Chemical Analysis Report

CEN-DIST-2022-10-06-01

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

Event Description: **3 Forks Marsh x2**
Request ID: **RQ-2022-10-03-26**
Customer: **CEN-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
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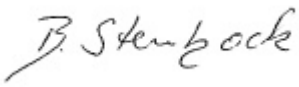
Certified by: Dr. rer. nat. Bettina Steinbock, Environmental Administrator Date Certified: 26-OCT-2022 16:02



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: SJR upstream of Lake Hellen Blazes **Collection Date/Time: 10/05/2022 10:15**

Field ID: G3CE0018 Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2360938	DEP SOP: NU-094-1	Color (true)	360		PCU	P420579	
	EPA 180.1 Rev. 2.0	Turbidity	9.2		NTU	P420584	
	EPA 300.0 Rev. 2.1	Chloride	37		mg Cl/L	P421102	
		Sulfate	4.5		mg SO4/L	P421105	
	SM 2320 B-2011	Total Alkalinity	47		mg CaCO3/L	P420770	
	SM 2540 C-2015	TDS	208		mg/L	P421275	
	SM 2540 D-2015	TSS	6	I	mg/L	P420916	
	SM 4500-F- C-2011	Fluoride	0.093	I	mg F/L	P420772	
2360940	EPA 350.1 Rev. 2.0	Ammonia-N	0.024		mg N/L	P420793	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	2.8		mg N/L	P420652	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P420663	
	EPA 365.1 Rev. 2.0	Total-P	0.57		mg P/L	P420695	
	SM 5310 B-2011	Organic Carbon	39		mg C/L	P420853	

Ref. Method and Comment:
EPA 300.0 Rev. 2.1: Sulfate: Batch matrix spike recoveries for one of two spiked samples are unavailable because of sample matrix interference.
SM 2540 D-2015: 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: 3- Forks at 725m upstream of Bulldozer Canal **Collection Date/Time: 10/05/2022 10:00**

Field ID: G3CE0067 Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2360939	DEP SOP: NU-094-1	Color (true)	370		PCU	P420579	
	EPA 180.1 Rev. 2.0	Turbidity	8.5		NTU	P420584	
	EPA 300.0 Rev. 2.1	Chloride	32		mg Cl/L	P421102	
		Sulfate	2.9		mg SO4/L	P421105	
	SM 2320 B-2011	Total Alkalinity	43		mg CaCO3/L	P420770	
	SM 2540 C-2015	TDS	182		mg/L	P421275	
	SM 2540 D-2015	TSS	7	I	mg/L	P420916	
	SM 4500-F- C-2011	Fluoride	0.083	I	mg F/L	P420772	
2360941	EPA 350.1 Rev. 2.0	Ammonia-N	0.033		mg N/L	P420793	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	2.7		mg N/L	P420652	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P420663	
	EPA 365.1 Rev. 2.0	Total-P	0.63		mg P/L	P420695	
	SM 5310 B-2011	Organic Carbon	38		mg C/L	P420853	

Ref. Method and Comment:
EPA 300.0 Rev. 2.1: Sulfate: Batch matrix spike recoveries for one of two spiked samples are unavailable because of sample matrix interference.
SM 2540 D-2015: 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.

Quality Assurance Report
Method Blank Results

Reference Method: DEP SOP: NU-094-1
Batch ID: P420579

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420584

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421102

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421105

Component	Result	Code	Units
Sulfate	0.20	U	mg SO4/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420793

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420652

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420663

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420695

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

Reference Method: SM 2320 B-2011
Batch ID: P420770

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

Quality Assurance Report
Method Blank Results

Reference Method: SM 2540 C-2015
Batch ID: P421275

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 D-2015
Batch ID: P420916

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500-F- C-2011
Batch ID: P420772

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P420853

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: P420579

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Color (true)	100		P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420584

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

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421102

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chloride	99.7		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421105

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420793

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420652

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	95.3		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420663

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: P420695

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

Reference Method: SM 2320 B-2011
Batch ID: P420770

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

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: SM 2540 C-2015
Batch ID: P421275

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
TDS	92.2		P	90 - 110

Reference Method: SM 2540 D-2015
Batch ID: P420916

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
TSS	89.0		P	85 - 106

Reference Method: SM 4500-F- C-2011
Batch ID: P420772

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	102		P	94 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420853

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

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421102

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2360910	Chloride	96.7		P	90 - 110
2360938	Chloride	97.0		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421105

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2360938	Sulfate	100		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420793

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2360940	Ammonia-N	98.8	103	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420663

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2360955	NO2NO3-N	101	102	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420695

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2360928	Total-P	103	104	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Batch ID: P420772

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2361114	Fluoride	102	101	P/P	94 - 104

Reference Method: SM 5310 B-2011
Batch ID: P420853

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2361020	Organic Carbon	97.8	97.5	P/P	85 - 115

Quality Assurance Report
Precision

Reference Method: DEP SOP: NU-094-1
Batch ID: P420579

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360769	Color (true)	0.119	Sample	P	0 - 20

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P420584

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360769	Turbidity	3.21	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421102

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360910	Chloride	0.277	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P421105

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360910	Sulfate	0.205	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P420793

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360940	Ammonia-N	2.55	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P420652

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360846	Kjeldahl Nitrogen	0.701	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P420663

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360955	NO2NO3-N	0.889	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P420695

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360928	Total-P	0.879	Spike	P	0 - 20

Quality Assurance Report
Precision

Reference Method: SM 2320 B-2011
Batch ID: P420770

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2361114	Total Alkalinity	0.728	Sample	P	0 - 3.8

