

Chemical Analysis Report

SE-DIST-2024-05-31-02

Florida DEP Laboratory
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Tallahassee, FL 32399-2400
DOH Accreditation E31780

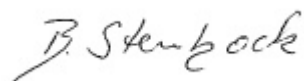
Event Description: **Algal Bloom Response - SE ROC**
Request ID: **RQ-2024-05-13-63**
Customer: **SE-DIST**
Project ID: **BLOOM-RESP**

Send Reports to:
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FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
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Date Certified: 11-JUN-2024 12:39



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: Nutrients and Pesticides.

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: C-17 Canal - Congress Ave

Collection Date/Time: 05/30/2024 12:00

Field ID: SEHAB0119

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2490287	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P449878	
		Cylindrospermopsin	0.10	U	ug/L	P445877	
		Desmethyl microcystin LR	0.25	U	ug/L	P445877	
		Microcystin HlR	0.25	U	ug/L	P445877	
		Microcystin HtyR	0.25	U	ug/L	P445877	
		Microcystin LA	0.10	U	ug/L	P445877	
		Microcystin LF	0.10	U	ug/L	P445877	
		Microcystin LR	0.25	U	ug/L	P445877	
		Microcystin LW	0.25	U	ug/L	P445877	
		Microcystin LY	0.10	U	ug/L	P445877	
		Microcystin RR	0.10	U	ug/L	P445877	
		Microcystin WR	0.50	U	ug/L	P445877	
		Neosaxitoxin	0.50	U	ug/L	P449878	
		Microcystin YR	0.25	U	ug/L	P445877	
		Saxitoxin	0.50	U	ug/L	P449878	
		Nodularin-R	0.10	U	ug/L	P445877	

Sample Location: C-17 Canal - Congress Ave

Collection Date/Time: 05/30/2024 12:00

Field ID: SEHAB0119

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2490284	DEP SOP: NU-094-1	Color (true)	39		PCU	P445897	
2490285	EPA 350.1 Rev. 2.0	Ammonia-N	0.040		mg N/L	P446007	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.7		mg N/L	P445927	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.013		mg N/L	P446219	
	EPA 365.1 Rev. 2.0	Total-P	0.10		mg P/L	P445933	
2490286	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.014		mg P/L	P445887	

Quality Assurance Report
Method Blank Results

Reference Method: DEP SOP: NU-094-1
Batch ID: P445897

Component	Result	Code	Units
Color (true)	2.5	U	PCU

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P446007

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P445927

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P446219

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P445933

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P445887

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

Reference Method: EPA 8321B
Batch ID: P445877

Component	Result	Code	Units
Cylindrospermopsin	0.10	U	ug/L
Desmethyl microcystin LR	0.25	U	ug/L
Microcystin H1LR	0.25	U	ug/L
Microcystin HtyR	0.25	U	ug/L
Microcystin LA	0.10	U	ug/L
Microcystin LF	0.10	U	ug/L
Microcystin LR	0.25	U	ug/L
Microcystin LW	0.25	U	ug/L
Microcystin LY	0.10	U	ug/L
Microcystin RR	0.10	U	ug/L
Microcystin WR	0.50	U	ug/L
Microcystin YR	0.25	U	ug/L
Nodularin-R	0.10	U	ug/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B
Batch ID: P449878

Component	Result	Code	Units
Anatoxin-a	0.25	U	ug/L
Neosaxitoxin	0.50	U	ug/L
Saxitoxin	0.50	U	ug/L

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: DEP SOP: NU-094-1
Batch ID: P445897

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Color (true)	102		P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P446007

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Ammonia-N	94.0		P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P445927

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Kjeldahl Nitrogen	104		P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P446219

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
NO2NO3-N	98.0		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P445933

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: P445887

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	105		P	90 - 110

Reference Method: EPA 8321B
Batch ID: P445877

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Cylindrospermopsin	80.6		P	40 - 160
Desmethyl microcystin LR	87.6		P	40 - 160
Microcystin H11R	85.7		P	40 - 160
Microcystin HtyR	89.5		P	40 - 160
Microcystin LA	91.3		P	40 - 160
Microcystin LF	93.3		P	40 - 160
Microcystin LR	82.5		P	40 - 160
Microcystin LW	88.5		P	40 - 160
Microcystin LY	85.8		P	40 - 160
Microcystin RR	82.7		P	40 - 160
Microcystin WR	89.0		P	40 - 160
Microcystin YR	83.2		P	40 - 160
Nodularin-R	85.6		P	40 - 160

