mg P/L	P405270	

Ref. Method and Comment:

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

Sample Location: Capo Creek 300M Above Mouth

Collection Date/Time: 10/18/2021 10:45

Field ID: 27010019

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2284499	EPA 180.1 Rev. 2.0	Turbidity	5.1		NTU	P405260	
	SM 2320 B-2011	Total Alkalinity	114		mg CaCO3/L	P405522	
	SM 2540 D-2011	TSS	11		mg/L	P405882	
	SM 4500 F-C-2011	Fluoride	1.0		mg F/L	P405525	
2284502	EPA 350.1 Rev. 2.0	Ammonia-N	0.020		mg N/L	P405589	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.52		mg N/L	P405571	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.009	I	mg N/L	P405670	
	EPA 365.1 Rev. 2.0	Total-P	0.059		mg P/L	P405466	
	SM 5310 B-2011	Organic Carbon	6.8		mg C/L	P405725	
2284505	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.031		mg P/L	P405270	

Ref. Method and Comment:

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

Sample Location: Deep Creek 270M Above ICW

Collection Date/Time: 10/18/2021 11:10

Field ID: 27010165

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2284500	EPA 180.1 Rev. 2.0	Turbidity	7.4		NTU	P405260	
	SM 2320 B-2011	Total Alkalinity	113		mg CaCO3/L	P405522	
	SM 2540 D-2011	TSS	14		mg/L	P405882	
	SM 4500 F-C-2011	Fluoride	0.94		mg F/L	P405525	
2284503	EPA 350.1 Rev. 2.0	Ammonia-N	0.024		mg N/L	P405589	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.59		mg N/L	P405571	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.012		mg N/L	P405670	
	EPA 365.1 Rev. 2.0	Total-P	0.071		mg P/L	P405466	
	SM 5310 B-2011	Organic Carbon	8.3		mg C/L	P405725	
2284506	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.041		mg P/L	P405270	

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: P405260

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405589

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405571

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405670

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405466

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405270

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

Reference Method: SM 2320 B-2011
Batch ID: P405522

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

Reference Method: SM 2540 D-2011
Batch ID: P405882

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500 F-C-2011
Batch ID: P405525

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Quality Assurance Report

Method Blank Results

Reference Method: SM 5310 B-2011
Batch ID: P405725

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

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 350.1 Rev. 2.0

Batch ID: P405589

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	99.2		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Batch ID: P405571

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	96.4		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Batch ID: P405670

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

Reference Method: EPA 365.1 Rev. 2.0

Batch ID: P405466

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total-P	106		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Batch ID: P405270

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	93.5		P	90 - 110

Reference Method: SM 2320 B-2011

Batch ID: P405522

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	102		P	94 - 106

Reference Method: SM 4500 F-C-2011

Batch ID: P405525

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	100		P	93 - 104

Reference Method: SM 5310 B-2011

Batch ID: P405725

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	96.4		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405589

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284372	Ammonia-N	97.8	99.0	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405571

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284501	Kjeldahl Nitrogen	101	92.1	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405670

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284942	NO2NO3-N	99.0	100	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405466

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284390	Total-P	107	103	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405270

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284505	O-Phosphate-P	100	98.9	P/P	90 - 110

Reference Method: SM 4500 F-C-2011
Batch ID: P405525

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284389	Fluoride	98.9	99.7	P/P	92 - 107

Reference Method: SM 5310 B-2011
Batch ID: P405725

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2284503	Organic Carbon	93.2	93.0	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P405260

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284464	Turbidity	3.66	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405589

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284372	Ammonia-N	1.14	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405571

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284501	Kjeldahl Nitrogen	7.79	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405670

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284942	NO2NO3-N	0.546	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405466

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284390	Total-P	3.16	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405270

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284505	O-Phosphate-P	0.917	Spike	P	0 - 20

Reference Method: SM 2320 B-2011
Batch ID: P405522

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284389	Total Alkalinity	1.02	Sample	P	0 - 5.2

Reference Method: SM 4500 F-C-2011
Batch ID: P405525

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284389	Fluoride	0.480	Spike	P	0 - 2.1

Quality Assurance Report Precision

Reference Method: SM 5310 B-2011
Batch ID: P405725

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2284503	Organic Carbon	0.220	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: A108414

Included Lab Sample IDs: 2284498, 2284499, 2284500

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Run ID: A108416

Included Lab Sample IDs: 2284504, 2284505, 2284506

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	99.0	99.7	P/P	90 - 110

Reference Method: SM 2320 B-2011

Run ID: A108510

Included Lab Sample IDs: 2284498, 2284499, 2284500

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	98.8	102	P/P	90 - 110

Reference Method: SM 4500 F-C-2011

Run ID: A108510

Included Lab Sample IDs: 2284498, 2284499, 2284500

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

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A108537

Included Lab Sample IDs: 2284501, 2284502, 2284503

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	97.6	97.2	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A108538

