

Chemical Analysis Report

CEN-DIST-2023-10-03-02

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

Event Description: **Run 12**
Request ID: **RQ-2023-10-02-25**
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: Chris Bowen, Environmental Administrator

Date Certified: 19-OCT-2023 09:25



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 Warren at Center

Collection Date/Time: 10/02/2023 10:04

Field ID: G4CE0236

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2442377	DEP SOP: NU-094-1	Color (true)	64		PCU	P435891	
	EPA 180.1 Rev. 2.0	Turbidity	7.8		NTU	P435887	
	EPA 300.0 Rev. 2.1	Chloride	20		mg Cl/L	P436168	
		Sulfate	6.0		mg SO4/L	P436171	
	SM 2320 B-2011	Total Alkalinity	37		mg CaCO3/L	P436023	
	SM 2540 C-2015	TDS	111		mg/L	P436427	
	SM 2540 D-2015	TSS	8	I	mg/L	P436386	
	SM 4500-F- C-2011	Fluoride	0.079	I	mg F/L	P436026	
2442379	EPA 350.1 Rev. 2.0	Ammonia-N	0.005		mg N/L	P436136	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.5		mg N/L	P436480	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P436375	
	EPA 365.1 Rev. 2.0	Total-P	0.054		mg P/L	P436113	
	SM 5310 B-2011	Organic Carbon	15		mg C/L	P436111	

Ref. Method and Comment:

SM 2540 D-2015: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Sample Location: Hourglass Lake at Center

Collection Date/Time: 10/02/2023 11:13

Field ID: G4CE0178

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2442378	DEP SOP: NU-094-1	Color (true)	16	A	PCU	P435891	
	EPA 180.1 Rev. 2.0	Turbidity	3.8		NTU	P435887	
	EPA 300.0 Rev. 2.1	Chloride	15		mg Cl/L	P436168	
		Sulfate	13		mg SO4/L	P436171	
	SM 2320 B-2011	Total Alkalinity	35		mg CaCO3/L	P436023	
	SM 2540 C-2015	TDS	82		mg/L	P436427	
	SM 2540 D-2015	TSS	6	IA	mg/L	P436386	
	SM 4500-F- C-2011	Fluoride	0.025	U	mg F/L	P436026	
2442380	EPA 350.1 Rev. 2.0	Ammonia-N	0.004	I	mg N/L	P436136	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.73		mg N/L	P436480	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P436375	
	EPA 365.1 Rev. 2.0	Total-P	0.058		mg P/L	P436113	
	SM 5310 B-2011	Organic Carbon	5.1		mg C/L	P436111	

Ref. Method and Comment:

SM 2540 D-2015: 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: P435891

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P435887

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436168

Component	Result	Code	Units
Chloride	0.20	U	mg Cl/L

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436171

Component	Result	Code	Units
Sulfate	0.20	U	mg SO4/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P436136

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P436480

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P436375

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P436113

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

Reference Method: SM 2320 B-2011
Batch ID: P436023

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: P436427

Component	Result	Code	Units
TDS	15	U	mg/L

Reference Method: SM 2540 D-2015
Batch ID: P436386

Component	Result	Code	Units
TSS	2	U	mg/L

Reference Method: SM 4500-F- C-2011
Batch ID: P436026

Component	Result	Code	Units
Fluoride	0.025	U	mg F/L

Reference Method: SM 5310 B-2011
Batch ID: P436111

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: P435891

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: P435887

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Turbidity	105		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436168

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chloride	105		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436171

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P436136

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: P436480

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P436375

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: P436113

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

Reference Method: SM 2320 B-2011
Batch ID: P436023

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	94.9		P	92 - 105

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: SM 2540 C-2015
Batch ID: P436427

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
TDS	94.0		P	85 - 115

Reference Method: SM 2540 D-2015
Batch ID: P436386

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
TSS	106		P	85 - 115

Reference Method: SM 4500-F- C-2011
Batch ID: P436026

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	101		P	94 - 106

Reference Method: SM 5310 B-2011
Batch ID: P436111

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	97.4		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436168

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442288	Chloride	108		P	90 - 110
2442378	Chloride	110		P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436171

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442288	Sulfate	106		P	90 - 110
2442378	Sulfate	109		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P436136

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442380	Ammonia-N	102	99.4	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P436480

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442343	Kjeldahl Nitrogen	107	115	P/F	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P436375

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442356	NO2NO3-N	97.5	99.0	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P436113

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442389	Total-P	107	107	P/P	90 - 110

Reference Method: SM 4500-F- C-2011
Batch ID: P436026

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442288	Fluoride	101	101	P/P	94 - 106

Reference Method: SM 5310 B-2011
Batch ID: P436111

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2442303	Organic Carbon	92.9	95.8	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: DEP SOP: NU-094-1
Batch ID: P435891

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442378	Color (true)	10.5	Sample	P	0 - 20

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P435887

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442302	Turbidity	1.07	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436168

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442288	Chloride	0.195	Sample	P	0 - 20

Reference Method: EPA 300.0 Rev. 2.1
Batch ID: P436171

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442288	Sulfate	0.246	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P436136

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442380	Ammonia-N	2.37	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P436480

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442343	Kjeldahl Nitrogen	4.75	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P436375

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442356	NO2NO3-N	0.992	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P436113

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442389	Total-P	0.257	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: SM 2320 B-2011
Batch ID: P436023

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442288	Total Alkalinity	1.11	Sample	P	0 - 3.9

Reference Method: SM 2540 C-2015
Batch ID: P436427

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442302	TDS	2.39	Sample	P	0 - 10

Reference Method: SM 4500-F- C-2011
Batch ID: P436026

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442288	Fluoride	0.506	Spike	P	0 - 1.9

