

Biological Analysis Report

WAS-SECT-2019-02-20-01

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

Event Description: **Alligator Creek**
Request ID: **RQ-2018-11-05-17**
Customer: **WAS-SECT**
Project ID: **NWQI**

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Certified by: Cheryl A. Swanson, Program Administrator

Date Certified: 26-MAR-2019 14:42



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 groups are included in this report: Chlorophyll/Grain Size/BOD, Microbiology and Molecular.

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: Scurlock Creek at Pilgrim Rd

Collection Date/Time: 02/19/2019 13:55

Field ID: G3WA0009

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063736	SM 10200 H (mod.)	Chlorophyll-a, Corrected	8.0		ug/L	P359794	
		Phaeophytin-a	4.8	I	ug/L	P359794	
		Chlorophyll-a, Uncorrected	11		ug/L	P359794	
2063744	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	62.8	AQ	MPN/100 mL	P359672	
2063752	SOP-PCR-1.0	HF183-qPCR**	280	U	GEU/100 mL	P359134	
	SOP-PCR-1.4	BacR-qPCR**	7.1E+03	I	TSC/100 mL	P359134	MS

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

Sample Location: ALLIGATOR CREEK UPSTREAM OF BENTLEY RD

Collection Date/Time: 02/19/2019 13:23

Field ID: G3WA0004

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063737	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.5	I	ug/L	P359794	
		Phaeophytin-a	1.5	I	ug/L	P359794	
		Chlorophyll-a, Uncorrected	3.5		ug/L	P359794	
2063745	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	770.1	Q	MPN/100 mL	P359672	
2063753	SOP-PCR-1.0	HF183-qPCR**	280	U	GEU/100 mL	P359134	
	SOP-PCR-1.4	BacR-qPCR**	3.0E+03	U	TSC/100 mL	P359134	MS

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

Sample Location: Pine Barn Creek at Woodrest Rd

Collection Date/Time: 02/19/2019 14:20

Field ID: G3WA0011

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063738	SM 10200 H (mod.)	Chlorophyll-a, Corrected	7.2		ug/L	P359794	
		Phaeophytin-a	7.9		ug/L	P359794	
		Chlorophyll-a, Uncorrected	12		ug/L	P359794	
2063746	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	33.6	Q	MPN/100 mL	P359672	
2063754	SOP-PCR-1.0	HF183-purified-qPCR**	24	UJ	GEU/100 mL	P359877	LCS, SUR
	SOP-PCR-1.4	BacR-purified-qPCR**	250	UJ	TSC/100 mL	P359877	LCS, SUR

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

SOP-PCR-1.0: Quality control failure(s) observed. See QA report for details. Precision data unavailable for Analysis batch A90007

SOP-PCR-1.4: Quality control failure(s) observed. See QA report for details. Precision data unavailable for Analysis Batch A89952

Sample Location: Unnamed Creek at Woodrest Rd

Collection Date/Time: 02/19/2019 15:00

Field ID: G3WA0010

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063739	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.1	I	ug/L	P359794	
		Phaeophytin-a	3.6	I	ug/L	P359794	
		Chlorophyll-a, Uncorrected	4.4		ug/L	P359794	

Field ID: G3WA0010

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063747	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	866.4	Q	MPN/100 mL	P359672	
2063755	SOP-PCR-1.0	HF183-purified-qPCR**	90	IJ	GEU/100 mL	P359877	LCS, SUR
	SOP-PCR-1.4	BacR-purified-qPCR**	3.73E+04	J	TSC/100 mL	P359877	LCS, SUR

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

SOP-PCR-1.0: Quality control failure(s) observed. See QA report for details. Precision data unavailable for Analysis batch A90007

SOP-PCR-1.4: Quality control failure(s) observed. See QA report for details. Precision data unavailable for Analysis Batch A89952

Sample Location: Minnow Creek At Lovewood Rd

Collection Date/Time: 02/19/2019 10:30

Field ID: G3WA0008

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063743	SM 10200 H (mod.)	Chlorophyll-a, Corrected	4.9		ug/L	P359794	
		Phaeophytin-a	1.2	U	ug/L	P359794	
		Chlorophyll-a, Uncorrected	5.8		ug/L	P359794	
2063751	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	290.9	Q	MPN/100 mL	P359672	

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

Sample Location: Alligator Creek Upstream of SR 273

Collection Date/Time: 02/19/2019 11:20

Field ID: G3WA0005

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063742	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.1	I	ug/L	P359794	
		Phaeophytin-a	1.5	U	ug/L	P359794	
		Chlorophyll-a, Uncorrected	3.0	I	ug/L	P359794	
2063750	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	816.4	Q	MPN/100 mL	P359672	
2063758	SOP-PCR-1.0	HF183-qPCR**	280	U	GEU/100 mL	P359134	
	SOP-PCR-1.4	BacR-qPCR**	8.1E+03	IJ	TSC/100 mL	P359134	MS

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

SOP-PCR-1.4: Quality control failure(s) observed. See QA report for details.

