

Chemical Analysis Report

CEN-DIST-2022-06-22-01

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

Event Description: **Smith Canal x2**
Request ID: **RQ-2022-06-20-78**
Customer: **CEN-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
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Certified by: Colin Wright, Program Administrator

Date Certified: 30-JUN-2022 12:14

A handwritten signature in black ink, appearing to read "Colin Wright", is shown on a light-colored rectangular background.

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 group are included in this report: 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: Smith Canal @ Upstream of Nebraska Ave

Collection Date/Time: 06/21/2022 12:05

Field ID: G2CE0073

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2336418	EPA 8321B	2,4-D	0.061		ug/L	P415624	
		Acesulfame K	0.10	U	ug/L	P415552	
		2,4,5-T	0.0040	U	ug/L	P415624	
		AMPA	0.40	I	ug/L	P415552	
		Acetaminophen	0.0080	U	ug/L	P415624	
		Acetamiprid	0.0026	I	ug/L	P415624	
		Endothall	0.25	U	ug/L	P415552	
		Glufosinate	0.10	U	ug/L	P415552	
		Glyphosate	0.42		ug/L	P415552	
		Afidopyropen	0.0020	U	ug/L	P415624	
		Bentazon	0.17		ug/L	P415624	
		Sucralose	1.8		ug/L	P415552	
		Benzovindiflupyr	0.0020	U	ug/L	P415624	
		Carbamazepine	0.0023	I	ug/L	P415624	
		Clothianidin	0.023		ug/L	P415624	
		Dinotefuran	0.0076	I	ug/L	P415624	
		Diuron	0.012		ug/L	P415624	
		Fenuron	0.032	U	ug/L	P415624	
		Fluridone	0.060		ug/L	P415624	
		Imazapyr	0.12		ug/L	P415624	
		Hydrocodone	0.0020	U	ug/L	P415624	
		Ibuprofen	0.080	U	ug/L	P415624	
		Imidacloprid	0.051		ug/L	P415624	
		Linuron	0.0040	U	ug/L	P415624	
		Mandestrobin	0.0020	U	ug/L	P415624	
		MCPP	0.0070	I	ug/L	P415624	
		Naproxen	0.0080	U	ug/L	P415624	
		Primidone	0.0041	I	ug/L	P415624	
		Pyraclostrobin	0.0020	U	ug/L	P415624	
		Silvex	0.0040	U	ug/L	P415624	
		Thiamethoxam	0.0020	U	ug/L	P415624	
		Tolfenpyrad	0.0020	U	ug/L	P415624	
		Triclopyr	0.0040	U	ug/L	P415624	

Sample Location: Smith Canal 40m S of St. Johns Pkwy

Collection Date/Time: 06/21/2022 12:19

Field ID: G2CE0241

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2336419	EPA 8321B	2,4-D	0.56		ug/L	P415624	
		Acesulfame K	0.10	I	ug/L	P415552	
		2,4,5-T	0.0040	U	ug/L	P415624	
		AMPA	0.66		ug/L	P415552	
		Acetaminophen	0.0080	U	ug/L	P415624	
		Acetamiprid	0.0040	I	ug/L	P415624	
		Endothall	0.25	U	ug/L	P415552	
		Glufosinate	0.10	U	ug/L	P415552	
		Glyphosate	1.4		ug/L	P415552	
		Afidopyropen	0.0020	U	ug/L	P415624	
		Bentazon	0.080		ug/L	P415624	
		Sucralose	2.1		ug/L	P415552	
		Benzovindiflupyr	0.0020	U	ug/L	P415624	
		Carbamazepine	0.0034		ug/L	P415624	
		Clothianidin	0.013		ug/L	P415624	
		Dinotefuran	0.0048	I	ug/L	P415624	
		Diuron	0.017		ug/L	P415624	
		Fenuron	0.032	U	ug/L	P415624	
		Fluridone	0.039		ug/L	P415624	
		Imazapyr	0.076		ug/L	P415624	
		Hydrocodone	0.0020	U	ug/L	P415624	
		Ibuprofen	0.080	U	ug/L	P415624	
		Imidacloprid	0.033		ug/L	P415624	
		Linuron	0.0040	U	ug/L	P415624	
		Mandestrobin	0.0020	U	ug/L	P415624	
		MCPP	0.037		ug/L	P415624	
		Naproxen	0.0080	U	ug/L	P415624	
		Primidone	0.0055	I	ug/L	P415624	
		Pyraclostrobin	0.0020	U	ug/L	P415624	
		Silvex	0.0040	U	ug/L	P415624	
		Thiamethoxam	0.0020	U	ug/L	P415624	
		Tolfenpyrad	0.0020	U	ug/L	P415624	
		Triclopyr	0.0040	U	ug/L	P415624	