Reference Method: SM 5310 B-2011
Batch ID: P436111

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2442303	Organic Carbon	1.83	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: A121920

Included Lab Sample IDs: 2442377, 2442378

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

Reference Method: DEP SOP: NU-094-1

Run ID: A121921

Included Lab Sample IDs: 2442377, 2442378

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	100	98.8	P/P	90 - 110

Reference Method: EPA 300.0 Rev. 2.1

Run ID: A121948

Included Lab Sample IDs: 2442377, 2442378

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chloride	102	103	P/P	90 - 110
Chloride	103	102	P/P	90 - 110
Sulfate	103	104	P/P	90 - 110
Sulfate	104	103	P/P	90 - 110

Reference Method: SM 2320 B-2011

Run ID: A121975

Included Lab Sample IDs: 2442377, 2442378

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	95.8	97.7	P/P	90 - 110
Total Alkalinity	97.7	96.8	P/P	90 - 110

Reference Method: SM 4500-F- C-2011

Run ID: A121975

Included Lab Sample IDs: 2442377, 2442378

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

Reference Method: SM 5310 B-2011

Run ID: A121999

Included Lab Sample IDs: 2442379, 2442380

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	96.2	96.4	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A122010

Included Lab Sample IDs: 2442379, 2442380

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

Quality Assurance Report Calibration Verification

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A122028

Included Lab Sample IDs: 2442380

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.6	101	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A122031

Included Lab Sample IDs: 2442379

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.2	99.0	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A122091

Included Lab Sample IDs: 2442379, 2442380

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	99.5	100	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A122164

Included Lab Sample IDs: 2442379, 2442380

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	90.4	103	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)	100			10.5	
EPA 180.1 Rev. 2.0	Turbidity	105			1.07	
EPA 300.0 Rev. 2.1	Chloride	105	108	110	0.195	
	Sulfate	106	106	109	0.246	
EPA 350.1 Rev. 2.0	Ammonia-N	101	102	99.4		2.37
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	100	107	115		4.75
EPA 353.2 Rev. 2.0	NO2NO3-N	100	97.5	99.0		0.992
EPA 365.1 Rev. 2.0	Total-P	102	107	107		0.257
SM 2320 B-2011	Total Alkalinity	94.9			1.11	
SM 2540 C-2015	TDS	94.0			2.39	
SM 2540 D-2015	TSS	106				
SM 4500-F- C-2011	Fluoride	101	101	101		0.506
SM 5310 B-2011	Organic Carbon	97.4	92.9	95.8		1.83

Reference Method Descriptions

Method	Description	Associated Samples
DEP SOP: NU-094-1	True Color measured at 450 nm (not valid for NPDES monitoring)	2442377, 2442378
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices	2442377, 2442378
EPA 300.0 Rev. 2.1	Chloride in aqueous matrices	2442377, 2442378
EPA 300.0 Rev. 2.1	Sulfate in aqueous matrices	2442377, 2442378
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2442379, 2442380
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2442379, 2442380
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2442379, 2442380
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2442379, 2442380
SM 2320 B-2011	Alkalinity in aqueous matrices as mg CaCO3/L	2442377, 2442378
SM 2540 C-2015	Total Dissolved Solids in aqueous matrices	2442377, 2442378
SM 2540 D-2015	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2442377, 2442378
SM 4500-F- C-2011	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2442377, 2442378
SM 5310 B-2011	Nonpurgeable Organic Carbon in aqueous matrices	2442379, 2442380

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	10/03/2023			10/03/2023 15:15	Samantha L Bates	2442377
	10/03/2023			10/03/2023 15:16	Samantha L Bates	2442378
EPA 180.1 Rev. 2.0	10/03/2023			10/03/2023 14:12	Alexis Price	2442377, 2442378
EPA 300.0 Rev. 2.1	10/03/2023			10/06/2023 06:55	James L Waggeberby	2442378
	10/03/2023			10/06/2023 11:12	James L Waggeberby	2442377
EPA 350.1 Rev. 2.0	10/03/2023			10/06/2023 14:13	Ping Hua	2442380
	10/03/2023			10/06/2023 14:20	Ping Hua	2442379
EPA 351.2 Rev. 2.0	10/03/2023	10/13/2023 12:35	Simonne.V. Calhoun	10/16/2023 11:04	Samantha L Bates	2442379
	10/03/2023	10/13/2023 12:35	Simonne.V. Calhoun	10/16/2023 11:06	Samantha L Bates	2442380
EPA 353.2 Rev. 2.0	10/03/2023			10/11/2023 12:57	Anna M. Plaviak	2442379
	10/03/2023			10/11/2023 12:58	Anna M. Plaviak	2442380
EPA 365.1 Rev. 2.0	10/03/2023	10/06/2023 14:30	Alexis Price	10/09/2023 14:32	James L Waggeberby	2442380
	10/03/2023	10/06/2023 14:30	Alexis Price	10/09/2023 16:56	James L Waggeberby	2442379
SM 2320 B-2011	10/03/2023			10/05/2023 00:44	Adam P Silver	2442377
	10/03/2023			10/05/2023 01:30	Adam P Silver	2442378
SM 2540 C-2015	10/03/2023			10/04/2023 15:07	Yijie Li	2442377, 2442378
SM 2540 D-2015	10/03/2023			10/04/2023 15:07	Yijie Li	2442377, 2442378
SM 4500-F- C-2011	10/03/2023			10/05/2023 00:44	Adam P Silver	2442377
	10/03/2023			10/05/2023 01:30	Adam P Silver	2442378
SM 5310 B-2011	10/03/2023			10/05/2023 17:47	Elise M. Gillis	2442379
	10/03/2023			10/05/2023 18:00	Elise M. Gillis	2442380