

Chemical Analysis Report

CEN-DIST-2018-11-27-03

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

Event Description: **Crane Strand Drain X2 + D&B**
Request ID: **RQ-2018-11-26-39**
Customer: **CEN-DIST**
Project ID: **SMP**

Send Reports to:
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Date Certified: 06-DEC-2018 13:14



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 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: Crane Strand Drain @ 100m US of University Blvd

Collection Date/Time: 11/26/2018 09:25

Field ID: G2CE0077

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2043673	EPA 8321B	2,4-D	0.0031	I	ug/L	P355009	
		Bentazon	0.029		ug/L	P355009	
		MCP	0.0041	I	ug/L	P355009	
		Triclopyr**	0.0040	U	ug/L	P355009	
		Imidacloprid	0.0055	I	ug/L	P355009	
		Diuron	0.012		ug/L	P355009	
		Pyraclostrobin**	0.0020	UJ	ug/L	P355009	CCV
		Primidone**	0.0040	U	ug/L	P355009	RPD
		Linuron	0.0040	U	ug/L	P355009	
		Acetaminophen**	0.0080	U	ug/L	P355009	
		Fenuron	0.016	U	ug/L	P355009	
		Imazapyr**	0.19		ug/L	P355009	
		Carbamazepine**	8.0E-04	U	ug/L	P355009	
		Fluridone**	0.037		ug/L	P355009	
		Hydrocodone**	8.0E-04	U	ug/L	P355009	
		Naproxen**	0.0080	U	ug/L	P355009	RPD
		Ibuprofen**	0.020	U	ug/L	P355009	
		Sucralose**	0.40		ug/L	P355225	
		Acesulfame K**	0.17	I	ug/L	P355225	

Ref. Method and Comment:

EPA 8321B: MS accuracy for imazapyr could not be assessed due to high concentration of parameter in the spiked sample. Refer to the narrative for an explanation of QC Codes.

Sample Location: Crane Strand Drain @ 250m North of University Blvd **Collection Date/Time: 11/26/2018 09:32**

Field ID: G2CE0157

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2043674	EPA 8321B	2,4-D	0.0072	I	ug/L	P355009	
		Bentazon	0.034		ug/L	P355009	
		MCP	0.0045	I	ug/L	P355009	
		Triclopyr**	0.0040	U	ug/L	P355009	
		Imidacloprid	0.0056	I	ug/L	P355009	
		Diuron	0.011		ug/L	P355009	
		Pyraclostrobin**	0.0020	UJ	ug/L	P355009	CCV
		Primidone**	0.0040	U	ug/L	P355009	RPD
		Linuron	0.0040	U	ug/L	P355009	
		Acetaminophen**	0.0080	U	ug/L	P355009	
		Fenuron	0.016	U	ug/L	P355009	
		Imazapyr**	0.13		ug/L	P355009	
		Carbamazepine**	8.0E-04	U	ug/L	P355009	
		Fluridone**	0.039		ug/L	P355009	
		Hydrocodone**	8.0E-04	U	ug/L	P355009	
		Naproxen**	0.0080	U	ug/L	P355009	RPD
		Ibuprofen**	0.020	U	ug/L	P355009	
		Sucralose**	0.43		ug/L	P355225	
		Acesulfame K**	0.19	I	ug/L	P355225	

Ref. Method and Comment:

EPA 8321B: MS accuracy for imazapyr could not be assessed due to high concentration of parameter in the spiked sample. Refer to the narrative for an explanation of QC Codes.

Sample Location: Crane Strand Drain @ 100m US of Unversity Blvd

Collection Date/Time: 11/26/2018 09:27

Field ID: G2CE0077_DUP

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2043675	EPA 8321B	2,4-D	0.0042	I	ug/L	P355009	
		Bentazon	0.035		ug/L	P355009	
		MCP	0.0047	I	ug/L	P355009	
		Triclopyr**	0.0040	U	ug/L	P355009	
		Imidacloprid	0.0062	I	ug/L	P355009	
		Diuron	0.012		ug/L	P355009	
		Pyraclostrobin**	0.0020	UJ	ug/L	P355009	CCV
		Primidone**	0.0040	U	ug/L	P355009	RPD
		Linuron	0.0040	U	ug/L	P355009	
		Acetaminophen**	0.0080	U	ug/L	P355009	
		Fenuron	0.016	U	ug/L	P355009	
		Imazapyr**	0.18		ug/L	P355009	
		Carbamazepine**	8.0E-04	U	ug/L	P355009	
		Fluridone**	0.040		ug/L	P355009	
		Hydrocodone**	8.0E-04	U	ug/L	P355009	
		Naproxen**	0.0080	U	ug/L	P355009	RPD
		Ibuprofen**	0.020	U	ug/L	P355009	
		Sucralose**	0.42		ug/L	P355225	
		Acesulfame K**	0.20	I	ug/L	P355225	

Ref. Method and Comment:

EPA 8321B: MS accuracy for imazapyr could not be assessed due to high concentration of parameter in the spiked sample. Refer to the narrative for an explanation of QC Codes.