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B

Batch ID: P415552

Component	Result	Code	Units
Acesulfame K	0.10	U	ug/L
AMPA	0.10	U	ug/L
Endothall	0.25	U	ug/L
Glufosinate	0.10	U	ug/L
Glyphosate	0.10	U	ug/L
Sucralose	0.010	U	ug/L

Reference Method: EPA 8321B

Batch ID: P415624

Component	Result	Code	Units
2,4-D	0.0020	U	ug/L
2,4,5-T	0.0040	U	ug/L
Acetaminophen	0.0080	U	ug/L
Acetamiprid	0.0020	U	ug/L
Afidopyropen	0.0020	U	ug/L
Bentazon	8.0E-04	U	ug/L
Benzovindiflupyr	0.0020	U	ug/L
Carbamazepine	8.0E-04	U	ug/L
Clothianidin	0.0020	U	ug/L
Dinotefuran	0.0020	U	ug/L
Diuron	0.0020	U	ug/L
Fenuron	0.032	U	ug/L
Fluridone	8.0E-04	U	ug/L
Hydrocodone	0.0020	U	ug/L
Ibuprofen	0.080	U	ug/L
Imazapyr	0.0040	U	ug/L
Imidacloprid	0.0020	U	ug/L
Linuron	0.0040	U	ug/L
Mandestrobin	0.0020	U	ug/L
MCPP	0.0040	U	ug/L
Naproxen	0.0080	U	ug/L
Primidone	0.0040	U	ug/L
Pyraclostrobin	0.0020	U	ug/L
Silvex	0.0040	U	ug/L
Thiamethoxam	0.0020	U	ug/L
Tolfenpyrad	0.0020	U	ug/L
Triclopyr	0.0040	U	ug/L

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8321B
Batch ID: P415552

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	81.1		P	40 - 150
AMPA	95.8		P	40 - 150
Endothall	78.1		P	40 - 150
Glufosinate	96.9		P	40 - 150
Glyphosate	96.7		P	40 - 150
Sucralose	99.6		P	40 - 150

Reference Method: EPA 8321B
Batch ID: P415624

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	77.2		P	40 - 150
2,4,5-T	45.4		P	40 - 150
Acetaminophen	88.8		P	30 - 150
Acetamiprid	85.3		P	40 - 150
Afidopyropen	68.6		P	30 - 150
Bentazon	80.6		P	30 - 150
Benzovindiflupyr	87.1		P	40 - 150
Carbamazepine	92.2		P	40 - 150
Clothianidin	92.6		P	40 - 150
Dinotefuran	93.4		P	40 - 150
Diuron	99.4		P	40 - 150
Fenuron	89.8		P	40 - 150
Fluridone	86.5		P	40 - 150
Hydrocodone	86.7		P	40 - 150
Ibuprofen	80.1		P	40 - 150
Imazapyr	98.8		P	40 - 150
Imidacloprid	97.1		P	40 - 150
Linuron	81.7		P	40 - 150
Mandestrobin	82.8		P	40 - 150
MCPP	72.3		P	40 - 150
Naproxen	53.6		P	40 - 150
Primidone	84.4		P	40 - 150
Pyraclostrobin	71.6		P	40 - 150
Silvex	48.8		P	40 - 150
Thiamethoxam	88.1		P	40 - 150
Tolfenpyrad	40.0		P	30 - 150
Triclopyr	50.0		P	40 - 150

