

Biological Analysis Report

SW-DIST-2022-05-17-02

Florida Department of Environmental Protection
Central Laboratory
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DOH Accreditation E31780

Overflow Analyses Performed By:
Benchmark EnvironAnalytical, Inc.
1711 12th Street East
Palmetto, FL 34221
DOH Accreditation E84167

Event Description: **Run 7: Gilly Gamble Buffalo Manatee**
Request ID: **RQ-2022-05-16-05**
Customer: **SW-DIST**
Project ID: **SMP**

Send Reports to:
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Date Certified: 01-JUL-2022 11:09



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, Molecular and Overflow.

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: Manatee River off of Woody's

Collection Date/Time: 05/16/2022 10:40

Field ID: G2SW0120

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327271	Enterolert/QT	Enterococci-Quanti-Tray	30		MPN/100 mL		

Sample Location: Manatee River near River Isles Clubhouse

Collection Date/Time: 05/16/2022 11:10

Field ID: G2SW0119

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327272	Enterolert/QT	Enterococci-Quanti-Tray	30		MPN/100 mL		

Sample Location: Gamble Creek @ Golf Course

Collection Date/Time: 05/16/2022 11:30

Field ID: G2SW0107

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327264	SOP-PCR-1.0	HF183-qPCR**	2.5E+03	I	TSC/100 mL	P413929	
	SOP-PCR-1.4	BacR-qPCR**	1.12E+04		TSC/100 mL	P413929	MS
	SOP-PCR-1.5	DG3-qPCR**	860	U	TSC/100 mL	P413929	
2327268	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	1187		MPN/100 mL		

Sample Location: Gamble Creek @ CR 675

Collection Date/Time: 05/16/2022 11:50

Field ID: G2SW0140

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327262	SM 10200 H (mod.)	Chlorophyll-a, Corrected	3.3		ug/L	P414181	
		Phaeophytin-a	0.98	U	ug/L	P414181	
		Chlorophyll-a, Uncorrected	3.7		ug/L	P414181	
2327273	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	2481		MPN/100 mL		

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: Gilley Creek downstream

Collection Date/Time: 05/16/2022 13:40

Field ID: G2SW0039

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327267	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	441		MPN/100 mL		

Sample Location: Buffalo Creek Canal @ 115th Ave

Collection Date/Time: 05/16/2022 14:40

Field ID: G1SW0123

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327265	SOP-PCR-1.0	HF183-qPCR**	3.3E+03	U	TSC/100 mL	P413929	
	SOP-PCR-1.2	GULL2-qPCR**	6.0E+05	U	TSC/100 mL	P413929	
	SOP-PCR-1.3	GFD-qPCR**	720	U	TSC/100 mL	P413929	
	SOP-PCR-1.4	BacR-qPCR**	3.0E+03	UJ	TSC/100 mL	P413929	MS
	SOP-PCR-1.5	DG3-qPCR**	2.6E+03	U	TSC/100 mL	P413929	
2327269	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	223		MPN/100 mL		

Ref. Method and Comment:

SOP-PCR-1.4: Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Gamble Creek West Branch @ CR 675

Collection Date/Time: 05/16/2022 12:20

Field ID: G2SW0156

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327266	SOP-PCR-1.0	HF183-qPCR**	3.3E+03	U	TSC/100 mL	P413929	
	SOP-PCR-1.2	GULL2-qPCR**	6.0E+05	U	TSC/100 mL	P413929	
	SOP-PCR-1.3	GFD-qPCR**	720	U	TSC/100 mL	P413929	
	SOP-PCR-1.4	BacR-qPCR**	3.0E+03	U	TSC/100 mL	P413929	
	SOP-PCR-1.5	DG3-qPCR**	2.6E+03	U	TSC/100 mL	P413929	
2327270	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	882		MPN/100 mL		

Sample Location: Gilley Crk @ Stricklands

Collection Date/Time: 05/16/2022 14:10

Field ID: G2SW0024

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2327263	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.2	I	ug/L	P414181	
		Phaeophytin-a	0.98	U	ug/L	P414181	
		Chlorophyll-a, Uncorrected	2.3		ug/L	P414181	
2327274	SM 9223 B Quanti-Tray	Escherichia Coli-Quanti-Tray	1076		MPN/100 mL		

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: P414181

Component	Result	Code	Units
Chlorophyll-a, Corrected	0.82	U	ug/L
Chlorophyll-a, Uncorrected	0.60	U	ug/L
Phaeophytin-a	0.90	U	ug/L

Reference Method: SOP-PCR-1.0

Batch ID: P413929

Component	Result	Code	Units
HF183-qPCR	3.3E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.2