Sample Location: Field ID_BLANK11262018

Collection Date/Time: 11/26/2018 09:30

Field ID: Field ID_BLANK11262018

Matrix: W-FIELD-BK

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2043676	EPA 8321B	2,4-D	0.0020	U	ug/L	P355009	
		Bentazon	8.0E-04	U	ug/L	P355009	
		MCP	0.0020	U	ug/L	P355009	
		Triclopyr**	0.0040	U	ug/L	P355009	
		Imidacloprid	0.0020	U	ug/L	P355009	
		Diuron	0.0020	U	ug/L	P355009	
		Pyraclostrobin**	0.0020	UJ	ug/L	P355009	CCV
		Primidone**	0.0040	U	ug/L	P355009	RPD
		Linuron	0.0040	U	ug/L	P355009	
		Acetaminophen**	0.0080	U	ug/L	P355009	
		Fenuron	0.016	U	ug/L	P355009	
		Imazapyr**	0.0040	U	ug/L	P355009	
		Carbamazepine**	8.0E-04	U	ug/L	P355009	
		Fluridone**	4.0E-04	U	ug/L	P355009	
		Hydrocodone**	8.0E-04	U	ug/L	P355009	
		Naproxen**	0.0080	U	ug/L	P355009	RPD
		Ibuprofen**	0.020	U	ug/L	P355009	
		Sucralose**	0.010	U	ug/L	P355225	
		Acesulfame K**	0.10	U	ug/L	P355225	

Ref. Method and Comment:

EPA 8321B: MS accuracy for imazapyr could not be assessed due to high concentration of parameter in the spiked sample. Refer to the narrative for an explanation of QC Codes.

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B
Batch ID: P355009

Component	Result	Code	Units
2,4-D	0.0020	U	ug/L
Acetaminophen	0.0080	U	ug/L
Bentazon	8.0E-04	U	ug/L
Carbamazepine	8.0E-04	U	ug/L
Diuron	0.0020	U	ug/L
Fenuron	0.016	U	ug/L
Fluridone	4.0E-04	U	ug/L
Hydrocodone	8.0E-04	U	ug/L
Ibuprofen	0.020	U	ug/L
Imazapyr	0.0040	U	ug/L
Imidacloprid	0.0020	U	ug/L
Linuron	0.0040	U	ug/L
MCP	0.0020	U	ug/L
Naproxen	0.0080	U	ug/L
Primidone	0.0040	U	ug/L
Pyraclostrobin	0.0020	U	ug/L
Triclopyr	0.0040	U	ug/L

Reference Method: EPA 8321B
Batch ID: P355225

Component	Result	Code	Units
Acesulfame K	0.10	U	ug/L
Sucralose	0.010	U	ug/L

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8321B
Batch ID: P355009

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	85.1		P	40 - 150
Acetaminophen	114		P	30 - 150
Bentazon	72.6		P	30 - 150
Carbamazepine	80.4		P	40 - 150
Diuron	69.6		P	40 - 150
Fenuron	101		P	40 - 150
Fluridone	107		P	40 - 150
Hydrocodone	98.6		P	40 - 150
Ibuprofen	78.4		P	40 - 150
Imazapyr	77.8		P	40 - 150
Imidacloprid	108		P	40 - 160
Linuron	76.9		P	40 - 150
MCPP	113		P	40 - 150
Naproxen	91.5		P	40 - 150
Primidone	80.0		P	40 - 150
Pyraclostrobin	71.7		P	40 - 150
Triclopyr	72.1		P	40 - 150

Reference Method: EPA 8321B
Batch ID: P355225

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	102		P	40 - 150
Sucralose	114		P	40 - 150