Reference Method: SM 2540 C-2015
Batch ID: P421275

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2360786	TDS	5.41	Sample	P	0 - 10

Reference Method: SM 4500-F- C-2011
Batch ID: P420772

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2361114	Fluoride	0.476	Spike	P	0 - 1.6

Reference Method: SM 5310 B-2011
Batch ID: P420853

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2361020	Organic Carbon	0.228	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: A115157
Included Lab Sample IDs: 2360938, 2360939

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	102	102	P/P	90 - 110
Color (true)	102	103	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A115159
Included Lab Sample IDs: 2360938, 2360939

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

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A115199
Included Lab Sample IDs: 2360940, 2360941

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

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A115218
Included Lab Sample IDs: 2360940, 2360941

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	102	99.4	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A115232
Included Lab Sample IDs: 2360940, 2360941

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

Reference Method: SM 2320 B-2011
Run ID: A115243
Included Lab Sample IDs: 2360938, 2360939

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	99.7	98.6	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Run ID: A115243
Included Lab Sample IDs: 2360938, 2360939

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

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A115254
Included Lab Sample IDs: 2360940, 2360941

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

Quality Assurance Report
Calibration Verification

Reference Method: SM 5310 B-2011
Run ID: A115273
Included Lab Sample IDs: 2360940, 2360941

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	98.6	98.2	P/P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Run ID: A115395
Included Lab Sample IDs: 2360938, 2360939

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	98.5	99.2	P/P	90 - 110
Sulfate	99.7	101	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
DEP SOP: NU-094-1	Color (true)	100				0.119	
EPA 180.1 Rev. 2.0	Turbidity	101				3.21	
EPA 300.0 Rev. 2.1	Chloride	99.7	96.7	97.0		0.277	
	Sulfate	102	100			0.205	
EPA 350.1 Rev. 2.0	Ammonia-N	101	98.8	103			2.55
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	95.3					0.701
EPA 353.2 Rev. 2.0	NO2NO3-N	102	101	102			0.889
EPA 365.1 Rev. 2.0	Total-P	104	103	104			0.879
SM 2320 B-2011	Total Alkalinity	102				0.728	
SM 2540 C-2015	TDS	92.2				5.41	
SM 2540 D-2015	TSS	89.0					
SM 4500-F- C-2011	Fluoride	102	102	101			0.476
SM 5310 B-2011	Organic Carbon	96.6	97.8	97.5			0.228

Reference Method Descriptions

Method	Description	Associated Samples
DEP SOP: NU-094-1	True Color measured at 450 nm (not valid for NPDES monitoring)	2360938, 2360939
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2360938, 2360939
EPA 300.0 Rev. 2.1	Chloride in aqueous matrices	2360938, 2360939
EPA 300.0 Rev. 2.1	Sulfate in aqueous matrices	2360938, 2360939
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2360940, 2360941
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2360940, 2360941
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2360940, 2360941
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2360940, 2360941
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2360938, 2360939
SM 2540 C-2015	Total Dissolved Solids in aqueous matrices	2360938, 2360939
SM 2540 D-2015	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2360938, 2360939
SM 4500-F- C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2360938, 2360939
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2360940, 2360941

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	10/06/2022			10/06/2022 14:23	Anna M. Plaviak	2360938
	10/06/2022			10/06/2022 14:28	Anna M. Plaviak	2360939
EPA 180.1 Rev. 2.0	10/06/2022			10/06/2022 14:26	Chandler E Cox	2360938
	10/06/2022			10/06/2022 14:27	Chandler E Cox	2360939
EPA 300.0 Rev. 2.1	10/06/2022			10/18/2022 23:45	Anna M. Plaviak	2360938
	10/06/2022			10/19/2022 00:46	Anna M. Plaviak	2360939
EPA 350.1 Rev. 2.0	10/06/2022			10/12/2022 11:25	Judith K. Clark	2360940
	10/06/2022			10/12/2022 11:29	Judith K. Clark	2360941
EPA 351.2 Rev. 2.0	10/06/2022	10/10/2022 13:58	Samantha L Bates	10/11/2022 10:07	Samantha L Bates	2360940
	10/06/2022	10/10/2022 13:58	Samantha L Bates	10/11/2022 10:08	Samantha L Bates	2360941
EPA 353.2 Rev. 2.0	10/06/2022			10/10/2022 10:30	Beverly Y. Sanders	2360940
	10/06/2022			10/10/2022 10:32	Beverly Y. Sanders	2360941
EPA 365.1 Rev. 2.0	10/06/2022	10/11/2022 11:50	Simonne.V. Calhoun	10/11/2022 15:41	James L Waggerby	2360940
	10/06/2022	10/11/2022 11:50	Simonne.V. Calhoun	10/11/2022 15:42	James L Waggerby	2360941
SM 2320 B-2011	10/06/2022			10/12/2022 01:55	Adam P Silver	2360938
	10/06/2022			10/12/2022 02:07	Adam P Silver	2360939
SM 2540 C-2015	10/06/2022			10/11/2022 15:26	Yijie Li	2360938, 2360939
SM 2540 D-2015	10/06/2022			10/11/2022 15:26	Yijie Li	2360938, 2360939
SM 4500-F- C-2011	10/06/2022			10/12/2022 01:55	Adam P Silver	2360938
	10/06/2022			10/12/2022 02:07	Adam P Silver	2360939
SM 5310 B-2011	10/06/2022			10/12/2022 18:05	Khloe J Berg	2360940
	10/06/2022			10/12/2022 18:20	Khloe J Berg	2360941