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B
Batch ID: P415552

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2336418	Acesulfame K	74.2	75.3	P/P	40 - 150
2336418	AMPA	77.0	75.1	P/P	40 - 150
2336418	Endothall	80.5	80.7	P/P	40 - 150
2336418	Glufosinate	81.6	79.4	P/P	40 - 150
2336418	Glyphosate	70.1	66.3	P/P	40 - 150
2336418	Sucralose	90.9	95.3	P/P	40 - 150

Reference Method: EPA 8321B
Batch ID: P415624

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2336373	2,4-D	82.8	79.4	P/P	40 - 150
2336373	2,4,5-T	52.7	51.3	P/P	40 - 150
2336373	Acetaminophen	107	105	P/P	30 - 150
2336373	Acetamiprid	96.5	100	P/P	40 - 150
2336373	Afidopyropen	80.2	75.0	P/P	30 - 150
2336373	Bentazon	78.6	70.9	P/P	30 - 150
2336373	Benzovindiflupyr	86.8	80.4	P/P	40 - 150
2336373	Carbamazepine	93.4	95.1	P/P	40 - 150
2336373	Clothianidin	81.4	87.0	P/P	40 - 150
2336373	Dinotefuran	107	109	P/P	40 - 150
2336373	Diuron	98.9	85.0	P/P	40 - 150
2336373	Fenuron	85.0	86.8	P/P	40 - 150
2336373	Fluridone	88.1	85.9	P/P	40 - 150
2336373	Hydrocodone	92.8	92.7	P/P	40 - 150
2336373	Ibuprofen	68.7	73.5	P/P	40 - 150
2336373	Imazapyr	78.7	92.9	P/P	40 - 150
2336373	Imidacloprid	109	115	P/P	40 - 150
2336373	Linuron	76.2	79.5	P/P	40 - 150
2336373	Mandestrobin	84.9	82.8	P/P	40 - 150
2336373	MCP	73.7	73.0	P/P	40 - 150
2336373	Naproxen	69.5	70.8	P/P	40 - 150
2336373	Primidone	102	92.4	P/P	40 - 150
2336373	Pyraclostrobin	77.4	77.8	P/P	40 - 150
2336373	Silvex	60.0	61.7	P/P	40 - 150
2336373	Thiamethoxam	100	97.1	P/P	40 - 150
2336373	Tolfenpyrad	41.9	43.5	P/P	30 - 150
2336373	Triclopyr	58.0	53.3	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: EPA 8321B
 Batch ID: P415552

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2336418	Acesulfame K	1.51	Spike	P	0 - 30
2336418	AMPA	2.10	Spike	P	0 - 30
2336418	Endothall	0.328	Spike	P	0 - 30
2336418	Glufosinate	2.77	Spike	P	0 - 30
2336418	Glyphosate	4.43	Spike	P	0 - 30
2336418	Sucralose	2.69	Spike	P	0 - 30

Reference Method: EPA 8321B
 Batch ID: P415624

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2336373	2,4-D	4.24	Spike	P	0 - 30
2336373	2,4,5-T	2.72	Spike	P	0 - 30
2336373	Acetaminophen	1.77	Spike	P	0 - 30
2336373	Acetamiprid	4.00	Spike	P	0 - 30
2336373	Afidopyropen	6.71	Spike	P	0 - 30
2336373	Bentazon	10.4	Spike	P	0 - 30
2336373	Benzovindiflupyr	7.67	Spike	P	0 - 30
2336373	Carbamazepine	1.82	Spike	P	0 - 30
2336373	Clothianidin	6.67	Spike	P	0 - 30
2336373	Dinotefuran	1.36	Spike	P	0 - 30
2336373	Diuron	15.1	Spike	P	0 - 30
2336373	Fenuron	2.13	Spike	P	0 - 30
2336373	Fluridone	2.46	Spike	P	0 - 30
2336373	Hydrocodone	0.155	Spike	P	0 - 30
2336373	Ibuprofen	6.86	Spike	P	0 - 30
2336373	Imazapyr	15.4	Spike	P	0 - 30
2336373	Imidacloprid	5.26	Spike	P	0 - 30
2336373	Linuron	4.27	Spike	P	0 - 30
2336373	Mandestrobin	2.53	Spike	P	0 - 30
2336373	MCPP	0.891	Spike	P	0 - 30
2336373	Naproxen	1.78	Spike	P	0 - 30
2336373	Primidone	10.3	Spike	P	0 - 30
2336373	Pyraclostrobin	0.595	Spike	P	0 - 30
2336373	Silvex	2.83	Spike	P	0 - 30
2336373	Thiamethoxam	3.14	Spike	P	0 - 30
2336373	Tolfenpyrad	3.71	Spike	P	0 - 30
2336373	Triclopyr	8.43	Spike	P	0 - 30