Sample Location: Unnamed Creek at Palmview Rd

Collection Date/Time: 02/19/2019 15:35

Field ID: G3WA0013

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063740	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.0	I	ug/L	P359794	
		Phaeophytin-a	1.5	I	ug/L	P359794	
		Chlorophyll-a, Uncorrected	3.0		ug/L	P359794	
2063748	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	209.8	Q	MPN/100 mL	P359672	
2063756	SOP-PCR-1.0	HF183-qPCR**	280	U	GEU/100 mL	P359134	
	SOP-PCR-1.4	BacR-qPCR**	3.2E+03	IJ	TSC/100 mL	P359134	MS

Ref. Method and Comment:

SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

SOP-PCR-1.4: Quality control failure(s) observed. See QA report for details.

Sample Location: Little Alligator Creek at SR 273

Collection Date/Time: 02/19/2019 12:45

Field ID: G3WA0006

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2063741	SM 10200 H (mod.)	Chlorophyll-a, Corrected	3.8	I	ug/L	P359794	
		Phaeophytin-a	2.7	I	ug/L	P359794	
		Chlorophyll-a, Uncorrected	5.6		ug/L	P359794	
2063749	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	5172.0	Q	MPN/100 mL	P359672	
2063757	SOP-PCR-1.0	HF183-qPCR**	280	U	GEU/100 mL	P359134	
	SOP-PCR-1.4	BacR-qPCR**	3.0E+03	U	TSC/100 mL	P359134	MS

Ref. Method and Comment:
SM 10200 H (mod.): Precision data is not available for at least one component due to the small amount of analyte in the QC sample. Refer to QA report for available precision data.

Quality Assurance Report Method Blank Results

Reference Method: SM 10200 H (mod.)
Batch ID: P359794

Component	Result	Code	Units
Chlorophyll-a, Corrected	0.62	U	ug/L
Chlorophyll-a, Uncorrected	0.45	U	ug/L
Phaeophytin-a	0.68	U	ug/L

Reference Method: SM 9223 Quanti-Tray
Batch ID: P359672

Component	Result	Code	Units
Escherichia Coli-Quanti-Tray	1.0	U	MPN/100 mL

Reference Method: SOP-PCR-1.0
Batch ID: P359134

Component	Result	Code	Units
HF183-qPCR	280	U	GEU/100 mL

Reference Method: SOP-PCR-1.0
Batch ID: P359877

Component	Result	Code	Units
HF183-purified-qPCR	47	U	GEU/100 mL

Reference Method: SOP-PCR-1.4
Batch ID: P359134

Component	Result	Code	Units
BacR-qPCR	3.0E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.4
Batch ID: P359877

Component	Result	Code	Units
BacR-purified-qPCR	510	U	TSC/100 mL

Quality Assurance Report Laboratory Control Sample Accuracy

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 10200 H (mod.)

Batch ID: P359794

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	101		P	84 - 116

Reference Method: SOP-PCR-1.0

Batch ID: P359134

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-qPCR	126	143	P/P	50 - 175

Reference Method: SOP-PCR-1.0

Batch ID: P359877

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-purified-qPCR	137	31.3	P/F	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P359134

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-qPCR	103	77.5	P/P	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P359877

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-purified-qPCR	90.8	4.20	P/F	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.0

Batch ID: P359134

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2061397	HF183-qPCR	78.2		P	50 - 175
2061398	HF183-qPCR	92.6		P	50 - 175
2062017	HF183-qPCR	99.3		P	50 - 175
2063491	HF183-qPCR	129		P	50 - 175
2063492	HF183-qPCR	120		P	50 - 175
2063493	HF183-qPCR	124	115	P/P	50 - 175
2063752	HF183-qPCR	95.8		P	50 - 175
2063753	HF183-qPCR	101		P	50 - 175
2063756	HF183-qPCR	68.5		P	50 - 175
2063757	HF183-qPCR	91.0		P	50 - 175
2063758	HF183-qPCR	74.4		P	50 - 175

Reference Method: SOP-PCR-1.0

Batch ID: P359877

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2063754	HF183-purified-qPCR	116		P	50 - 175
2063755	HF183-purified-qPCR	123		P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.4
Batch ID: P359134

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2063491	BacR-qPCR	66.3		P	50 - 175
2063492	BacR-qPCR	81.3		P	50 - 175
2063493	BacR-qPCR	75.4	76.8	P/P	50 - 175
2063752	BacR-qPCR	58.3		P	50 - 175
2063753	BacR-qPCR	59.1		P	50 - 175
2063756	BacR-qPCR	41.4		F	50 - 175
2063757	BacR-qPCR	67.6		P	50 - 175
2063758	BacR-qPCR	44.2		F	50 - 175

