

Chemical Analysis Report

WQAP-2018-04-12-01

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

Event Description: **2017 SMP Kit Template 1**

Request ID: **RQ-2018-04-09-15**

Customer: **WQAP**

Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
2295 Victoria Ave
Suite 364
Fort Myers, FL 33901
Attn: John Barrington

For additional information please contact
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Liang-Tsair Lin, Ph.D.
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Phone (850) 245-8085

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

Date Certified: 03-MAY-2018 08:26

A handwritten signature in black ink that reads "Kerry Tate". The signature is written in a cursive, flowing style with a horizontal line above the first name.

NON-CONFORMANCE REPORT INCLUDED

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: ImperialRiver(Marine)CM

Collection Date/Time: 04/10/2018 09:20

Field ID: G1SD0069

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1983770	EPA 180.1 Rev. 2.0	Turbidity	2.4	Q	NTU	P343334	
	SM 2320 B-97	Total Alkalinity	220	J	mg CaCO3/L	P343851	LCS
	SM 2540 D-97	TSS	3	U	mg/L	P343524	
	SM 4500 F-C-97	Fluoride	0.49	I	mg F/L	P343855	
1983772	EPA 350.1 Rev. 2.0	Ammonia-N	0.025		mg N/L	P343446	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.89		mg N/L	P343351	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P343389	
	EPA 365.1 Rev. 2.0	Total-P	0.049		mg P/L	P343439	
	SM 5310 B-00	Organic Carbon	12		mg C/L	P343574	
1983774	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.007	IQ	mg P/L	P343293	

Ref. Method and Comment:

EPA 180.1 Rev. 2.0: The sample expired prior to receipt.

SM 2320 B-97: Refer to the narrative for an explanation of QC Codes.

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

EPA 365.1 Rev. 2.0 dissolved: O-Phosphate-P: The sample expired prior to receipt.

Sample Location: Billy Creek CM

Collection Date/Time: 04/10/2018 11:00

Field ID: G3SD0127

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
1983771	EPA 180.1 Rev. 2.0	Turbidity	5.0	Q	NTU	P343334	
	SM 2320 B-97	Total Alkalinity	188	A	mg CaCO3/L	P343852	
	SM 2540 D-97	TSS	4	I	mg/L	P343524	
	SM 4500 F-C-97	Fluoride	0.47		mg F/L	P343855	
1983773	EPA 350.1 Rev. 2.0	Ammonia-N	0.006		mg N/L	P343446	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.2		mg N/L	P343351	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P343389	
	EPA 365.1 Rev. 2.0	Total-P	0.52		mg P/L	P343439	
	SM 5310 B-00	Organic Carbon	17		mg C/L	P343574	
1983775	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.41	Q	mg P/L	P343293	

Ref. Method and Comment:

EPA 180.1 Rev. 2.0: The sample expired upon receipt.

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

EPA 365.1 Rev. 2.0 dissolved: O-Phosphate-P: The sample expired upon receipt.

Non-Conformance Report

NCR ID: 6976

Event(s)

Job(s)

Sample(s)

Test(s)

WQAP-2018-04-12-01

NCR Type: SHIPPING/RECEIVING

NCR Category: Samples arrived late

Observation: Samples arrived one or more days late by FedEx, samples received within the acceptable temperature range. Tracking number: 790799812050

Resolution: Customer contacted. Biology and Chemistry supervisors were notified by phone and email. Data will be qualified as appropriate.

Authorized by/Date: Joshua Ayres 4/17/2018

The Non-Conformance Report details exceptions or problems encountered with the events/jobs/samples/test.
Please address questions to:

Chemistry Colin Wright (850) 245-8085
Biology Cheryl Swanson (850) 245-8177

Quality Assurance Report Method Blank Results

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P343334

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343446

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P343351

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P343389

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P343439

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P343293

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

Reference Method: SM 2320 B-97
Batch ID: P343851

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

Reference Method: SM 2320 B-97
Batch ID: P343852

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

Quality Assurance Report Method Blank Results

Reference Method: SM 2540 D-97
Batch ID: P343524

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500 F-C-97
Batch ID: P343855

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P343574

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: P343446

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	98.4		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P343351

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	99.3		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P343389

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: P343439

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P343293

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	98.9		P	90 - 110

Reference Method: SM 2320 B-97
Batch ID: P343851

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

Reference Method: SM 2320 B-97
Batch ID: P343851

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	98.0		F	98 - 107

Reference Method: SM 2320 B-97
Batch ID: P343852

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	98.7		P	98 - 107

Reference Method: SM 4500 F-C-97
Batch ID: P343855

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	96.5		P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P343574

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	99.8		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343446

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1983772	Ammonia-N	98.0	96.7	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P343351

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1981205	Kjeldahl Nitrogen	97.4	97.9	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P343389

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1983076	NO2NO3-N	102	104	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P343439

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1983072	Total-P	94.0	94.5	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P343293

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P343293

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1983850	O-Phosphate-P	100	102	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Batch ID: P343855

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1983771	Fluoride	94.1	95.6	P/P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P343574

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1982916	Organic Carbon	96.8	97.2	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P343334

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983721	Turbidity	1.38	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P343446

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983772	Ammonia-N	0.853	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P343351