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B
 Batch ID: P355009

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2043262	2,4-D	107	120	P/P	40 - 150
2043262	Acetaminophen	130	130	P/P	30 - 150
2043262	Bentazon	53.3	62.0	P/P	30 - 150
2043262	Carbamazepine	79.7	81.3	P/P	40 - 150
2043262	Diuron	61.7	64.9	P/P	40 - 150
2043262	Fenuron	81.5	84.7	P/P	40 - 150
2043262	Fluridone	105	102	P/P	40 - 150
2043262	Hydrocodone	84.1	85.3	P/P	40 - 150
2043262	Ibuprofen	72.3	66.9	P/P	40 - 150
2043262	Imidacloprid	125	128	P/P	40 - 160
2043262	Linuron	67.2	68.2	P/P	40 - 150
2043262	MCP	134	129	P/P	40 - 150
2043262	Naproxen	86.6	59.7	P/P	40 - 150
2043262	Primidone	79.8	131	P/P	40 - 150
2043262	Pyraclostrobin	54.7	53.1	P/P	40 - 150
2043262	Triclopyr	79.2	78.2	P/P	40 - 150

Reference Method: EPA 8321B
 Batch ID: P355225

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2043566	Acesulfame K	99.8	100	P/P	40 - 150
2043566	Sucralose	114	113	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: EPA 8321B
Batch ID: P355009

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2043262	2,4-D	11.0	Spike	P	0 - 30
2043262	Acetaminophen	0.135	Spike	P	0 - 30
2043262	Bentazon	15.2	Spike	P	0 - 30
2043262	Carbamazepine	1.96	Spike	P	0 - 30
2043262	Diuron	5.07	Spike	P	0 - 30
2043262	Fenuron	3.92	Spike	P	0 - 30
2043262	Fluridone	2.98	Spike	P	0 - 30
2043262	Hydrocodone	1.37	Spike	P	0 - 30
2043262	Ibuprofen	7.79	Spike	P	0 - 30
2043262	Imazapyr	20.5	Spike	P	0 - 30
2043262	Imidacloprid	2.12	Spike	P	0 - 30
2043262	Linuron	1.51	Spike	P	0 - 30
2043262	MCP	4.01	Spike	P	0 - 30
2043262	Naproxen	36.8	Spike	F	0 - 30
2043262	Primidone	48.9	Spike	F	0 - 30
2043262	Pyraclostrobin	2.97	Spike	P	0 - 30
2043262	Triclopyr	1.20	Spike	P	0 - 30

Reference Method: EPA 8321B
Batch ID: P355225

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2043566	Acesulfame K	0.180	Spike	P	0 - 30
2043566	Sucralose	1.25	Spike	P	0 - 30

* Sample, spike and/or laboratory control sample precision (LCS) is reported.
Replicate spike precision may be reported when sample results are below quantifiable levels.

Quality Assurance Report Surrogates

Lab Sample ID: 2043673

Field Sample ID: G2CE0077

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	72.4	P	30 - 160
EPA 8321B	Acetaminophen-d4	88.3	P	30 - 160
EPA 8321B	Carbamazepine-d10	69.5	P	30 - 160
EPA 8321B	Diuron-d6	75.7	P	30 - 160
EPA 8321B	Endothall-d6	91.5	P	40 - 160
EPA 8321B	Ibuprofen-d3	65.6	P	30 - 160
EPA 8321B	Primidone-d5	50.9	P	30 - 160
EPA 8321B	Sucralose-d6	106	P	40 - 160

Lab Sample ID: 2043674

Field Sample ID: G2CE0157

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	75.5	P	30 - 160
EPA 8321B	Acetaminophen-d4	89.0	P	30 - 160
EPA 8321B	Carbamazepine-d10	71.2	P	30 - 160
EPA 8321B	Diuron-d6	81.7	P	30 - 160
EPA 8321B	Endothall-d6	87.7	P	40 - 160
EPA 8321B	Ibuprofen-d3	76.6	P	30 - 160
EPA 8321B	Primidone-d5	54.3	P	30 - 160
EPA 8321B	Sucralose-d6	115	P	40 - 160

Lab Sample ID: 2043675

Field Sample ID: G2CE0077_DUP

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	85.1	P	30 - 160
EPA 8321B	Acetaminophen-d4	101	P	30 - 160
EPA 8321B	Carbamazepine-d10	78.7	P	30 - 160
EPA 8321B	Diuron-d6	78.1	P	30 - 160
EPA 8321B	Endothall-d6	89.0	P	40 - 160
EPA 8321B	Ibuprofen-d3	80.5	P	30 - 160
EPA 8321B	Primidone-d5	101	P	30 - 160
EPA 8321B	Sucralose-d6	126	P	40 - 160