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

Quality Assurance Report Surrogates

Lab Sample ID: 2336418

Field Sample ID: G2CE0073

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	72.5	P	30 - 160
EPA 8321B	Acetaminophen-d4	96.6	P	30 - 160
EPA 8321B	Carbamazepine-d10	105	P	30 - 160
EPA 8321B	Diuron-d6	84.1	P	30 - 160
EPA 8321B	Endothall-d6	77.4	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	74.1	P	30 - 160
EPA 8321B	Ibuprofen-d3	60.6	P	30 - 160
EPA 8321B	Primidone-d5	91.3	P	30 - 160
EPA 8321B	Sucralose-d6	101	P	30 - 160

Lab Sample ID: 2336419

Field Sample ID: G2CE0241

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	71.5	P	30 - 160
EPA 8321B	Acetaminophen-d4	95.6	P	30 - 160
EPA 8321B	Carbamazepine-d10	98.5	P	30 - 160
EPA 8321B	Diuron-d6	81.3	P	30 - 160
EPA 8321B	Endothall-d6	68.2	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	78.5	P	30 - 160
EPA 8321B	Ibuprofen-d3	52.9	P	30 - 160
EPA 8321B	Primidone-d5	93.4	P	30 - 160
EPA 8321B	Sucralose-d6	100	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A113044

Included Lab Sample IDs: 2336418, 2336419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	74.1	76.8	P/P	60 - 160
Acesulfame K	76.8	73.9	P/P	60 - 160
Sucralose	93.9	95.2	P/P	60 - 160
Sucralose	95.2	95.4	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A113093

Included Lab Sample IDs: 2336418, 2336419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
AMPA	87.1	90.1	P/P	60 - 160
AMPA	94.1	87.1	P/P	60 - 160
Glufosinate	67.5	74.7	P/P	60 - 160
Glufosinate	79.3	67.5	P/P	60 - 160
Glyphosate	86.5	92.2	P/P	60 - 160
Glyphosate	87.8	86.5	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A113094

Included Lab Sample IDs: 2336418, 2336419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Endothall	104	60.7	P/P	60 - 160
Endothall	60.7	62.0	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A113154

Included Lab Sample IDs: 2336418, 2336419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	103	95.4	P/P	50 - 150
2,4,5-T	101	97.7	P/P	50 - 150
Acetaminophen	98.6	104	P/P	60 - 160
Acetamiprid	98.9	102	P/P	50 - 150
Afidopyropen	87.3	104	P/P	50 - 150
Bentazon	108	99.1	P/P	50 - 160
Bentazon	80.2	83.7	P/P	50 - 160
Benzovindiflupyr	104	106	P/P	50 - 150
Carbamazepine	103	104	P/P	60 - 150
Clothianidin	92.4	96.7	P/P	60 - 150
Dinotefuran	98.8	104	P/P	50 - 150
Diuron	100	118	P/P	60 - 160
Fenuron	97.5	96.0	P/P	60 - 150
Fluridone	104	106	P/P	60 - 160
Hydrocodone	101	104	P/P	60 - 150
Ibuprofen	70.1	72.6	P/P	50 - 160
Imazapyr	88.1	87.7	P/P	50 - 150
Imidacloprid	91.2	110	P/P	60 - 150
Linuron	98.8	89.4	P/P	60 - 150
Mandestrobin	99.5	99.8	P/P	50 - 150
MCPP	106	98.6	P/P	50 - 150

