

Chemical Analysis Report

TLH-ROC-2019-01-28-01

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

Event Description: **Run 8**
Request ID: **RQ-2019-01-21-11**
Customer: **TLH-ROC**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
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Date Certified: 15-FEB-2019 15:44



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: DICKERSON BAY SOUTH

Collection Date/Time: 01/28/2019 10:35

Field ID: G2TLHR0029

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2057418	EPA 180.1 Rev. 2.0	Turbidity	2.6		NTU	P357994	
	EPA 300.0	Bromide	40		mg Br/L	P358982	
	SM 2320 B-97	Total Alkalinity	83		mg CaCO3/L	P358272	
	SM 2540 D-97	TSS	6	I	mg/L	P358336	
	SM 4500 F-C-97	Fluoride	0.75		mg F/L	P358275	
2057420	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P358190	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.42		mg N/L	P358082	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P358174	
	EPA 365.1 Rev. 2.0	Total-P	0.019		mg P/L	P358059	
	SM 5310 B-00	Organic Carbon	6.7		mg C/L	P358093	
2057422	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.004	U	mg P/L	P358009	

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: DICKERSON BAY NORTH

Collection Date/Time: 01/28/2019 10:50

Field ID: G2TLHR0028

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2057419	EPA 180.1 Rev. 2.0	Turbidity	2.1		NTU	P357994	
	EPA 300.0	Bromide	37		mg Br/L	P358168	
	SM 2320 B-97	Total Alkalinity	84		mg CaCO3/L	P358272	
	SM 2540 D-97	TSS	6	IA	mg/L	P358336	
	SM 4500 F-C-97	Fluoride	0.77		mg F/L	P358275	
2057421	EPA 350.1 Rev. 2.0	Ammonia-N	0.002	U	mg N/L	P358190	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.37	I	mg N/L	P358082	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	U	mg N/L	P358174	
	EPA 365.1 Rev. 2.0	Total-P	0.016		mg P/L	P358059	
	SM 5310 B-00	Organic Carbon	6.4		mg C/L	P358093	
2057423	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.004	U	mg P/L	P358009	

Ref. Method and Comment:

EPA 300.0: Bromide: Batch matrix spike recoveries for one of two spiked samples are unavailable because of high analyte concentration in the QC sample.

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: P357994

Component	Result	Code	Units
Turbidity	0.10	U	NTU

Reference Method: EPA 300.0
Batch ID: P358168

Component	Result	Code	Units
Bromide	0.013	U	mg Br/L

Reference Method: EPA 300.0
Batch ID: P358982

Component	Result	Code	Units
Bromide	0.013	U	mg Br/L

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P358190

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P358082

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P358174

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P358059

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P358009

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

Reference Method: SM 2320 B-97
Batch ID: P358272

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: P358336

Component	Result	Code	Units
TSS	3	U	mg/L

Reference Method: SM 4500 F-C-97
Batch ID: P358275

Component	Result	Code	Units
Fluoride	0.035	U	mg F/L

Reference Method: SM 5310 B-00
Batch ID: P358093

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

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 300.0
Batch ID: P358168

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

Reference Method: EPA 300.0
Batch ID: P358982

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

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P358190

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	99.2		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P358082

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P358174

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: P358059

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: P358009

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	99.1		P	90 - 110

Reference Method: SM 2320 B-97
Batch ID: P358272

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total Alkalinity	102		P	98 - 107

Reference Method: SM 4500 F-C-97
Batch ID: P358275

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Fluoride	97.6		P	91 - 105

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: SM 5310 B-00
Batch ID: P358093

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Organic Carbon	97.3		P	85 - 115

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 300.0
Batch ID: P358168

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2058121	Bromide	92.8	96.2	P/P	90 - 110

Reference Method: EPA 300.0
Batch ID: P358982

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2058620	Bromide	96.0		P	90 - 110
2061372	Bromide	96.0		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P358190

