

Biological Analysis Report

SO-DIST-2020-01-24-01

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

Overflow Analyses Performed By:
Benchmark EnviroAnalytical, Inc. - North Port
1001 Corporate Avenue, Suite 102
North Port, FL 34289
DOH Accreditation E85086

Event Description: **2020 SMP : Sarasota Cricks**
Request ID: **RQ-2020-01-20-36**
Customer: **SO-DIST**
Project ID: **SMP**

Send Reports to:
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FLDEP South District Office
2295 Victoria Ave. Suite 364
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Certified by: Jacqueline Savage, Environmental Administrator

Date Certified: 13-MAR-2020 15:12



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: South Creek @HonoreAve

Collection Date/Time: 01/23/2020 10:00

Field ID: G3SD0090

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151647	SM 10200 H (mod.)	Chlorophyll-a, Corrected	9.6		ug/L	P377887	
		Phaeophytin-a	2.4	I	ug/L	P377887	
		Chlorophyll-a, Uncorrected	11		ug/L	P377887	
2151665	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	31		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: Hatchett@PinebrookRd

Collection Date/Time: 01/23/2020 11:40

Field ID: G3SD0103

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151648	SM 10200 H (mod.)	Chlorophyll-a, Corrected	5.2		ug/L	P377887	
		Phaeophytin-a	2.5	I	ug/L	P377887	
		Chlorophyll-a, Uncorrected	6.9		ug/L	P377887	
2151662	SOP-PCR-1.0	HF183-qPCR**	140	U	GEU/100 mL	P377540	
	SOP-PCR-1.2	GULL2-qPCR**	8.4E+03	U	TSC/100 mL	P377540	
	SOP-PCR-1.3	GFD-purified-qPCR**	84	UJ	TSC/100 mL	P377625	LCS, MS
	SOP-PCR-1.4	BacR-qPCR**	1.5E+03	U	TSC/100 mL	P377540	RPD
	SOP-PCR-1.5	DG3-qPCR**	1.3E+03	U	TSC/100 mL	P377540	
2151666	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	880		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.

SOP-PCR-1.3: Quality control failure(s) observed. See QA report for details.

Sample Location: Curry(Tidal)@AlbeeFarm

Collection Date/Time: 01/23/2020 10:45

Field ID: G3SD0066

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151649	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.8	I	ug/L	P377887	
		Phaeophytin-a	1.6	U	ug/L	P377887	
		Chlorophyll-a, Uncorrected	3.3		ug/L	P377887	
2151663	SOP-PCR-1.0	HF183-qPCR**	71	U	GEU/100 mL	P377540	
	SOP-PCR-1.2	GULL2-qPCR**	4.2E+03	U	TSC/100 mL	P377540	
	SOP-PCR-1.3	GFD-purified-qPCR**	190	I	TSC/100 mL	P377625	LCS, MS
	SOP-PCR-1.4	BacR-qPCR**	760	U	TSC/100 mL	P377540	RPD
	SOP-PCR-1.5	DG3-qPCR**	640	U	TSC/100 mL	P377540	
2151667	Enterolert/QT	Enterococci-Quanti-Tray	75		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: Curry(Tidal)@AlbeeFarm

Collection Date/Time: 01/23/2020 10:50

Field ID: G3SD0066_dup

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151650	SM 10200 H (mod.)	Chlorophyll-a, Corrected	2.8	I	ug/L	P377887	

Field ID: G3SD0066_dup

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151650	SM 10200 H (mod.)	Phaeophytin-a	2.1	U	ug/L	P377887	
		Chlorophyll-a, Uncorrected	3.1	I	ug/L	P377887	
2151664	SOP-PCR-1.0	HF183-qPCR**	71	U	GEU/100 mL	P377540	
	SOP-PCR-1.2	GULL2-qPCR**	4.2E+03	U	TSC/100 mL	P377540	
	SOP-PCR-1.3	GFD-purified-qPCR**	390	I	TSC/100 mL	P377625	LCS, MS
	SOP-PCR-1.4	BacR-qPCR**	760	U	TSC/100 mL	P377540	RPD
	SOP-PCR-1.5	DG3-qPCR**	640	U	TSC/100 mL	P377540	
2151668	Enterolert/QT	Enterococci-Quanti-Tray	161		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: Alligator Tidal @ US 41

Collection Date/Time: 01/23/2020 12:30

Field ID: G2SD0025

Matrix: W-SURF-SLT

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151651	SM 10200 H (mod.)	Chlorophyll-a, Corrected	23		ug/L	P377887	
		Phaeophytin-a	2.0	I	ug/L	P377887	
		Chlorophyll-a, Uncorrected	25		ug/L	P377887	
2151669	Enterolert/QT	Enterococci-Quanti-Tray	120		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: Alligator @ Jacaranda

Collection Date/Time: 01/23/2020 13:15

Field ID: G2SD0026

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2151652	SM 10200 H (mod.)	Chlorophyll-a, Corrected	10		ug/L	P377887	
		Phaeophytin-a	1.6	I	ug/L	P377887	
		Chlorophyll-a, Uncorrected	12		ug/L	P377887	
2151670	SM 9223 Quanti-Tray	Escherichia Coli-Quanti-Tray	109		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: P377887