Reference Method: SOP-PCR-1.4
Batch ID: P359877

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2063754	BacR-purified-qPCR	93.6		P	50 - 175
2063755	BacR-purified-qPCR	91.3		P	50 - 175

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)
Batch ID: P359794

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2063790	Chlorophyll-a, Corrected	3.38	Sample	P	0 - 25
2063790	Chlorophyll-a, Uncorrected	5.14	Sample	P	0 - 25

Reference Method: SM 9223 Quanti-Tray
Batch ID: P359672

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2063744	Escherichia Coli-Quanti-Tray	3.35	Sample	P	0 - 80
2063797	Escherichia Coli-Quanti-Tray	3.60	Sample	P	0 - 80
2064206	Escherichia Coli-Quanti-Tray	27.5	Sample	P	0 - 80
2064219	Escherichia Coli-Quanti-Tray	12.8	Sample	P	0 - 80

Reference Method: SOP-PCR-1.0
Batch ID: P359134

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2063493	HF183-qPCR	7.25	Spike	P	0 - 25

Reference Method: SOP-PCR-1.4
Batch ID: P359134

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2063493	BacR-qPCR	1.76	Spike	P	0 - 25

Quality Assurance Report Precision

* 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 Surrogates

Lab Sample ID: 2063752
Field Sample ID: G3WA0009

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	105	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	100	P	50 - 300

Lab Sample ID: 2063753
Field Sample ID: G3WA0004

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	108	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	105	P	50 - 300

Lab Sample ID: 2063754
Field Sample ID: G3WA0011

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	10.3	F	30 - 300
SOP-PCR-1.4	SKETA-qPCR	28.6	F	30 - 300

Lab Sample ID: 2063755
Field Sample ID: G3WA0010

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	9.71	F	30 - 300
SOP-PCR-1.4	SKETA-qPCR	25.1	F	30 - 300

Lab Sample ID: 2063756
Field Sample ID: G3WA0013

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	63.2	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	54.1	P	50 - 300

Lab Sample ID: 2063757
Field Sample ID: G3WA0006

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	86.5	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	82.5	P	50 - 300

Lab Sample ID: 2063758
Field Sample ID: G3WA0005

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	95.5	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	86.8	P	50 - 300

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery		MS % Recovery			LCS	Precision	
								SMP	MS
SM 10200 H (mod.)	Chlorophyll-a, Corrected	101						3.38	
	Chlorophyll-a, Uncorrected							5.14	
SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray							3.35	3.60
								27.5	
								12.8	
SOP-PCR-1.0	HF183-purified-qPCR	31.3	137	116	123				
	HF183-qPCR	143	126	129	120	124			7.25
				115					
SOP-PCR-1.4	BacR-purified-qPCR	4.20	90.8	93.6	91.3				
	BacR-qPCR	77.5	103	66.3	81.3	75.4			1.76
				76.8					

Reference Method Descriptions

Method / DoH Cert #	Description	Associated Samples
SM 10200 H (mod.) / E31780	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	2063736, 2063737, 2063738, 2063739, 2063740, 2063741, 2063742, 2063743
SM 9223 Quanti-Tray / E31780	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems	2063744, 2063745, 2063746, 2063747, 2063748, 2063749, 2063750, 2063751
SOP-PCR-1.0 / E31780	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2063752, 2063753, 2063756, 2063757, 2063758
SOP-PCR-1.0 / E31780	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2063754, 2063755
SOP-PCR-1.4 / E31780	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2063752, 2063753, 2063756, 2063757, 2063758
SOP-PCR-1.4 / E31780	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2063754, 2063755

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
SM 10200 H (mod.)	02/20/2019	02/20/2019 13:55	Jennifer Mihalic	02/28/2019 14:50	Carina A. Tull	2063736, 2063737, 2063738, 2063739, 2063740, 2063741, 2063742, 2063743
SM 9223 Quanti-Tray	02/20/2019	02/20/2019 14:45	Peterson Janvier	02/21/2019 08:55	Peterson Janvier	2063744, 2063745, 2063746, 2063747, 2063748, 2063749, 2063750, 2063751
SOP-PCR-1.0	02/20/2019	02/20/2019 09:45	Angela Smith	03/01/2019 11:25	Mailin Lopez	2063752, 2063753, 2063756, 2063757, 2063758
SOP-PCR-1.4	02/20/2019	02/20/2019 09:45	Mailin Lopez	03/14/2019 10:13	Mailin Lopez	2063754, 2063755
	02/20/2019	02/20/2019 09:45	Angela Smith	03/04/2019 08:42	Mailin Lopez	2063752, 2063753, 2063756, 2063757, 2063758
	02/20/2019	02/20/2019 09:45	Mailin Lopez	03/12/2019 11:01	Mailin Lopez	2063754, 2063755