Batch ID: P413929

Component	Result	Code	Units
GULL2-qPCR	3.6E+03	U	TSC/100 mL

Reference Method: SOP-PCR-1.3

Batch ID: P413929

Component	Result	Code	Units
GFD-qPCR	720	U	TSC/100 mL

Quality Assurance Report Method Blank Results

Reference Method: SOP-PCR-1.4
Batch ID: P413929

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

Reference Method: SOP-PCR-1.5
Batch ID: P413929

Component	Result	Code	Units
DG3-qPCR	2.6E+03	U	TSC/100 mL

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: SM 10200 H (mod.)
Batch ID: P414181

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	91.3		P	84 - 116

Reference Method: SOP-PCR-1.0
Batch ID: P413929

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-qPCR	87.9	78.4	P/P	50 - 175

Reference Method: SOP-PCR-1.2
Batch ID: P413929

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GULL2-qPCR	105	88.3	P/P	50 - 300

Reference Method: SOP-PCR-1.3
Batch ID: P413929

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GFD-qPCR	100	70.2	P/P	50 - 175

Reference Method: SOP-PCR-1.4
Batch ID: P413929

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-qPCR	108	103	P/P	50 - 175

Reference Method: SOP-PCR-1.5
Batch ID: P413929

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
DG3-qPCR	74.9	83.2	P/P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.0

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327264	HF183-qPCR	82.0	81.1	P	50 - 175
2327265	HF183-qPCR	76.0		P	50 - 175
2327266	HF183-qPCR	87.0		P/P	50 - 175
2327563	HF183-qPCR	80.2		P	50 - 175
2328463	HF183-qPCR	77.8	81.1	P	50 - 175
2328754	HF183-qPCR	75.0		P	50 - 175
2328851	HF183-qPCR	81.5		P	50 - 175
2328852	HF183-qPCR	71.8		P	50 - 175
2328854	HF183-qPCR	77.1	81.1	P	50 - 175
2329745	HF183-qPCR	81.3		P	50 - 175
2330026	HF183-qPCR	77.0		P	50 - 175
2330027	HF183-qPCR	86.7		P	50 - 175

Reference Method: SOP-PCR-1.2

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327265	GULL2-qPCR	95.8	93.3	P	50 - 300
2327266	GULL2-qPCR	75.9		P/P	50 - 300
2328463	GULL2-qPCR	91.7		P	50 - 300
2328754	GULL2-qPCR	74.6		P	50 - 300
2328851	GULL2-qPCR	88.2	93.3	P	50 - 300
2328852	GULL2-qPCR	92.2		P	50 - 300
2328854	GULL2-qPCR	79.9		P	50 - 300
2329745	GULL2-qPCR	82.9		P	50 - 300

Reference Method: SOP-PCR-1.3

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327265	GFD-qPCR	94.7	94.1	P	50 - 175
2327266	GFD-qPCR	88.1		P/P	50 - 175
2327563	GFD-qPCR	98.9		P	50 - 175
2328463	GFD-qPCR	91.3		P	50 - 175
2328754	GFD-qPCR	83.0	94.1	P	50 - 175
2328851	GFD-qPCR	93.5		P	50 - 175
2328852	GFD-qPCR	87.1		P	50 - 175
2328854	GFD-qPCR	90.8		P	50 - 175
2329745	GFD-qPCR	84.6	94.1	P	50 - 175
2330026	GFD-qPCR	90.2		P	50 - 175
2330027	GFD-qPCR	92.4		P	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327264	BacR-qPCR	55.2	65.3	P	50 - 175
2327265	BacR-qPCR	49.4		F	50 - 175
2327266	BacR-qPCR	75.9		P/P	50 - 175
2327563	BacR-qPCR	62.1		P	50 - 175
2328463	BacR-qPCR	60.6	65.3	P	50 - 175
2328754	BacR-qPCR	88.0		P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.4

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2328851	BacR-qPCR	71.2		P	50 - 175
2328852	BacR-qPCR	88.4		P	50 - 175
2328854	BacR-qPCR	70.0		P	50 - 175
2329745	BacR-qPCR	105		P	50 - 175
2330026	BacR-qPCR	91.6		P	50 - 175
2330027	BacR-qPCR	95.3		P	50 - 175

Reference Method: SOP-PCR-1.5

Batch ID: P413929

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2327264	DG3-qPCR	82.2		P	50 - 175
2327265	DG3-qPCR	85.5		P	50 - 175
2327266	DG3-qPCR	83.7	79.0	P/P	50 - 175
2328463	DG3-qPCR	88.4		P	50 - 175
2328754	DG3-qPCR	78.3		P	50 - 175
2328851	DG3-qPCR	81.1		P	50 - 175
2328852	DG3-qPCR	81.8		P	50 - 175
2328854	DG3-qPCR	76.0		P	50 - 175
2329745	DG3-qPCR	78.6		P	50 - 175

Quality Assurance Report Precision

Reference Method: SM 10200 H (mod.)

