Chemical Analysis Report

CEN-DIST-2022-05-13-01

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

Event Description: **Run 19**
Request ID: **RQ-2022-05-09-22**
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
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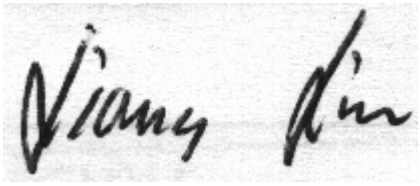
Certified by: Liang Lin, Environmental Administrator

Date Certified: 08-JUN-2022 13:58



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: Holly Hill Ditch @ Ridgewood **Collection Date/Time: 05/12/2022 12:28**

Field ID: G5CE0158 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2326861	EPA 180.1 Rev. 2.0	Turbidity	3.4		NTU	P413821	
	SM 2320 B-2011	Total Alkalinity	162	AJ	mg CaCO3/L	P414062	RPD
	SM 2540 D-2011	TSS	5	I	mg/L	P414316	
	SM 4500-F- C-2011	Fluoride	0.39		mg F/L	P414063	
2326863	EPA 350.1 Rev. 2.0	Ammonia-N	0.008		mg N/L	P414159	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.78		mg N/L	P414368	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.009	I	mg N/L	P414015	
	EPA 365.1 Rev. 2.0	Total-P	0.10		mg P/L	P414231	
	SM 5310 B-2011	Organic Carbon	11		mg C/L	P414053	

Ref. Method and Comment:
SM 2320 B-2011: Refer to the Lab Analysis Report for an explanation of QC Codes.
SM 2540 D-2011: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Sample Location: Reed Canal @ Reed Canal Park **Collection Date/Time: 05/12/2022 11:46**

Field ID: G5CE0156 Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2326862	EPA 180.1 Rev. 2.0	Turbidity	2.2		NTU	P413821	
	SM 2320 B-2011	Total Alkalinity	204		mg CaCO3/L	P414067	
	SM 2540 D-2011	TSS	4	I	mg/L	P414314	
	SM 4500-F- C-2011	Fluoride	0.24		mg F/L	P414070	
2326864	EPA 350.1 Rev. 2.0	Ammonia-N	0.020		mg N/L	P414159	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.63		mg N/L	P414147	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.01	I	mg N/L	P414015	
	EPA 365.1 Rev. 2.0	Total-P	0.10		mg P/L	P414231	
	SM 5310 B-2011	Organic Carbon	9.2		mg C/L	P413909	

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: P413821

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P414159

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414147

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414368

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P414015

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P414231

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

Reference Method: SM 2320 B-2011
Batch ID: P414062

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

Reference Method: SM 2320 B-2011
Batch ID: P414067

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

Reference Method: SM 2540 D-2011
Batch ID: P414314

Component	Result	Code	Units
TSS	2	U	mg/L

Quality Assurance Report
Method Blank Results

Reference Method: SM 2540 D-2011
Batch ID: P414316

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500-F- C-2011
Batch ID: P414063

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 4500-F- C-2011
Batch ID: P414070

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P413909

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

Reference Method: SM 5310 B-2011
Batch ID: P414053

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: P413821

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P414159

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	97.0		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414147

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	98.6		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414368

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P414015

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P414231

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

Reference Method: SM 2320 B-2011
Batch ID: P414062

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	94.5		P	94 - 106

Reference Method: SM 2320 B-2011
Batch ID: P414067

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	98.7		P	94 - 106

Reference Method: SM 4500-F- C-2011
Batch ID: P414063

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	97.1		P	96 - 104

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: SM 4500-F- C-2011
Batch ID: P414070

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	99.9		P	96 - 104

Reference Method: SM 5310 B-2011
Batch ID: P413909

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	96.5		P	85 - 115

Reference Method: SM 5310 B-2011
Batch ID: P414053

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

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P414159

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326510	Ammonia-N	102	106	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414147

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326146	Kjeldahl Nitrogen	104	102	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414368

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326863	Kjeldahl Nitrogen	103	97.8	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P414015

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326778	NO2NO3-N	98.7	98.7	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P414231

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326872	Total-P	102	96.6	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Batch ID: P414063

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326861	Fluoride	97.7	98.4	P/P	94 - 104

Reference Method: SM 4500-F- C-2011
Batch ID: P414070

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327257	Fluoride	97.5	96.7	P/P	94 - 104

Reference Method: SM 5310 B-2011
Batch ID: P413909

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326703	Organic Carbon	96.6	97.9	P/P	85 - 115

Reference Method: SM 5310 B-2011
Batch ID: P414053

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2326872	Organic Carbon	93.2	94.9	P/P	85 - 115

Quality Assurance Report
Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P413821

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326735	Turbidity	2.12	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P414159

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326510	Ammonia-N	3.10	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414147

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326146	Kjeldahl Nitrogen	1.67	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P414368

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326863	Kjeldahl Nitrogen	4.03	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P414015

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326778	NO2NO3-N	0.0	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P414231

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326872	Total-P	5.56	Spike	P	0 - 20

Reference Method: SM 2320 B-2011
Batch ID: P414062

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326861	Total Alkalinity	5.27	Sample	F	0 - 3.8