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A113154

Included Lab Sample IDs: 2336418, 2336419

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Naproxen	106	115	P/P	50 - 160
Primidone	99.0	107	P/P	60 - 150
Pyraclostrobin	100	101	P/P	60 - 150
Silvex	95.1	91.3	P/P	50 - 150
Thiamethoxam	101	95.8	P/P	50 - 150
Tolfenpyrad	99.0	95.2	P/P	60 - 150
Triclopyr	97.2	106	P/P	50 - 150

* 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 SMP	MS
			LCS			
EPA 8321B	2,4-D	77.2	82.8	79.4		4.24
	2,4,5-T	45.4	52.7	51.3		2.72
	Acesulfame K	81.1	74.2	75.3		1.51
	Acetaminophen	88.8	107	105		1.77
	Acetamiprid	85.3	96.5	100		4.00
	Afidopyropen	68.6	80.2	75.0		6.71
	AMPA	95.8	77.0	75.1		2.10
	Bentazon	80.6	78.6	70.9		10.4
	Benzovindiflupyr	87.1	86.8	80.4		7.67
	Carbamazepine	92.2	93.4	95.1		1.82
	Clothianidin	92.6	81.4	87.0		6.67
	Dinotefuran	93.4	107	109		1.36
	Diuron	99.4	98.9	85.0		15.1
	Endothall	78.1	80.5	80.7		0.328
	Fenuron	89.8	85.0	86.8		2.13
	Fluridone	86.5	88.1	85.9		2.46
	Glufosinate	96.9	81.6	79.4		2.77
	Glyphosate	96.7	70.1	66.3		4.43
	Hydrocodone	86.7	92.8	92.7		0.155
	Ibuprofen	80.1	68.7	73.5		6.86
	Imazapyr	98.8	78.7	92.9		15.4
	Imidacloprid	97.1	109	115		5.26
	Linuron	81.7	76.2	79.5		4.27
	Mandestrobin	82.8	84.9	82.8		2.53
	MCPP	72.3	73.7	73.0		0.891
	Naproxen	53.6	69.5	70.8		1.78
	Primidone	84.4	102	92.4		10.3
	Pyraclostrobin	71.6	77.4	77.8		0.595
	Silvex	48.8	60.0	61.7		2.83
	Sucralose	99.6	90.9	95.3		2.69
	Thiamethoxam	88.1	100	97.1		3.14
	Tolfenpyrad	40.0	41.9	43.5		3.71
	Triclopyr	50.0	58.0	53.3		8.43

Reference Method Descriptions

Method	Description	<u>Associated Samples</u>
EPA 8321B	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	2336418, 2336419

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8321B	06/22/2022	06/23/2022 09:00	Umesh Chiluwal	06/23/2022 10:21	Umesh Chiluwal	2336418
	06/22/2022	06/23/2022 09:00	Umesh Chiluwal	06/23/2022 22:01	Umesh Chiluwal	2336418
	06/22/2022	06/23/2022 09:00	Umesh Chiluwal	06/24/2022 12:46	Umesh Chiluwal	2336418
	06/22/2022	06/23/2022 10:30	Umesh Chiluwal	06/23/2022 13:51	Umesh Chiluwal	2336419
	06/22/2022	06/23/2022 10:30	Umesh Chiluwal	06/24/2022 01:03	Umesh Chiluwal	2336419
	06/22/2022	06/23/2022 10:30	Umesh Chiluwal	06/24/2022 18:50	Umesh Chiluwal	2336419
	06/22/2022	06/24/2022 10:00	June Rhew	06/24/2022 21:05	Juyoung Kim	2336418
	06/22/2022	06/24/2022 10:00	June Rhew	06/24/2022 21:26	Juyoung Kim	2336419
	06/22/2022	06/24/2022 10:00	June Rhew	06/27/2022 10:50	Juyoung Kim	2336418