

Chemical Analysis Report

CEN-DIST-2022-09-27-02

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

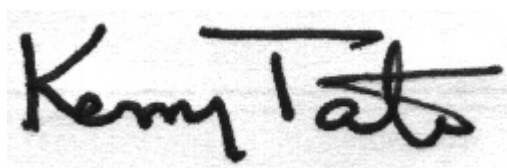
Event Description: **Coon Lake**
Request ID: **RQ-2022-08-22-13**
Customer: **CEN-DIST**
Project ID: **SMP**

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

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Certified by: Kerry Tate, Ph.D., Environmental Administrator

Date Certified: 19-OCT-2022 09:40

A handwritten signature in black ink that reads "Kerry Tate". The signature is written in a cursive, flowing style with a horizontal line extending from the end of the 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: Coon Lake @ Center

Collection Date/Time: 09/26/2022 12:04

Field ID: G4CE0162

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2359779	DEP SOP: NU-094-1	Color (true)	260		PCU	P420180	
	EPA 180.1 Rev. 2.0	Turbidity	5.4		NTU	P420184	
	EPA 300.0 Rev. 2.1	Chloride	26	A	mg Cl/L	P420634	
		Sulfate	9.3	A	mg SO4/L	P420638	
	SM 2320 B-2011	Total Alkalinity	2.8		mg CaCO3/L	P420553	
	SM 2540 C-2011	TDS	112		mg/L	P420667	
	SM 2540 D-2011	TSS	2	I	mg/L	P420672	
	SM 4500-F- C-2011	Fluoride	0.046	I	mg F/L	P420557	
2359780	EPA 350.1 Rev. 2.0	Ammonia-N	0.023		mg N/L	P420729	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.1		mg N/L	P420274	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.024		mg N/L	P420500	
	EPA 365.1 Rev. 2.0	Total-P	0.037		mg P/L	P420288	
	SM 5310 B-2011	Organic Carbon	22		mg C/L	P420538	

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: FB

Collection Date/Time: 09/26/2022 12:30

Field ID: FB_09262022

Matrix: W-FIELD-BK

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2359781	DEP SOP: NU-094-1	Color (true)	2.5	U	PCU	P420180	
	EPA 180.1 Rev. 2.0	Turbidity	0.10	U	NTU	P420184	
	EPA 300.0 Rev. 2.1	Chloride	0.20	U	mg Cl/L	P420634	
		Sulfate	0.20	U	mg SO4/L	P420638	
	SM 2320 B-2011	Total Alkalinity	0.65	U	mg CaCO3/L	P420553	
	SM 2540 C-2011	TDS	15	U	mg/L	P420664	
	SM 2540 D-2011	TSS	2	U	mg/L	P420669	
	SM 4500-F- C-2011	Fluoride	0.035	U	mg F/L	P420557	
2359782	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P420729	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.080	U	mg N/L	P420274	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P420500	
	EPA 365.1 Rev. 2.0	Total-P	0.002	U	mg P/L	P420288	
	SM 5310 B-2011	Organic Carbon	0.50	U	mg C/L	P420538	

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: DEP SOP: NU-094-1
Batch ID: P420180

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420184

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420634

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420638

Component	Result	Code	Units
Sulfate	0.20	U	mg SO4/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420729

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420274

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420500

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420288

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

Reference Method: SM 2320 B-2011
Batch ID: P420553

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

Quality Assurance Report

Method Blank Results

Reference Method: SM 2540 C-2011
Batch ID: P420664

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 C-2011
Batch ID: P420667

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 D-2011
Batch ID: P420669

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 2540 D-2011
Batch ID: P420672

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500-F- C-2011
Batch ID: P420557

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P420538

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

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: DEP SOP: NU-094-1
Batch ID: P420180

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Color (true)	101		P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420184

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

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420634

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

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420638

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420729

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420274

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: P420500

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: P420288

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

Reference Method: SM 2320 B-2011
Batch ID: P420553

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	99.3		P	94 - 106

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: SM 4500-F- C-2011
Batch ID: P420557

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	100		P	96 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420538

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	98.6		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420634

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359779	Chloride	96.0		P	90 - 110
2359913	Chloride	97.6		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420638

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359779	Sulfate	98.3		P	90 - 110
2359913	Sulfate	98.9		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420729

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359753	Ammonia-N	103	107	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420274

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359790	Kjeldahl Nitrogen	105	103	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420500

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359745	NO2NO3-N	101	100	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420288

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359744	Total-P	110	108	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Batch ID: P420557

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359568	Fluoride	100	99.5	P/P	94 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420538

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2359642	Organic Carbon	102	103	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: DEP SOP: NU-094-1
Batch ID: P420180

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359549	Color (true)	1.22	Sample	P	0 - 20

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420184

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359743	Turbidity	2.96	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420634

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359779	Chloride	0.476	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P420638

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359779	Sulfate	0.327	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420729

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359753	Ammonia-N	3.62	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420274

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359790	Kjeldahl Nitrogen	2.10	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420500

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359745	NO2NO3-N	0.496	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420288

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359744	Total-P	1.20	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: SM 2320 B-2011
Batch ID: P420553

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359568	Total Alkalinity	0.859	Sample	P	0 - 3.8

Reference Method: SM 2540 C-2011
Batch ID: P420664

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359302	TDS	8.00	Sample	P	0 - 10

Reference Method: SM 2540 C-2011
Batch ID: P420667

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359743	TDS	2.96	Sample	P	0 - 10

Reference Method: SM 4500-F- C-2011
Batch ID: P420557

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359568	Fluoride	0.477	Spike	P	0 - 1.6