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: P377540

Component	Result	Code	Units
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Quality Assurance Report Method Blank Results

Reference Method: SOP-PCR-1.0
Batch ID: P377540

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

Reference Method: SOP-PCR-1.2
Batch ID: P377540

Component	Result	Code	Units
GULL2-qPCR	1.7E+04	U	TSC/100 mL

Reference Method: SOP-PCR-1.3
Batch ID: P377625

Component	Result	Code	Units
GFD-purified-qPCR	340	U	TSC/100 mL

Reference Method: SOP-PCR-1.4
Batch ID: P377540

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

Reference Method: SOP-PCR-1.5
Batch ID: P377540

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: P377887

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlorophyll-a, Corrected	105		P	84 - 116

Reference Method: SOP-PCR-1.0
Batch ID: P377540

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
HF183-qPCR	125	124	P/P	50 - 175

Reference Method: SOP-PCR-1.2
Batch ID: P377540

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GULL2-qPCR	81.6	82.8	P/P	50 - 300

Reference Method: SOP-PCR-1.3
Batch ID: P377625

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

Reference Method: SOP-PCR-1.3
Batch ID: P377625

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
GFD-purified-qPCR	144	42.5	P/F	50 - 175

Reference Method: SOP-PCR-1.4
Batch ID: P377540

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
BacR-qPCR	117	131	P/P	50 - 175

Reference Method: SOP-PCR-1.5
Batch ID: P377540

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
DG3-qPCR	105	120	P/P	50 - 175

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.0
Batch ID: P377540

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2150993	HF183-qPCR	113		P	50 - 175
2150994	HF183-qPCR	110		P	50 - 175
2150995	HF183-qPCR	154		P	50 - 175
2150996	HF183-qPCR	108		P	50 - 175
2150997	HF183-qPCR	109	108	P/P	50 - 175
2151447	HF183-qPCR	110		P	50 - 175
2151448	HF183-qPCR	111		P	50 - 175
2151449	HF183-qPCR	110		P	50 - 175
2151450	HF183-qPCR	109		P	50 - 175
2151662	HF183-qPCR	111		P	50 - 175
2151663	HF183-qPCR	107		P	50 - 175
2151664	HF183-qPCR	105		P	50 - 175

Reference Method: SOP-PCR-1.2
Batch ID: P377540

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2150993	GULL2-qPCR	97.7		P	50 - 300
2150994	GULL2-qPCR	86.1		P	50 - 300
2150995	GULL2-qPCR	89.0		P	50 - 300
2150996	GULL2-qPCR	84.4		P	50 - 300
2150997	GULL2-qPCR	84.6	78.7	P/P	50 - 300
2151447	GULL2-qPCR	76.4		P	50 - 300
2151448	GULL2-qPCR	69.9		P	50 - 300
2151449	GULL2-qPCR	77.7		P	50 - 300
2151450	GULL2-qPCR	76.2		P	50 - 300
2151662	GULL2-qPCR	70.6		P	50 - 300
2151663	GULL2-qPCR	65.7		P	50 - 300
2151664	GULL2-qPCR	66.8		P	50 - 300

Quality Assurance Report Matrix Spike Accuracy

Reference Method: SOP-PCR-1.3

Batch ID: P377625

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2149641	GFD-purified-qPCR	169		P	50 - 175
2151447	GFD-purified-qPCR	162		P	50 - 175
2151448	GFD-purified-qPCR	185		F	50 - 175
2151449	GFD-purified-qPCR	166		P	50 - 175
2151450	GFD-purified-qPCR	165	164	P/P	50 - 175
2151662	GFD-purified-qPCR	177		F	50 - 175
2151663	GFD-purified-qPCR	172		P	50 - 175
2151664	GFD-purified-qPCR	159		P	50 - 175

Reference Method: SOP-PCR-1.4

Batch ID: P377540

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2150993	BacR-qPCR	94.8		P	50 - 175
2150994	BacR-qPCR	89.3		P	50 - 175
2150995	BacR-qPCR	92.2		P	50 - 175
2150996	BacR-qPCR	84.7		P	50 - 175
2150997	BacR-qPCR	119	90.6	P/P	50 - 175
2151447	BacR-qPCR	93.5		P	50 - 175
2151448	BacR-qPCR	90.0		P	50 - 175
2151449	BacR-qPCR	88.3		P	50 - 175
2151450	BacR-qPCR	84.9		P	50 - 175
2151662	BacR-qPCR	97.0		P	50 - 175
2151663	BacR-qPCR	87.3		P	50 - 175
2151664	BacR-qPCR	84.6		P	50 - 175