Quality Assurance Report
Laboratory Control Sample Accuracy

Reference Method: EPA 8321B
Batch ID: P449878

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Anatoxin-a	101		P	40 - 150
Neosaxitoxin	81.1		P	40 - 150
Saxitoxin	89.2		P	40 - 150

Quality Assurance Report

Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P446007

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490157	Ammonia-N	93.8	96.2	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P445927

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490156	Kjeldahl Nitrogen	101	103	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P446219

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490131	NO2NO3-N	99.2	99.8	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P445933

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490277	Total-P	102	108	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P445887

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490190	O-Phosphate-P	99.1	98.9	P/P	90 - 110

Reference Method: EPA 8321B
Batch ID: P445877

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490287	Cylindrospermopsin	81.3	79.0	P/P	40 - 160
2490287	Desmethyl microcystin LR	91.0	86.0	P/P	40 - 160
2490287	Microcystin HiLR	89.2	84.3	P/P	40 - 160
2490287	Microcystin HtyR	91.5	86.8	P/P	40 - 160
2490287	Microcystin LA	91.5	85.5	P/P	40 - 160
2490287	Microcystin LF	100	92.6	P/P	40 - 160
2490287	Microcystin LR	87.6	82.9	P/P	40 - 160
2490287	Microcystin LW	92.5	88.1	P/P	40 - 160
2490287	Microcystin LY	91.2	86.8	P/P	40 - 160
2490287	Microcystin RR	83.3	78.8	P/P	40 - 160
2490287	Microcystin WR	91.4	86.5	P/P	40 - 160
2490287	Microcystin YR	90.7	85.3	P/P	40 - 160
2490287	Nodularin-R	86.6	84.8	P/P	40 - 160

Reference Method: EPA 8321B
Batch ID: P449878

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2490287	Anatoxin-a	99.2	87.3	P/P	40 - 150
2490287	Neosaxitoxin	53.2	47.2	P/P	40 - 150
2490287	Saxitoxin	62.2	54.5	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: DEP SOP: NU-094-1
Batch ID: P445897

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490154	Color (true)	4.32	Sample	P	0 - 20

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P446007

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490157	Ammonia-N	2.26	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P445927

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490156	Kjeldahl Nitrogen	1.19	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P446219

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490131	NO2NO3-N	0.423	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P445933

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490277	Total-P	4.03	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P445887

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490190	O-Phosphate-P	0.202	Spike	P	0 - 20

Reference Method: EPA 8321B
Batch ID: P445877

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490287	Cylindrospermopsin	2.87	Spike	P	0 - 30
2490287	Desmethyl microcystin LR	5.70	Spike	P	0 - 30
2490287	Microcystin HtIR	5.71	Spike	P	0 - 30
2490287	Microcystin HtyR	5.36	Spike	P	0 - 30
2490287	Microcystin LA	6.82	Spike	P	0 - 30
2490287	Microcystin LF	8.03	Spike	P	0 - 30
2490287	Microcystin LR	5.48	Spike	P	0 - 30
2490287	Microcystin LW	4.82	Spike	P	0 - 30
2490287	Microcystin LY	4.96	Spike	P	0 - 30

Quality Assurance Report
Precision

Reference Method: EPA 8321B
Batch ID: P445877

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490287	Microcystin RR	5.47	Spike	P	0 - 30
2490287	Microcystin WR	5.48	Spike	P	0 - 30
2490287	Microcystin YR	6.08	Spike	P	0 - 30
2490287	Nodularin-R	2.10	Spike	P	0 - 30

Reference Method: EPA 8321B
Batch ID: P449878

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2490287	Anatoxin-a	12.8	Spike	P	0 - 30
2490287	Neosaxitoxin	11.9	Spike	P	0 - 30
2490287	Saxitoxin	13.2	Spike	P	0 - 30

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

Quality Assurance Report
Surrogates

Lab Sample ID: 2490287
Field Sample ID: SEHAB0119

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	99.8	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	86.6	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B
Run ID: A125904
Included Lab Sample IDs: 2490287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Cylindrospermopsin	90.6	88.2	P/P	60 - 160
Desmethyl microcystin LR	92.4	93.3	P/P	60 - 160
Microcystin HilR	89.2	94.3	P/P	60 - 160
Microcystin HtyR	96.9	95.9	P/P	60 - 160
Microcystin LA	99.8	101	P/P	50 - 160
Microcystin LF	100	103	P/P	50 - 160
Microcystin LR	92.1	89.3	P/P	60 - 160
Microcystin LW	97.6	98.9	P/P	60 - 160
Microcystin LY	93.6	92.1	P/P	60 - 160
Microcystin RR	84.5	84.0	P/P	60 - 160
Microcystin WR	96.6	98.1	P/P	60 - 160
Microcystin YR	93.0	92.2	P/P	60 - 160
Nodularin-R	86.9	88.1	P/P	60 - 160