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2056842	Ammonia-N	101	101	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P358082

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2056955	Kjeldahl Nitrogen	109	110	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P358174

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2057420	NO2NO3-N	98.5	98.5	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P358059

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2057149	Total-P	105	103	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P358009

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2057422	O-Phosphate-P	96.4	95.7	P/P	90 - 110

Reference Method: SM 4500 F-C-97
Batch ID: P358275

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2058033	Fluoride	95.9	96.6	P/P	91 - 105

Reference Method: SM 5310 B-00
Batch ID: P358093

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2057149	Organic Carbon	96.8	98.3	P/P	85 - 115

Quality Assurance Report Precision

Reference Method: EPA 180.1 Rev. 2.0
Batch ID: P357994

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2057446	Turbidity	16.6	Sample	P	0 - 20

Reference Method: EPA 300.0
Batch ID: P358168

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2058121	Bromide	2.27	Spike	P	0 - 20

Reference Method: EPA 300.0
Batch ID: P358982

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2058620	Bromide	0.790	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P358190

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2056842	Ammonia-N	0.0360	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P358082

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2056955	Kjeldahl Nitrogen	0.356	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P358174

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2057420	NO2NO3-N	0.0	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P358059

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2057149	Total-P	1.51	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P358009

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2057422	O-Phosphate-P	0.729	Spike	P	0 - 20

Quality Assurance Report Precision

Reference Method: SM 2320 B-97
Batch ID: P358272

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2058033	Total Alkalinity	1.13	Sample	P	0 - 1.6

Reference Method: SM 4500 F-C-97
Batch ID: P358275

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2058033	Fluoride	0.516	Spike	P	0 - 3.5

Reference Method: SM 5310 B-00
Batch ID: P358093

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2057149	Organic Carbon	1.35	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: A89074

Included Lab Sample IDs: 2057418, 2057419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Turbidity	99.5	100	P/P	95 - 105

Reference Method: EPA 365.1 Rev. 2.0 dissolved

Run ID: A89077

Included Lab Sample IDs: 2057422, 2057423

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	98.6	100	P/P	90 - 110
O-Phosphate-P	99.6	98.7	P/P	90 - 110

Reference Method: EPA 300.0

Run ID: A89080

Included Lab Sample IDs: 2057419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Bromide	96.4	93.4	P/P	90 - 110

Reference Method: SM 5310 B-00

Run ID: A89107

Included Lab Sample IDs: 2057420, 2057421

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Organic Carbon	99.1	98.8	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0

Run ID: A89123

Included Lab Sample IDs: 2057420, 2057421

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

Reference Method: EPA 365.1 Rev. 2.0

Run ID: A89125

Included Lab Sample IDs: 2057420, 2057421

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	97.5	97.0	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0

Run ID: A89137

Included Lab Sample IDs: 2057420, 2057421

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

Reference Method: EPA 351.2 Rev. 2.0

Run ID: A89140

Included Lab Sample IDs: 2057420, 2057421

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

Quality Assurance Report Calibration Verification

Reference Method: SM 2320 B-97

Run ID: A89166

Included Lab Sample IDs: 2057418, 2057419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total Alkalinity	103	99.7	P/P	90 - 110

Reference Method: SM 4500 F-C-97

Run ID: A89166

Included Lab Sample IDs: 2057418, 2057419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Fluoride	99.0	98.1	P/P	90 - 110

Reference Method: EPA 300.0

Run ID: A89435

Included Lab Sample IDs: 2057418

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Bromide	98.5	99.0	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 SMP	MS
					LCS	
EPA 180.1 Rev. 2.0	Turbidity				16.6	
EPA 300.0	Bromide	99.5	92.8	96.2		2.27
	Bromide	100	96.0	96.0	0.790	
EPA 350.1 Rev. 2.0	Ammonia-N	99.2	101	101		0.0360
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	106	109	110		0.356
EPA 353.2 Rev. 2.0	NO ₂ NO ₃ -N	100	98.5	98.5		0.0
EPA 365.1 Rev. 2.0	Total-P	101	105	103		1.51
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	99.1	96.4	95.7		0.729
SM 2320 B-97	Total Alkalinity	102			1.13	
SM 4500 F-C-97	Fluoride	97.6	95.9	96.6		0.516
SM 5310 B-00	Organic Carbon	97.3	96.8	98.3		1.35