Reference Method: SM 2320 B-2011
Batch ID: P414067

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327257	Total Alkalinity	1.61	Sample	P	0 - 3.8

Quality Assurance Report
Precision

Reference Method: SM 4500-F- C-2011
Batch ID: P414063

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326861	Fluoride	0.476	Spike	P	0 - 1.6

Reference Method: SM 4500-F- C-2011
Batch ID: P414070

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327257	Fluoride	0.473	Spike	P	0 - 1.6

Reference Method: SM 5310 B-2011
Batch ID: P413909

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326703	Organic Carbon	0.925	Spike	P	0 - 20

Reference Method: SM 5310 B-2011
Batch ID: P414053

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2326872	Organic Carbon	1.61	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: A112131
Included Lab Sample IDs: 2326861, 2326862

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

Reference Method: SM 5310 B-2011
Run ID: A112187
Included Lab Sample IDs: 2326864

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	95.4	97.2	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A112220
Included Lab Sample IDs: 2326863, 2326864

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

Reference Method: SM 5310 B-2011
Run ID: A112239
Included Lab Sample IDs: 2326863

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	98.1	99.9	P/P	90 - 110

Reference Method: SM 2320 B-2011
Run ID: A112241
Included Lab Sample IDs: 2326861

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	97.4	96.4	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Run ID: A112241
Included Lab Sample IDs: 2326861

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

Reference Method: SM 2320 B-2011
Run ID: A112245
Included Lab Sample IDs: 2326862

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	99.2	96.2	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Run ID: A112245
Included Lab Sample IDs: 2326862

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

Quality Assurance Report
Calibration Verification

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A112288
Included Lab Sample IDs: 2326863, 2326864

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	98.6	98.1	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A112401
Included Lab Sample IDs: 2326863

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	102	100	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A112404
Included Lab Sample IDs: 2326864

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

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A112419
Included Lab Sample IDs: 2326864

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	102	96.7	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A112589
Included Lab Sample IDs: 2326863

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	92.5	95.0	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	97.2				2.12	
EPA 350.1 Rev. 2.0	Ammonia-N	97.0	102	106			3.10
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	98.6	104	102			1.67
	Kjeldahl Nitrogen	102	103	97.8			4.03
EPA 353.2 Rev. 2.0	NO2NO3-N	98.0	98.7	98.7			0.0
EPA 365.1 Rev. 2.0	Total-P	103	102	96.6			5.56
SM 2320 B-2011	Total Alkalinity	94.5				5.27	
	Total Alkalinity	98.7				1.61	
SM 4500-F- C-2011	Fluoride	97.1	97.7	98.4			0.476
	Fluoride	99.9	97.5	96.7			0.473
SM 5310 B-2011	Organic Carbon	96.5	96.6	97.9			0.925
	Organic Carbon	102	93.2	94.9			1.61

Reference Method Descriptions

Method	Description	Associated Samples
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2326861, 2326862
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2326863, 2326864
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2326863, 2326864
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2326863, 2326864
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2326863, 2326864
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2326861, 2326862
SM 2540 D-2011	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2326861, 2326862
SM 4500-F- C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2326861, 2326862
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2326863, 2326864

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	05/13/2022			05/13/2022 13:27	Anna M. Plaviak	2326861
	05/13/2022			05/13/2022 13:28	Anna M. Plaviak	2326862
EPA 350.1 Rev. 2.0	05/13/2022			05/20/2022 10:00	Judith K. Clark	2326863
	05/13/2022			05/20/2022 10:01	Judith K. Clark	2326864
EPA 351.2 Rev. 2.0	05/13/2022	05/24/2022 09:04	Samantha L Bates	05/25/2022 11:40	Alexandra J Mattheus	2326864
	05/13/2022	06/02/2022 08:23	Samantha L Bates	06/02/2022 16:40	Alexandra J Mattheus	2326863
EPA 353.2 Rev. 2.0	05/13/2022			05/18/2022 10:17	Beverly Y. Sanders	2326863
	05/13/2022			05/18/2022 10:18	Beverly Y. Sanders	2326864
EPA 365.1 Rev. 2.0	05/13/2022	05/24/2022 03:30	Adam P Silver	05/25/2022 11:24	James L Waggerby	2326863
	05/13/2022	05/24/2022 03:30	Adam P Silver	05/25/2022 14:59	James L Waggerby	2326864
SM 2320 B-2011	05/13/2022			05/17/2022 19:25	Dale L. Simmons	2326861
	05/13/2022			05/19/2022 02:53	Dale L. Simmons	2326862
SM 2540 D-2011	05/13/2022			05/18/2022 14:36	Yijie Li	2326861, 2326862
SM 4500-F- C-2011	05/13/2022			05/17/2022 16:44	Dale L. Simmons	2326861
	05/13/2022			05/19/2022 02:53	Dale L. Simmons	2326862
SM 5310 B-2011	05/13/2022			05/16/2022 21:33	Khloe J Berg	2326864
	05/13/2022			05/18/2022 22:39	Judith K. Clark	2326863