Chemical Analysis Report

WQAP-2021-10-13-02

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

Event Description: **Algal Bloom Response - SE ROC**
Request ID: **RQ-2021-10-11-66**
Customer: **WQAP**
Project ID: **BLOOM-RESP**

Send Reports to:
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs

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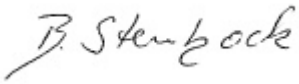
Certified by: Dr. rer. nat. Bettina Steinbock, Environmental Administrator Date Certified: 03-NOV-2021 17:54



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: Lake Okeechobee - S308C (Lakeside) **Collection Date/Time: 10/12/2021 09:45**

Field ID: SEHAB0062 Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2283024	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P404968	
		Cylindrospermopsin	0.10	U	ug/L	P404968	
		Desmethyl microcystin LR	0.25	U	ug/L	P404968	
		Microcystin HilR**	0.25	U	ug/L	P404968	
		Microcystin HtyR**	0.25	U	ug/L	P404968	
		Microcystin LA	0.10	U	ug/L	P404968	
		Microcystin LF	0.10	U	ug/L	P404968	
		Microcystin LR	0.25	U	ug/L	P404968	
		Microcystin LW	0.25	U	ug/L	P404968	
		Microcystin LY	0.10	U	ug/L	P404968	
		Microcystin RR	0.10	U	ug/L	P404968	
		Microcystin WR	0.50	U	ug/L	P404968	
		Microcystin YR	0.25	U	ug/L	P404968	
		Nodularin-R**	0.10	U	ug/L	P404968	
2283026	EPA 350.1 Rev. 2.0	Ammonia-N	0.042		mg N/L	P405436	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.94		mg N/L	P405473	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.051		mg N/L	P405172	
	EPA 365.1 Rev. 2.0	Total-P	0.11		mg P/L	P405093	
2283028	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.053		mg P/L	P405006	

Sample Location: C44 Canal - S308C (Canal Side) **Collection Date/Time: 10/12/2021 10:00**

Field ID: SEHAB0063 Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2283025	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P404968	
		Cylindrospermopsin	0.10	U	ug/L	P404968	
		Desmethyl microcystin LR	0.25	U	ug/L	P404968	
		Microcystin HilR**	0.25	U	ug/L	P404968	
		Microcystin HtyR**	0.25	U	ug/L	P404968	
		Microcystin LA	0.10	U	ug/L	P404968	
		Microcystin LF	0.10	U	ug/L	P404968	
		Microcystin LR	0.29	I	ug/L	P404968	
		Microcystin LW	0.25	U	ug/L	P404968	
		Microcystin LY	0.10	U	ug/L	P404968	
		Microcystin RR	0.10	U	ug/L	P404968	
		Microcystin WR	0.50	U	ug/L	P404968	
		Microcystin YR	0.25	U	ug/L	P404968	
		Nodularin-R**	0.10	U	ug/L	P404968	
2283027	EPA 350.1 Rev. 2.0	Ammonia-N	0.044		mg N/L	P405436	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	1.2		mg N/L	P405473	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.23		mg N/L	P405172	
	EPA 365.1 Rev. 2.0	Total-P	0.20		mg P/L	P405093	
2283029	EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	0.14		mg P/L	P405006	

Quality Assurance Report
Method Blank Results

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405436

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405473

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405172

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

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405093

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

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405006

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

Reference Method: EPA 8321B
Batch ID: P404968

Component	Result	Code	Units
Anatoxin-a	0.25	U	ug/L
Cylindrospermopsin	0.10	U	ug/L
Desmethyl microcystin LR	0.25	U	ug/L
Microcystin HilR	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
Laboratory Control Sample Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405436

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

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405473

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

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405172

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
NO2NO3-N	101		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405093

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Total-P	107		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405006

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
O-Phosphate-P	97.1		P	90 - 110

Reference Method: EPA 8321B
Batch ID: P404968

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Anatoxin-a	74.9		P	40 - 150
Cylindrospermopsin	82.5		P	40 - 150
Desmethyl microcystin LR	92.7		P	40 - 150
Microcystin HilR	97.4		P	40 - 150
Microcystin HtyR	97.6		P	40 - 150
Microcystin LA	96.3		P	40 - 150
Microcystin LF	96.5		P	40 - 150
Microcystin LR	85.9		P	40 - 150
Microcystin LW	77.5		P	40 - 150
Microcystin LY	96.9		P	40 - 150
Microcystin RR	87.4		P	40 - 150
Microcystin WR	82.0		P	40 - 150
Microcystin YR	95.0		P	40 - 150
Nodularin-R	89.2		P	40 - 150

Quality Assurance Report
Matrix Spike Accuracy

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405436

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2283051	Ammonia-N	98.8	100	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405473

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2282867	Kjeldahl Nitrogen	100	102	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405172