Included Lab Sample IDs: 2284501, 2284502, 2284503

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.2	99.8	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A108560

Included Lab Sample IDs: 2284501, 2284502, 2284503

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

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A108563

Included Lab Sample IDs: 2284501, 2284502, 2284503

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	97.7	99.8	P/P	90 - 110

Quality Assurance Report Calibration Verification

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A108563

Included Lab Sample IDs: 2284501, 2284502, 2284503

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	99.0	97.7	P/P	90 - 110

Reference Method: SM 5310 B-2011

Run ID: A108594

Included Lab Sample IDs: 2284501, 2284502, 2284503

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	94.4	92.6	P/P	90 - 110
Organic Carbon	94.4	94.1	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					3.66	
EPA 350.1 Rev. 2.0	Ammonia-N	99.2	97.8	99.0			1.14
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	96.4	101	92.1			7.79
EPA 353.2 Rev. 2.0	NO ₂ NO ₃ -N	100	99.0	100			0.546
EPA 365.1 Rev. 2.0	Total-P	106	107	103			3.16
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	93.5	100	98.9			0.917
SM 2320 B-2011	Total Alkalinity	102				1.02	
SM 4500 F-C-2011	Fluoride	100	98.9	99.7			0.480
SM 5310 B-2011	Organic Carbon	96.4	93.2	93.0			0.220

Reference Method Descriptions

Method	Description	Associated Samples
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2284498, 2284499, 2284500
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2284501, 2284502, 2284503
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2284501, 2284502, 2284503
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2284501, 2284502, 2284503
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2284501, 2284502, 2284503
EPA 365.1 Rev. 2.0 dissolved	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2284504, 2284505, 2284506
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO ₃ /L	2284498, 2284499, 2284500
SM 2540 D-2011	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2284498, 2284499, 2284500
SM 4500 F-C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2284498, 2284499, 2284500
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2284501, 2284502, 2284503

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	10/19/2021			10/19/2021 16:16	Khloe J Berg	2284498, 2284499, 2284500
EPA 350.1 Rev. 2.0	10/19/2021			10/26/2021 12:59	Ping Hua	2284501
	10/19/2021			10/26/2021 13:01	Ping Hua	2284502
	10/19/2021			10/26/2021 13:02	Ping Hua	2284503
EPA 351.2 Rev. 2.0	10/19/2021	10/26/2021 09:10	Benjamin T. Nordmann	10/27/2021 12:23	Alexandra J Mattheus	2284501
	10/19/2021	10/26/2021 09:10	Benjamin T. Nordmann	10/27/2021 12:31	Alexandra J Mattheus	2284502
	10/19/2021	10/26/2021 09:10	Benjamin T. Nordmann	10/27/2021 12:33	Alexandra J Mattheus	2284503
EPA 353.2 Rev. 2.0	10/19/2021			10/26/2021 12:23	Virginia P. Brown	2284501
	10/19/2021			10/26/2021 12:28	Virginia P. Brown	2284502
	10/19/2021			10/26/2021 12:29	Virginia P. Brown	2284503
EPA 365.1 Rev. 2.0	10/19/2021	10/22/2021 12:26	Simonne.V. Calhoun	10/26/2021 13:19	Lipi Saha	2284501
	10/19/2021	10/22/2021 12:26	Simonne.V. Calhoun	10/26/2021 13:20	Lipi Saha	2284502
	10/19/2021	10/22/2021 12:26	Simonne.V. Calhoun	10/26/2021 13:21	Lipi Saha	2284503
EPA 365.1 Rev. 2.0 dissolved	10/19/2021			10/19/2021 17:38	James L Waggeberby	2284505
	10/19/2021			10/19/2021 17:43	James L Waggeberby	2284504
	10/19/2021			10/19/2021 17:44	James L Waggeberby	2284506
SM 2320 B-2011	10/19/2021			10/23/2021 06:59	Dale L. Simmons	2284498
	10/19/2021			10/23/2021 07:13	Dale L. Simmons	2284499
	10/19/2021			10/23/2021 07:27	Dale L. Simmons	2284500
SM 2540 D-2011	10/19/2021			10/22/2021 15:35	Yijie Li	2284498, 2284499, 2284500
SM 4500 F-C-2011	10/19/2021			10/23/2021 04:58	Dale L. Simmons	2284498
	10/19/2021			10/23/2021 05:04	Dale L. Simmons	2284499
	10/19/2021			10/23/2021 05:09	Dale L. Simmons	2284500
SM 5310 B-2011	10/19/2021			10/26/2021 04:36	Khloe J Berg	2284503
	10/19/2021			10/26/2021 17:54	Khloe J Berg	2284501
	10/19/2021			10/26/2021 18:49	Khloe J Berg	2284502