

Chemical Analysis Report

SO-DIST-2018-03-29-01

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

Event Description: **Wilderness Waterway**
Request ID: **RQ-2018-03-26-13**
Customer: **SO-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Maryann Dugan

For additional information please contact
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Certified by: Colin Wright, Program Administrator

Date Certified: 13-APR-2018 12:18

A handwritten signature in black ink, appearing to read "Colin Wright", is displayed on a light blue rectangular background.

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 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: ENRE 11 at Huston Bay

Collection Date/Time: 03/28/2018 11:40

Field ID: G5SD0026

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1978865	EPA 180.1 Rev. 2.0	Turbidity	34		NTU	P342444	
	SM 2320 B-97	Total Alkalinity	170		mg CaCO3/L	P342984	
	SM 2540 D-97	TSS	95		mg/L	P342687	
	SM 4500 F-C-97	Fluoride	1.0		mg F/L	P342988	
1978868	EPA 350.1 Rev. 2.0	Ammonia-N	0.008		mg N/L	P343070	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.2		mg N/L	P342493	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P342750	
	EPA 365.1 Rev. 2.0	Total-P	0.078		mg P/L	P342736	
	SM 5310 B-00	Organic Carbon	10		mg C/L	P343084	
1978871	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.004	U	mg P/L	P342460	

Ref. Method and Comment:

SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Sample Location: ENRE 9

Collection Date/Time: 03/28/2018 13:49

Field ID: G1SD0090

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1978866	EPA 180.1 Rev. 2.0	Turbidity	7.9		NTU	P342444	
	SM 2320 B-97	Total Alkalinity	158		mg CaCO3/L	P342984	
	SM 2540 D-97	TSS	8	I	mg/L	P342687	
	SM 4500 F-C-97	Fluoride	1.2		mg F/L	P342988	
1978869	EPA 350.1 Rev. 2.0	Ammonia-N	0.016		mg N/L	P343070	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.61		mg N/L	P342493	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P342750	
	EPA 365.1 Rev. 2.0	Total-P	0.053		mg P/L	P342736	
	SM 5310 B-00	Organic Carbon	6.4		mg C/L	P343084	
1978872	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.023		mg P/L	P342460	

Ref. Method and Comment:

SM 2540 D-97: Batch relative percent difference is unavailable because of low analyte concentration in the QC sample.

Sample Location: ENRE 9

Collection Date/Time: 03/28/2018 13:52

Field ID: G1SD0090_DUP

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1978867	EPA 180.1 Rev. 2.0	Turbidity	8.2		NTU	P342444	
	SM 2320 B-97	Total Alkalinity	159		mg CaCO3/L	P342984	
	SM 2540 D-97	TSS	8	I	mg/L	P342687	
	SM 4500 F-C-97	Fluoride	1.2		mg F/L	P342988	
1978870	EPA 350.1 Rev. 2.0	Ammonia-N	0.015		mg N/L	P343070	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.61		mg N/L	P342493	MS
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P342750	
	EPA 365.1 Rev. 2.0	Total-P	0.054		mg P/L	P342736	
	SM 5310 B-00	Organic Carbon	6.3		mg C/L	P343084	
1978873	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.023		mg P/L	P342460	

Field ID: G1SD0090_DUP

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
Ref. Method and Comment: SM 2540 D-97: 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: P342444

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343070

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P342493

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P342750

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P342736

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P342460

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

Reference Method: SM 2320 B-97
Batch ID: P342984

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

Reference Method: SM 2540 D-97
Batch ID: P342687

Component	Result	Code	Units
TSS	3	U	mg/L

Quality Assurance Report Method Blank Results

Reference Method: SM 4500 F-C-97
Batch ID: P342988

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P343084

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: P343070

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	97.7		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P342493

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: P342750

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: P342736

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P342460

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

Reference Method: SM 2320 B-97
Batch ID: P342984

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	100		P	98 - 107

Reference Method: SM 4500 F-C-97
Batch ID: P342988

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
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Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 4500 F-C-97
Batch ID: P342988

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	94.2		P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P343084

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

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343070

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978868	Ammonia-N	96.7	99.4	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P342493

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978890	Kjeldahl Nitrogen	91.3	88.0	P/F	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P342750

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978810	NO2NO3-N	107	108	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P342736

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978810	Total-P	95.1	92.9	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P342460

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978871	O-Phosphate-P	98.3	98.5	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Batch ID: P342988

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1979416	Fluoride	95.2	94.5	P/P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P343084

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
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Quality Assurance Report Matrix Spike Accuracy

Reference Method: SM 5310 B-00
Batch ID: P343084

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1978679	Organic Carbon	93.6	94.4	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P342444

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978934	Turbidity	5.46	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343070

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978868	Ammonia-N	2.40	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P342493

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978890	Kjeldahl Nitrogen	1.79	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P342750

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978810	NO2NO3-N	1.39	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P342736

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978810	Total-P	2.24	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P342460

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978871	O-Phosphate-P	0.203	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: SM 2320 B-97
Batch ID: P342984

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1979416	Total Alkalinity	0.835	Sample	P	0 - 1.6

Reference Method: SM 4500 F-C-97
Batch ID: P342988

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1979416	Fluoride	0.477	Spike	P	0 - 3.5

Reference Method: SM 5310 B-00
Batch ID: P343084

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1978679	Organic Carbon	0.660	Spike	P	0 - 20

* Sample, spike and/or laboratory control sample precision (LCS) is reported.
Replicate spike precision may be reported when sample results are below quantifiable levels.