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2283051	NO2NO3-N	95.8		P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405093

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2283026	Total-P	106	102	P/P	90 - 110

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405006

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2283055	O-Phosphate-P	101	101	P/P	90 - 110

Reference Method: EPA 8321B
Batch ID: P404968

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2282896	Anatoxin-a	92.7	93.9	P/P	40 - 150
2282896	Cylindrospermopsin	83.8	82.4	P/P	40 - 150
2282896	Desmethyl microcystin LR	102	92.1	P/P	40 - 150
2282896	Microcystin HilR	107	104	P/P	40 - 150
2282896	Microcystin HtyR	102	100	P/P	40 - 150
2282896	Microcystin LA	95.4	91.4	P/P	40 - 150
2282896	Microcystin LF	94.7	93.5	P/P	40 - 150
2282896	Microcystin LR	104	99.4	P/P	40 - 150
2282896	Microcystin LW	83.2	82.5	P/P	40 - 150
2282896	Microcystin LY	100	97.3	P/P	40 - 150
2282896	Microcystin RR	94.6	92.9	P/P	40 - 150
2282896	Microcystin WR	89.4	95.4	P/P	40 - 150
2282896	Microcystin YR	97.5	97.9	P/P	40 - 150
2282896	Nodularin-R	95.5	92.7	P/P	40 - 150

Quality Assurance Report
Precision

Reference Method: EPA 350.1 Rev. 2.0
Batch ID: P405436

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2283051	Ammonia-N	0.686	Spike	P	0 - 20

Reference Method: EPA 351.2 Rev. 2.0
Batch ID: P405473

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2282867	Kjeldahl Nitrogen	1.02	Spike	P	0 - 20

Reference Method: EPA 353.2 Rev. 2.0
Batch ID: P405172

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2283051	NO2NO3-N	0.0	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0
Batch ID: P405093

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2283026	Total-P	3.40	Spike	P	0 - 20

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Batch ID: P405006

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2283055	O-Phosphate-P	0.198	Spike	P	0 - 20

Reference Method: EPA 8321B
Batch ID: P404968

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2282896	Anatoxin-a	1.24	Spike	P	0 - 30
2282896	Cylindrospermopsin	1.71	Spike	P	0 - 30
2282896	Desmethyl microcystin LR	10.3	Spike	P	0 - 30
2282896	Microcystin HilR	2.72	Spike	P	0 - 30
2282896	Microcystin HtyR	1.15	Spike	P	0 - 30
2282896	Microcystin LA	4.27	Spike	P	0 - 30
2282896	Microcystin LF	1.27	Spike	P	0 - 30
2282896	Microcystin LR	4.09	Spike	P	0 - 30
2282896	Microcystin LW	0.948	Spike	P	0 - 30
2282896	Microcystin LY	2.84	Spike	P	0 - 30
2282896	Microcystin RR	1.77	Spike	P	0 - 30
2282896	Microcystin WR	6.44	Spike	P	0 - 30
2282896	Microcystin YR	0.409	Spike	P	0 - 30
2282896	Nodularin-R	2.95	Spike	P	0 - 30

Quality Assurance Report
Precision

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

Quality Assurance Report
Surrogates

Lab Sample ID: 2283024
Field Sample ID: SEHAB0062

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Microcystin LR-d7	122	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	93.8	P	30 - 160

Lab Sample ID: 2283025
Field Sample ID: SEHAB0063

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Microcystin LR-d7	121	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	100	P	30 - 160

Quality Assurance Report
Calibration Verification

Reference Method: EPA 365.1 Rev. 2.0 dissolved
Run ID: A108313
Included Lab Sample IDs: 2283028, 2283029

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
O-Phosphate-P	98.7	99.4	P/P	90 - 110

Reference Method: EPA 8321B
Run ID: A108316
Included Lab Sample IDs: 2283024, 2283025

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Anatoxin-a	105	98.2	P/P	50 - 160
Anatoxin-a	98.2	98.1	P/P	50 - 160
Cylindrospermopsin	100	94.6	P/P	50 - 160
Cylindrospermopsin	101	100	P/P	50 - 160
Desmethyl microcystin LR	115	110	P/P	50 - 160
Desmethyl microcystin LR	125	115	P/P	50 - 160
Microcystin HilR	125	128	P/P	50 - 160
Microcystin HilR	129	125	P/P	50 - 160
Microcystin HtyR	131	131	P/P	50 - 160
Microcystin HtyR	138	131	P/P	50 - 160
Microcystin LA	118	115	P/P	50 - 160
Microcystin LA	121	118	P/P	50 - 160
Microcystin LF	122	121	P/P	50 - 160
Microcystin LF	128	122	P/P	50 - 160
Microcystin LR	123	124	P/P	50 - 160
Microcystin LR	124	127	P/P	50 - 160
Microcystin LW	119	123	P/P	50 - 160
Microcystin LW	123	124	P/P	50 - 160
Microcystin LY	128	123	P/P	50 - 160
Microcystin LY	129	128	P/P	50 - 160
Microcystin RR	108	108	P/P	50 - 160
Microcystin RR	114	108	P/P	50 - 160
Microcystin WR	125	125	P/P	50 - 160
Microcystin WR	131	125	P/P	50 - 160
Microcystin YR	120	121	P/P	50 - 160
Microcystin YR	126	120	P/P	50 - 160
Nodularin-R	106	106	P/P	50 - 160
Nodularin-R	113	106	P/P	50 - 160