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
EPA 180.1 Rev. 2.0 / E31780	Turbidity in aqueous matrices	2057418, 2057419
EPA 300.0 / E31780	Bromide in aqueous matrices	2057418, 2057419
EPA 350.1 Rev. 2.0 / E31780	Ammonia in aqueous matrices as mg N/L	2057420, 2057421
EPA 351.2 Rev. 2.0 / E31780	Total Kjeldahl Nitrogen in aqueous matrices	2057420, 2057421
EPA 353.2 Rev. 2.0 / E31780	Nitrite/Nitrate in aqueous matrices as mg N/L	2057420, 2057421
EPA 365.1 Rev. 2.0 / E31780	Total Phosphorus in aqueous matrices as mg P/L	2057420, 2057421
EPA 365.1 Rev. 2.0 dissolved / E31780	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2057422, 2057423
SM 2320 B-97 / E31780	Alkalinity in aqueous matrices as mg CaCO ₃ /L	2057418, 2057419
SM 2540 D-97 / E31780	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	2057418, 2057419
SM 4500 F-C-97 / E31780	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	2057418, 2057419
SM 5310 B-00 / E31780	Nonpurgeable Organic Carbon in aqueous matrices	2057420, 2057421

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	01/28/2019			01/29/2019 16:31	Megan Treadwell	2057418, 2057419
EPA 300.0	01/28/2019			01/31/2019 19:07	Lipi Saha	2057419
	01/28/2019			02/14/2019 16:12	Lipi Saha	2057418
EPA 350.1 Rev. 2.0	01/28/2019			01/31/2019 13:10	Ping Hua	2057420
	01/28/2019			01/31/2019 13:12	Ping Hua	2057421
EPA 351.2 Rev. 2.0	01/28/2019	01/30/2019 12:30	Adrian Shelby	02/01/2019 10:24	Joseph Suarez	2057420
	01/28/2019	01/30/2019 12:30	Adrian Shelby	02/01/2019 10:26	Joseph Suarez	2057421
EPA 353.2 Rev. 2.0	01/28/2019			02/01/2019 10:50	Beverly Y. Sanders	2057420
	01/28/2019			02/01/2019 10:55	Beverly Y. Sanders	2057421
EPA 365.1 Rev. 2.0	01/28/2019	01/30/2019 13:50	Sima Feizi	01/31/2019 15:03	Rosalyn Ballman	2057420
	01/28/2019	01/30/2019 13:50	Sima Feizi	01/31/2019 15:04	Rosalyn Ballman	2057421
EPA 365.1 Rev. 2.0 dissolved	01/28/2019			01/29/2019 15:20	Jhamieka S. Greenwood	2057422
	01/28/2019			01/29/2019 16:11	Jhamieka S. Greenwood	2057423
SM 2320 B-97	01/28/2019			02/04/2019 08:02	Dale L. Simmons	2057418
	01/28/2019			02/04/2019 08:14	Dale L. Simmons	2057419
SM 2540 D-97	01/28/2019			01/31/2019 14:21	Yijie Li	2057418, 2057419
SM 4500 F-C-97	01/28/2019			02/04/2019 04:48	Dale L. Simmons	2057418
	01/28/2019			02/04/2019 04:53	Dale L. Simmons	2057419
SM 5310 B-00	01/28/2019			01/31/2019 04:32	Chelsea Hernandez	2057420
	01/28/2019			01/31/2019 04:46	Chelsea Hernandez	2057421