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1981205	Kjeldahl Nitrogen	0.398	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P343389

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983076	NO2NO3-N	0.971	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P343439

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983072	Total-P	0.530	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P343293

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983850	O-Phosphate-P	1.05	Spike	P	0 - 20

Reference Method: SM 2320 B-97
Batch ID: P343851

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983677	Total Alkalinity	1.07	Sample	P	0 - 1.6

Reference Method: SM 2320 B-97
Batch ID: P343852

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983771	Total Alkalinity	0.393	Sample	P	0 - 1.6

Reference Method: SM 4500 F-C-97
Batch ID: P343855

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1983771	Fluoride	0.986	Spike	P	0 - 3.5

Reference Method: SM 5310 B-00
Batch ID: P343574

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
1982916	Organic Carbon	0.342	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 365.1 Rev. 2.0 dissolved
Run ID: A83196
Included Lab Sample IDs: 1983774, 1983775

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	101	101	P/P	90 - 110
O-Phosphate-P	99.7	100	P/P	90 - 110

Reference Method: EPA 180.1 Rev. 2.0
Run ID: A83212
Included Lab Sample IDs: 1983770, 1983771

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

Quality Assurance Report Calibration Verification

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A83233
Included Lab Sample IDs: 1983772, 1983773

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

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A83249
Included Lab Sample IDs: 1983772, 1983773

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	102	99.7	P/P	90 - 110
Ammonia-N	99.7	101	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A83278
Included Lab Sample IDs: 1983772, 1983773

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

Reference Method: SM 5310 B-00
Run ID: A83288
Included Lab Sample IDs: 1983772, 1983773

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	99.0	98.8	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A83314
Included Lab Sample IDs: 1983773

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	103	101	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A83340
Included Lab Sample IDs: 1983772

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	99.0	100	P/P	90 - 110

Reference Method: SM 2320 B-97
Run ID: A83392
Included Lab Sample IDs: 1983770, 1983771

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	99.1	97.5	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Run ID: A83392
Included Lab Sample IDs: 1983770, 1983771

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	98.6	97.6	P/P	90 - 110

Quality Assurance Report Calibration Verification

* 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	MS
						SMP	
EPA 180.1 Rev. 2.0	Turbidity					1.38	
EPA 350.1 Rev. 2.0	Ammonia-N	98.4	98.0	96.7			0.853
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	99.3	97.4	97.9			0.398
EPA 353.2 Rev. 2.0	NO ₂ NO ₃ -N	102	102	104			0.971
EPA 365.1 Rev. 2.0	Total-P	102	94.0	94.5			0.530
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	98.9	100	102			1.05
SM 2320 B-97	Total Alkalinity	98.0				1.07	
	Total Alkalinity	98.7				0.393	
SM 4500 F-C-97	Fluoride	96.5	94.1	95.6			0.986
SM 5310 B-00	Organic Carbon	99.8	96.8	97.2			0.342

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	1983770, 1983771
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	1983772, 1983773
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	1983772, 1983773
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	1983772, 1983773
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	1983772, 1983773
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	1983774, 1983775
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO ₃ /L	1983770, 1983771
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices	1983770, 1983771
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	1983770, 1983771
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	1983772, 1983773

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	04/12/2018			04/12/2018 17:21	William L. Brown IV	1983770, 1983771
EPA 350.1 Rev. 2.0	04/12/2018			04/13/2018 15:46	Julia Storbeck	1983772
	04/12/2018			04/13/2018 15:56	Julia Storbeck	1983773
EPA 351.2 Rev. 2.0	04/12/2018	04/13/2018 10:00	Adrian Shelby	04/17/2018 11:14	Joseph Suarez	1983772
	04/12/2018	04/13/2018 10:00	Adrian Shelby	04/17/2018 11:15	Joseph Suarez	1983773
EPA 353.2 Rev. 2.0	04/12/2018			04/13/2018 12:49	Lauren Bottorf	1983772
	04/12/2018			04/13/2018 12:50	Lauren Bottorf	1983773
EPA 365.1 Rev. 2.0	04/12/2018	04/16/2018 13:16	Sima Feizi	04/18/2018 09:35	Beverly Y. Sanders	1983773
	04/12/2018	04/16/2018 13:16	Sima Feizi	04/19/2018 11:20	Beverly Y. Sanders	1983772
EPA 365.1 Rev. 2.0 dissolved	04/12/2018			04/12/2018 13:52	Megan Treadwell	1983774
	04/12/2018			04/12/2018 14:30	Megan Treadwell	1983775
SM 2320 B-97	04/12/2018			04/21/2018 01:06	Lauren Bottorf	1983771
	04/12/2018			04/21/2018 01:48	Lauren Bottorf	1983770
SM 2540 D-97	04/12/2018			04/13/2018 13:20	DeAsia Armster	1983770, 1983771
SM 4500 F-C-97	04/12/2018			04/20/2018 23:43	Lauren Bottorf	1983771
	04/12/2018			04/21/2018 00:05	Lauren Bottorf	1983770
SM 5310 B-00	04/12/2018			04/17/2018 06:29	Megan Treadwell	1983772
	04/12/2018			04/17/2018 06:41	Megan Treadwell	1983773