Reference Method: EPA 365.1 Rev. 2.0
Run ID: A108375
Included Lab Sample IDs: 2283026, 2283027

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Total-P	105	107	P/P	90 - 110
Total-P	107	105	P/P	90 - 110

Reference Method: EPA 353.2 Rev. 2.0
Run ID: A108378
Included Lab Sample IDs: 2283026, 2283027

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
NO2NO3-N	100	101	P/P	90 - 110

Quality Assurance Report
Calibration Verification

Reference Method: EPA 350.1 Rev. 2.0
Run ID: A108476
Included Lab Sample IDs: 2283026, 2283027

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Ammonia-N	101	99.1	P/P	90 - 110

Reference Method: EPA 351.2 Rev. 2.0
Run ID: A108513
Included Lab Sample IDs: 2283026, 2283027

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Kjeldahl Nitrogen	98.6	96.9	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		
					LCS	SMP	MS
EPA 350.1 Rev. 2.0	Ammonia-N	97.6	98.8	100			0.686
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	102	100	102			1.02
EPA 353.2 Rev. 2.0	NO2NO3-N	101	95.8				0.0
EPA 365.1 Rev. 2.0	Total-P	107	106	102			3.40
EPA 365.1 Rev. 2.0 dissolved	O-Phosphate-P	97.1	101	101			0.198
EPA 8321B	Anatoxin-a	74.9	92.7	93.9			1.24
	Cylindrospermopsin	82.5	83.8	82.4			1.71
	Desmethyl microcystin LR	92.7	102	92.1			10.3
	Microcystin HilR	97.4	107	104			2.72
	Microcystin HtyR	97.6	102	100			1.15
	Microcystin LA	96.3	95.4	91.4			4.27
	Microcystin LF	96.5	94.7	93.5			1.27
	Microcystin LR	85.9	104	99.4			4.09
	Microcystin LW	77.5	83.2	82.5			0.948
	Microcystin LY	96.9	100	97.3			2.84
	Microcystin RR	87.4	94.6	92.9			1.77
	Microcystin WR	82.0	89.4	95.4			6.44
	Microcystin YR	95.0	97.5	97.9			0.409
	Nodularin-R	89.2	95.5	92.7			2.95

Reference Method Descriptions

Method	Description	Associated Samples
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L	2283026, 2283027
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices	2283026, 2283027
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L	2283026, 2283027
EPA 365.1 Rev. 2.0	Total Phosphorus in aqueous matrices as mg P/L	2283026, 2283027
EPA 365.1 Rev. 2.0 dissolved	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	2283028, 2283029
EPA 8321B	Microcystins in water matrices by HPLC/MS/MS	2283024, 2283025

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 350.1 Rev. 2.0	10/13/2021			10/21/2021 11:47	Ping Hua	2283026
	10/13/2021			10/21/2021 11:49	Ping Hua	2283027
EPA 351.2 Rev. 2.0	10/13/2021	10/22/2021 11:54	Benjamin T. Nordmann	10/25/2021 10:39	Alexandra J Mattheus	2283026
	10/13/2021	10/22/2021 11:54	Benjamin T. Nordmann	10/25/2021 10:41	Alexandra J Mattheus	2283027
EPA 353.2 Rev. 2.0	10/13/2021			10/18/2021 10:24	Beverly Y. Sanders	2283026
	10/13/2021			10/18/2021 10:25	Beverly Y. Sanders	2283027
EPA 365.1 Rev. 2.0	10/13/2021	10/15/2021 15:22	Simonne.V. Calhoun	10/18/2021 10:26	Lipi Saha	2283026
	10/13/2021	10/15/2021 15:22	Simonne.V. Calhoun	10/18/2021 10:36	Lipi Saha	2283027
EPA 365.1 Rev. 2.0 dissolved	10/13/2021			10/13/2021 15:11	James L Waggerby	2283028, 2283029
EPA 8321B	10/13/2021	10/13/2021 11:30	Manjita Shrestha	10/13/2021 19:13	Manjita Shrestha	2283024
	10/13/2021	10/13/2021 11:30	Manjita Shrestha	10/13/2021 19:47	Manjita Shrestha	2283025