Reference Method: EPA 8321B
Run ID: A125905
Included Lab Sample IDs: 2490287

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Anatoxin-a	95.8	95.5	P/P	50 - 160
Neosaxitoxin	86.4	86.0	P/P	50 - 160
Saxitoxin	92.4	93.8	P/P	50 - 160

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Run ID: A125934
Included Lab Sample IDs: 2490286

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	98.4	98.3	P/P	90 - 110

Reference Method: DEP SOP: NU-094-1
Run ID: A125937
Included Lab Sample IDs: 2490284

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Color (true)	101	100	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A125963
Included Lab Sample IDs: 2490285

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	103	104	P/P	90 - 110

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A125971
Included Lab Sample IDs: 2490285

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	97.5	97.6	P/P	90 - 110

Quality Assurance Report
Calibration Verification

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A126023
Included Lab Sample IDs: 2490285

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	102	98.4	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A126056
Included Lab Sample IDs: 2490285

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	99.5	99.5	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		LCS	Precision	MS
						SMP	
DEP SOP: NU-094-1	Color (true)	102				4.32	
EPA 350.1 Rev. 2.0	Ammonia-N	94.0	93.8	96.2			2.26
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	104	101	103			1.19
EPA 353.2 Rev. 2.0	NO2NO3-N	98.0	99.2	99.8			0.423
EPA 365.1 Rev. 2.0	Total-P	102	102	108			4.03
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	105	99.1	98.9			0.202
EPA 8321B	Anatoxin-a	101	99.2	87.3			12.8
	Cylindrospermopsin	80.6	79.0	81.3			2.87
	Desmethyl microcystin LR	87.6	86.0	91.0			5.70
	Microcystin HiLR	85.7	84.3	89.2			5.71
	Microcystin HtyR	89.5	86.8	91.5			5.36
	Microcystin LA	91.3	91.5	85.5			6.82
	Microcystin LF	93.3	100	92.6			8.03
	Microcystin LR	82.5	82.9	87.6			5.48
	Microcystin LW	88.5	92.5	88.1			4.82
	Microcystin LY	85.8	91.2	86.8			4.96
	Microcystin RR	82.7	78.8	83.3			5.47
	Microcystin WR	89.0	86.5	91.4			5.48
	Microcystin YR	83.2	85.3	90.7			6.08
	Neosaxitoxin	81.1	53.2	47.2			11.9
	Nodularin-R	85.6	84.8	86.6			2.10
	Saxitoxin	89.2	62.2	54.5			13.2

Reference Method Descriptions

Method	Description	Associated Samples
DEP SOP: NU-094-1	True Color measured at 450 nm (not valid for NPDES monitoring)	2490284
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2490285
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2490285
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2490285
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2490285
EPA 365.1 Rev. 2.0 dissolved	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2490286
EPA 8321B	Microcystins in water matrices by HPLC/MS/MS	2490287
EPA 8321B	Saxitoxin in water matrices by HPLC/MS/MS	2490287

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
DEP SOP: NU-094-1	05/31/2024			05/31/2024 14:33	Samantha L Bates	2490284
EPA 350.1 Rev. 2.0	05/31/2024			06/04/2024 14:30	Khloe J Berg	2490285
EPA 351.2 Rev. 2.0	05/31/2024	06/04/2024 10:57	Robyn Blevins	06/06/2024 11:19	Robyn Blevins	2490285
EPA 353.2 Rev. 2.0	05/31/2024			06/07/2024 13:17	Fadila Guebre	2490285
EPA 365.1 Rev. 2.0	05/31/2024	06/03/2024 11:54	Josephine W Gitau	06/04/2024 11:00	Simonne.V. Calhoun	2490285
EPA 365.1 Rev. 2.0 dissolved	05/31/2024			05/31/2024 12:10	Elise M. Gillis	2490286
EPA 8321B	05/31/2024	05/31/2024 13:30	Tae K Lee	05/31/2024 20:15	Tae K Lee	2490287
	05/31/2024	05/31/2024 13:30	Tae K Lee	06/01/2024 03:50	Tae K Lee	2490287