Batch ID: P414181

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327125	Chlorophyll-a, Corrected	9.97	Sample	P	0 - 25
2327125	Chlorophyll-a, Uncorrected	9.06	Sample	P	0 - 25

Reference Method: SOP-PCR-1.0

Batch ID: P413929

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327266	HF183-qPCR	7.05	Spike	P	0 - 25

Reference Method: SOP-PCR-1.2

Batch ID: P413929

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327266	GULL2-qPCR	20.5	Spike	P	0 - 25

Reference Method: SOP-PCR-1.3

Batch ID: P413929

Replicated

Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
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Quality Assurance Report Precision

Reference Method: SOP-PCR-1.3
Batch ID: P413929

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327266	GFD-qPCR	6.60	Spike	P	0 - 25

Reference Method: SOP-PCR-1.4
Batch ID: P413929

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327266	BacR-qPCR	15.1	Spike	P	0 - 25

Reference Method: SOP-PCR-1.5
Batch ID: P413929

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2327266	DG3-qPCR	5.77	Spike	P	0 - 25

* Sample, spike and/or laboratory control sample precision (LCS) is reported.

Quality Assurance Report Surrogates

Lab Sample ID: 2327264
Field Sample ID: G2SW0107

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	120	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	86.9	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	82.4	P	50 - 300

Lab Sample ID: 2327265
Field Sample ID: G1SW0123

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	112	P	50 - 300
SOP-PCR-1.2	SKETA-qPCR	125	P	50 - 300
SOP-PCR-1.3	SKETA-qPCR	104	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	88.1	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	83.0	P	50 - 300

Lab Sample ID: 2327266
Field Sample ID: G2SW0156

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	94.9	P	50 - 300
SOP-PCR-1.0	SKETA-qPCR	112	P	50 - 300
SOP-PCR-1.2	SKETA-qPCR	129	P	50 - 300
SOP-PCR-1.3	SKETA-qPCR	92.5	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	68.8	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	79.1	P	50 - 300

Quality Assurance Report Surrogates

Lab Sample ID: 2327266
Field Sample ID: G2SW0156

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.5	SKETA-qPCR	74.9	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	76.9	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	91.3						9.97	
	Chlorophyll-a, Uncorrected							9.06	
SOP-PCR-1.0	HF183-qPCR	78.4	87.9	82.0	76.0	87.0			7.05
				81.1					
SOP-PCR-1.2	GULL2-qPCR	88.3	105	95.8	75.9	93.3			20.5
				91.7					
SOP-PCR-1.3	GFD-qPCR	70.2	100	94.7	88.1	94.1			6.60
				98.9					
SOP-PCR-1.4	BacR-qPCR	103	108	55.2	49.4	75.9			15.1
				65.3					
SOP-PCR-1.5	DG3-qPCR	83.2	74.9	82.2	85.5	83.7			5.77
				79.0					

Reference Method Descriptions

Method	Description	Associated Samples
Enterolert/QT	Enterococci by Enterolert/QT by BEA in Palmetto	2327271, 2327272
SM 10200 H (mod.)	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	2327262, 2327263
SM 9223 B Quanti-Tray	E. coli by Colilert/QT by BEA in Palmetto	2327267, 2327268, 2327269, 2327270, 2327273, 2327274
SOP-PCR-1.0	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2327264, 2327265, 2327266
SOP-PCR-1.2	Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction	2327265, 2327266
SOP-PCR-1.3	Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction	2327265, 2327266
SOP-PCR-1.4	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2327264, 2327265, 2327266
SOP-PCR-1.5	Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction	2327264, 2327265, 2327266

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
Enterolert/QT	05/16/2022	05/16/2022 15:43		05/17/2022 15:48	Benchmark EnviroAnalytical - Palmetto	2327271, 2327272
SM 10200 H (mod.)	05/17/2022	05/17/2022 11:05	Ethan Wickline	05/20/2022 09:20	Ethan Wickline	2327262, 2327263
SM 9223 B Quanti-Tray	05/16/2022	05/16/2022 15:50		05/17/2022 16:47	Benchmark EnviroAnalytical - Palmetto	2327267, 2327268, 2327269, 2327270, 2327273, 2327274
SOP-PCR-1.0	05/17/2022	05/17/2022 13:50	Claudia Castro	06/15/2022 17:03	Jennifer Mihalic	2327264, 2327265, 2327266
SOP-PCR-1.2	05/17/2022	05/17/2022 13:50	Claudia Castro	06/22/2022 14:54	Jennifer Mihalic	2327265, 2327266
SOP-PCR-1.3	05/17/2022	05/17/2022 13:50	Claudia Castro	06/22/2022 12:09	Jennifer Mihalic	2327265, 2327266
SOP-PCR-1.4	05/17/2022	05/17/2022 13:50	Claudia Castro	06/20/2022 14:54	Jennifer Mihalic	2327264, 2327265, 2327266
SOP-PCR-1.5	05/17/2022	05/17/2022 13:50	Claudia Castro	06/17/2022 16:01	Jennifer Mihalic	2327264, 2327265, 2327266