Lab Sample ID: 2043676

Field Sample ID: Field ID_BLANK11262018

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	69.5	P	30 - 160
EPA 8321B	Acetaminophen-d4	110	P	30 - 160
EPA 8321B	Carbamazepine-d10	85.8	P	30 - 160
EPA 8321B	Diuron-d6	78.8	P	30 - 160
EPA 8321B	Endothall-d6	91.7	P	40 - 160
EPA 8321B	Ibuprofen-d3	69.6	P	30 - 160
EPA 8321B	Primidone-d5	61.1	P	30 - 160
EPA 8321B	Sucralose-d6	129	P	40 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A88012

Included Lab Sample IDs: 2043673, 2043674, 2043675, 2043676

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	109	114	P/P	50 - 150
Acetaminophen	115	126	P/P	60 - 160
Bentazon	69.7	129	P/P	50 - 160
Carbamazepine	99.7	121	P/P	60 - 160
Diuron	83.9	90.4	P/P	60 - 150
Fenuron	107	124	P/P	60 - 150
Fluridone	128	137	P/P	60 - 160
Hydrocodone	107	148	P/P	60 - 150
Ibuprofen	85.0	88.9	P/P	50 - 160
Imazapyr	86.3	110	P/P	50 - 150
Imidacloprid	94.8	111	P/P	60 - 160
Linuron	101	101	P/P	60 - 150
MCP	95.0	89.2	P/P	50 - 150
Naproxen	84.4	75.1	P/P	50 - 160
Primidone	87.2	154	P/P	60 - 160
Pyraclostrobin	163*	161*	F/F	60 - 150
Triclopyr	102	73.7	P/P	50 - 160

Reference Method: EPA 8321B

Run ID: A88078

Included Lab Sample IDs: 2043673, 2043675

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Imazapyr	119	107	P/P	50 - 150

Reference Method: EPA 8321B

Run ID: A88079

Included Lab Sample IDs: 2043673, 2043674, 2043675, 2043676

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	89.3	90.8	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A88081

Included Lab Sample IDs: 2043673, 2043674, 2043675, 2043676

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Sucralose	123	116	P/P	60 - 160

* 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	85.1	107	120		11.0
	Acesulfame K	102	99.8	100		0.180
	Acetaminophen	114	130	130		0.135
	Bentazon	72.6	53.3	62.0		15.2
	Carbamazepine	80.4	79.7	81.3		1.96
	Diuron	69.6	61.7	64.9		5.07
	Fenuron	101	81.5	84.7		3.92
	Fluridone	107	105	102		2.98
	Hydrocodone	98.6	84.1	85.3		1.37
	Ibuprofen	78.4	72.3	66.9		7.79
	Imazapyr	77.8				20.5
	Imidacloprid	108	125	128		2.12
	Linuron	76.9	67.2	68.2		1.51
	MCPP	113	134	129		4.01
	Naproxen	91.5	86.6	59.7		36.8
	Primidone	80.0	79.8	131		48.9
	Pyraclostrobin	71.7	54.7	53.1		2.97
	Sucralose	114	114	113		1.25
	Triclopyr	72.1	79.2	78.2		1.20

Reference Method Descriptions

Method / DoH Cert

EPA 8321B / E31780

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Associated Samples

2043673, 2043674, 2043675, 2043676

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8321B	11/27/2018	11/27/2018 14:00	Hoor Shaik	11/29/2018 09:48	Juyoung Kim	2043673
	11/27/2018	11/27/2018 14:00	Hoor Shaik	11/29/2018 10:05	Juyoung Kim	2043674
	11/27/2018	11/27/2018 14:00	Hoor Shaik	11/29/2018 10:21	Juyoung Kim	2043675
	11/27/2018	11/27/2018 14:00	Hoor Shaik	11/29/2018 10:38	Juyoung Kim	2043676
	11/27/2018	11/27/2018 14:00	Hoor Shaik	12/01/2018 06:17	Juyoung Kim	2043673
	11/27/2018	11/27/2018 14:00	Hoor Shaik	12/01/2018 06:51	Juyoung Kim	2043675
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/29/2018 15:15	Rebecca Ware	2043673
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/29/2018 15:29	Rebecca Ware	2043674
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/29/2018 15:43	Rebecca Ware	2043675
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/29/2018 15:57	Rebecca Ware	2043676
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/30/2018 12:15	Rebecca Ware	2043673
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/30/2018 12:29	Rebecca Ware	2043674
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/30/2018 12:43	Rebecca Ware	2043675
	11/27/2018	11/29/2018 11:00	Rebecca Ware	11/30/2018 12:57	Rebecca Ware	2043676