Reference Method: SOP-PCR-1.5

Batch ID: P377540

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2150993	DG3-qPCR	97.4		P	50 - 175
2150994	DG3-qPCR	90.9		P	50 - 175
2150995	DG3-qPCR	87.3		P	50 - 175
2150996	DG3-qPCR	101		P	50 - 175
2150997	DG3-qPCR	100	98.6	P/P	50 - 175
2151447	DG3-qPCR	97.5		P	50 - 175
2151448	DG3-qPCR	87.4		P	50 - 175
2151449	DG3-qPCR	82.6		P	50 - 175
2151450	DG3-qPCR	107		P	50 - 175
2151662	DG3-qPCR	101		P	50 - 175
2151663	DG3-qPCR	90.0		P	50 - 175
2151664	DG3-qPCR	84.0		P	50 - 175

Quality Assurance Report Precision

Reference Method: SOP-PCR-1.0

Batch ID: P377540

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-1.0
 Batch ID: P377540

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2150997	HF183-qPCR	1.29	Spike	P	0 - 25

Reference Method: SOP-PCR-1.2
 Batch ID: P377540

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2150997	GULL2-qPCR	7.16	Spike	P	0 - 25

Reference Method: SOP-PCR-1.3
 Batch ID: P377625

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2151450	GFD-purified-qPCR	0.115	Spike	P	0 - 25

Reference Method: SOP-PCR-1.4
 Batch ID: P377540

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2150997	BacR-qPCR	27.1	Spike	F	0 - 25

Reference Method: SOP-PCR-1.5
 Batch ID: P377540

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2150997	DG3-qPCR	1.49	Spike	P	0 - 25

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

Quality Assurance Report Surrogates

Lab Sample ID: 2151662
 Field Sample ID: G3SD0103

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	81.4	P	50 - 300
SOP-PCR-1.2	SKETA-qPCR	93.5	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	97.7	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	96.0	P	50 - 300

Lab Sample ID: 2151663
 Field Sample ID: G3SD0066

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	91.5	P	50 - 300

Quality Assurance Report Surrogates

Lab Sample ID: 2151663
Field Sample ID: G3SD0066

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.2	SKETA-qPCR	89.0	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	88.0	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	93.4	P	50 - 300

Lab Sample ID: 2151664
Field Sample ID: G3SD0066_dup

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
SOP-PCR-1.0	SKETA-qPCR	81.1	P	50 - 300
SOP-PCR-1.2	SKETA-qPCR	90.1	P	50 - 300
SOP-PCR-1.4	SKETA-qPCR	92.6	P	50 - 300
SOP-PCR-1.5	SKETA-qPCR	91.6	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	105							
SOP-PCR-1.0	HF183-qPCR	124	125	113	110	154			1.29
				108					
SOP-PCR-1.2	GULL2-qPCR	82.8	81.6	76.2	70.6	65.7			7.16
				66.8					
SOP-PCR-1.3	GFD-purified-qPCR	42.5	144	162	185	166			0.115
				165					
SOP-PCR-1.4	BacR-qPCR	131	117	94.8	89.3	92.2			27.1
				84.7					
SOP-PCR-1.5	DG3-qPCR	120	105	97.4	90.9	87.3			1.49
				101					

Reference Method Descriptions

Method	Description	Associated Samples
Enterolert/QT	Enterococci by Enterolert/QT by BEA South in North Port	2151667, 2151668, 2151669
SM 10200 H (mod.)	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	2151647, 2151648, 2151649, 2151650, 2151651, 2151652
SM 9223 Quanti-Tray	E. coli by Colilert/QT by BEA South in North Port	2151665, 2151666, 2151670
SOP-PCR-1.0	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction	2151662, 2151663, 2151664
SOP-PCR-1.2	Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction	2151662, 2151663, 2151664
SOP-PCR-1.3	Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction	2151662, 2151663, 2151664
SOP-PCR-1.4	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	2151662, 2151663, 2151664
SOP-PCR-1.5	Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction	2151662, 2151663, 2151664

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
Enterolert/QT	01/23/2020	01/23/2020 15:15		01/24/2020 16:07	Benchmark EnviroAnalytical in North Port	2151667, 2151668, 2151669
SM 10200 H (mod.)	01/24/2020	01/24/2020 14:25	Carina A. Tull	01/29/2020 09:48	Jessica Fetgatter	2151647, 2151648, 2151649, 2151650, 2151651, 2151652
SM 9223 Quanti-Tray	01/23/2020	01/23/2020 15:12		01/24/2020 15:38	Benchmark EnviroAnalytical in North Port	2151665, 2151666, 2151670
SOP-PCR-1.0	01/24/2020	01/24/2020 11:30	Angela Smith	01/29/2020 10:18	Lauren Campbell	2151662, 2151663, 2151664
SOP-PCR-1.2	01/24/2020	01/24/2020 11:30	Angela Smith	01/30/2020 11:06	Mailin Lopez	2151662, 2151663, 2151664
SOP-PCR-1.3	01/24/2020	01/24/2020 11:30	Angela Smith	02/03/2020 07:38	Mailin Lopez	2151662, 2151663, 2151664
SOP-PCR-1.4	01/24/2020	01/24/2020 11:30	Angela Smith	01/29/2020 14:05	Lauren Campbell	2151662, 2151663, 2151664
SOP-PCR-1.5	01/24/2020	01/24/2020 11:30	Angela Smith	01/30/2020 14:07	Lauren Campbell	2151662, 2151663, 2151664