Reference Method: SM 5310 B-2011
Batch ID: P420538

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2359642	Organic Carbon	0.395	Spike	P	0 - 20

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

Quality Assurance Report Calibration Verification

Reference Method: DEP SOP: NU-094-1

Run ID: A114965

Included Lab Sample IDs: 2359779, 2359781

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	103	101	P/P	90 - 110
Color (true)	103	103	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0

Run ID: A114967

Included Lab Sample IDs: 2359779, 2359781

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: A115084

Included Lab Sample IDs: 2359780, 2359782

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

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A115137

Included Lab Sample IDs: 2359780, 2359782

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

Reference Method: SM 5310 B-2011

Run ID: A115145

Included Lab Sample IDs: 2359780, 2359782

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	99.2	99.4	P/P	90 - 110

Reference Method: SM 2320 B-2011

Run ID: A115150

Included Lab Sample IDs: 2359779, 2359781

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	101	95.7	P/P	90 - 110
Total Alkalinity	94.5	101	P/P	90 - 110

Reference Method: SM 4500-F- C-2011

Run ID: A115150

Included Lab Sample IDs: 2359779, 2359781

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

Quality Assurance Report Calibration Verification

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A115187

Included Lab Sample IDs: 2359780, 2359782

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	105	99.7	P/P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1

Run ID: A115188

Included Lab Sample IDs: 2359779, 2359781

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	99.1	100	P/P	90 - 110
Sulfate	101	102	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A115223

Included Lab Sample IDs: 2359780, 2359782

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	98.9	99.2	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	
					LCS	MS
DEP SOP: NU-094-1	Color (true)	101			1.22	
EPA 180.1 Rev. 2.0	Turbidity	101			2.96	
EPA 300.0 Rev. 2.1	Chloride	101	96.0	97.6	0.476	
	Sulfate	102	98.3	98.9	0.327	
EPA 350.1 Rev. 2.0	Ammonia-N	99.6	103	107		3.62
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	105	105	103		2.10
EPA 353.2 Rev. 2.0	NO2NO3-N	102	101	100		0.496
EPA 365.1 Rev. 2.0	Total-P	108	110	108		1.20
SM 2320 B-2011	Total Alkalinity	99.3			0.859	
SM 2540 C-2011	TDS				8.00	
	TDS				2.96	
SM 4500-F- C-2011	Fluoride	100	100	99.5		0.477
SM 5310 B-2011	Organic Carbon	98.6	102	103		0.395

Reference Method Descriptions

Method	Description	Associated Samples
DEP SOP: NU-094-1	True Color measured at 450 nm (not valid for NPDES monitoring)	2359779, 2359781
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2359779, 2359781
EPA 300.0 Rev. 2.1	Chloride in aqueous matrices	2359779, 2359781
EPA 300.0 Rev. 2.1	Sulfate in aqueous matrices	2359779, 2359781
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2359780, 2359782
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2359780, 2359782
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2359780, 2359782
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2359780, 2359782
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2359779, 2359781
SM 2540 C-2011	Total Dissolved Solids in aqueous matrices	2359779, 2359781
SM 2540 D-2011	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2359779, 2359781
SM 4500-F- C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2359779, 2359781
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2359780, 2359782

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
DEP SOP: NU-094-1	09/27/2022			09/27/2022 15:51	Anna M. Plaviak	2359781
	09/27/2022			09/27/2022 15:58	Anna M. Plaviak	2359779
EPA 180.1 Rev. 2.0	09/27/2022			09/27/2022 16:01	Chandler E Cox	2359779
	09/27/2022			09/27/2022 16:02	Chandler E Cox	2359781
EPA 300.0 Rev. 2.1	09/27/2022			10/06/2022 17:10	Anna M. Plaviak	2359779
	09/27/2022			10/06/2022 19:41	Anna M. Plaviak	2359781
EPA 350.1 Rev. 2.0	09/27/2022			10/11/2022 13:35	Judith K. Clark	2359780
	09/27/2022			10/11/2022 13:36	Judith K. Clark	2359782
EPA 351.2 Rev. 2.0	09/27/2022	09/29/2022 11:16	Simonne.V. Calhoun	10/07/2022 14:41	Alexandra J Mattheus	2359780
	09/27/2022	09/29/2022 11:16	Simonne.V. Calhoun	10/07/2022 14:43	Alexandra J Mattheus	2359782
EPA 353.2 Rev. 2.0	09/27/2022			10/05/2022 10:28	Beverly Y. Sanders	2359780
	09/27/2022			10/05/2022 10:29	Beverly Y. Sanders	2359782
EPA 365.1 Rev. 2.0	09/27/2022	09/30/2022 12:23	Adam P Silver	10/03/2022 12:45	James L Waggerby	2359782
	09/27/2022	09/30/2022 12:23	Adam P Silver	10/03/2022 12:50	James L Waggerby	2359780
SM 2320 B-2011	09/27/2022			10/05/2022 23:56	Dale L. Simmons	2359779
	09/27/2022			10/06/2022 00:27	Dale L. Simmons	2359781
SM 2540 C-2011	09/27/2022			09/30/2022 16:11	Yijie Li	2359779, 2359781
SM 2540 D-2011	09/27/2022			09/30/2022 16:11	Yijie Li	2359779, 2359781
SM 4500-F- C-2011	09/27/2022			10/05/2022 23:56	Dale L. Simmons	2359779
	09/27/2022			10/06/2022 00:27	Dale L. Simmons	2359781
SM 5310 B-2011	09/27/2022			10/05/2022 08:17	Touraj Touran	2359780
	09/27/2022			10/05/2022 08:31	Touraj Touran	2359782