Quality Assurance Report Calibration Verification

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A82942
Included Lab Sample IDs: 1978865, 1978866, 1978867

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	98.5	99.0	P/P	95 - 105

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Run ID: A82943
Included Lab Sample IDs: 1978871, 1978872, 1978873

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

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A83005
Included Lab Sample IDs: 1978868, 1978869, 1978870

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	101	99.8	P/P	90 - 110
Kjeldahl Nitrogen	99.8	101	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A83035
Included Lab Sample IDs: 1978868, 1978869, 1978870

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
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Quality Assurance Report Calibration Verification

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A83035

Included Lab Sample IDs: 1978868, 1978869, 1978870

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	98.5	99.0	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A83055

Included Lab Sample IDs: 1978868, 1978869, 1978870

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

Reference Method: SM 2320 B-97

Run ID: A83098

Included Lab Sample IDs: 1978865, 1978866, 1978867

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	97.6	100	P/P	90 - 110

Reference Method: SM 4500 F-C-97

Run ID: A83098

Included Lab Sample IDs: 1978865, 1978866, 1978867

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	98.1	99.1	P/P	90 - 110
Fluoride	99.1	97.1	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A83131

Included Lab Sample IDs: 1978868, 1978869, 1978870

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	99.1	99.1	P/P	90 - 110

Reference Method: SM 5310 B-00

Run ID: A83136

Included Lab Sample IDs: 1978868, 1978869, 1978870

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	95.8	95.5	P/P	90 - 110
Organic Carbon	96.7	95.8	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 SMP	MS
EPA 180.1 Rev. 2.0	Turbidity				5.46	
EPA 350.1 Rev. 2.0	Ammonia-N	97.7	96.7 99.4			2.40

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		Precision SMP	MS
					LCS	
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	100	91.3	88.0		1.79
EPA 353.2 Rev. 2.0	NO2NO3-N	102	107	108		1.39
EPA 365.1 Rev. 2.0	Total-P	101	95.1	92.9		2.24
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	99.7	98.3	98.5		0.203
SM 2320 B-97	Total Alkalinity	100			0.835	
SM 4500 F-C-97	Fluoride	94.2	95.2	94.5		0.477
SM 5310 B-00	Organic Carbon	94.0	93.6	94.4		0.660

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	1978865, 1978866, 1978867
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	1978868, 1978869, 1978870
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	1978868, 1978869, 1978870
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	1978868, 1978869, 1978870
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	1978868, 1978869, 1978870
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	1978871, 1978872, 1978873
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO3/L	1978865, 1978866, 1978867
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices	1978865, 1978866, 1978867
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	1978865, 1978866, 1978867
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	1978868, 1978869, 1978870

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	03/29/2018			03/29/2018 16:28	DeAsia Armster	1978865, 1978866, 1978867
EPA 350.1 Rev. 2.0	03/29/2018			04/09/2018 12:54	Ping Hua	1978868
	03/29/2018			04/09/2018 12:59	Ping Hua	1978869
	03/29/2018			04/09/2018 13:00	Ping Hua	1978870
EPA 351.2 Rev. 2.0	03/29/2018	03/30/2018 08:12	Adrian Shelby	04/03/2018 12:30	Joseph Suarez	1978868
	03/29/2018	03/30/2018 08:12	Adrian Shelby	04/03/2018 12:34	Joseph Suarez	1978869
	03/29/2018	03/30/2018 08:12	Adrian Shelby	04/03/2018 12:36	Joseph Suarez	1978870
EPA 353.2 Rev. 2.0	03/29/2018			04/04/2018 12:12	Lauren Bottorf	1978868
	03/29/2018			04/04/2018 12:13	Lauren Bottorf	1978869
	03/29/2018			04/04/2018 12:15	Lauren Bottorf	1978870
EPA 365.1 Rev. 2.0	03/29/2018	04/04/2018 12:52	Sima Feizi	04/05/2018 12:10	Beverly Y. Sanders	1978868
	03/29/2018	04/04/2018 12:52	Sima Feizi	04/05/2018 12:11	Beverly Y. Sanders	1978869
	03/29/2018	04/04/2018 12:52	Sima Feizi	04/05/2018 12:12	Beverly Y. Sanders	1978870
EPA 365.1 Rev. 2.0 dissolved	03/29/2018			03/29/2018 14:44	Megan Treadwell	1978871
	03/29/2018			03/29/2018 15:02	Megan Treadwell	1978872
	03/29/2018			03/29/2018 15:03	Megan Treadwell	1978873
SM 2320 B-97	03/29/2018			04/06/2018 09:01	Dale L. Simmons	1978865
	03/29/2018			04/06/2018 09:11	Dale L. Simmons	1978866
	03/29/2018			04/06/2018 09:22	Dale L. Simmons	1978867
SM 2540 D-97	03/29/2018			04/02/2018 12:40	DeAsia Armster	1978865, 1978866, 1978867
SM 4500 F-C-97	03/29/2018			04/06/2018 05:50	Dale L. Simmons	1978865
	03/29/2018			04/06/2018 09:49	Dale L. Simmons	1978866
	03/29/2018			04/06/2018 09:52	Dale L. Simmons	1978867
SM 5310 B-00	03/29/2018			04/07/2018 07:22	Julia Storbeck	1978868
	03/29/2018			04/07/2018 08:01	Julia Storbeck	1978869
	03/29/2018			04/07/2018 08:15	Julia Storbeck	1978870