

Chemical Analysis Report

SO-DIST-2021-08-10-01

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

Event Description: **2021 SMP : Collier County**

Request ID: **RQ-2021-08-02-81**

Customer: **SO-DIST**

Project ID: **SMP**

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Certified by: Dr. rer. nat. Bettina Steinbock, Environmental Administrator

Date Certified: 23-AUG-2021 16:59



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: NNAPLES

Collection Date/Time: 08/09/2021 10:25

Field ID: AF65839

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2268315	EPA 8321B	2,4-D	0.061		ug/L	P402303	
		Acesulfame K	0.10	U	ug/L	P402154	
		2,4,5-T	0.0040	U	ug/L	P402303	
		AMPA	4.1		ug/L	P402154	MS
		Acetaminophen	0.042		ug/L	P402303	
		Acetamiprid	0.0020	U	ug/L	P402303	
		Endothall	0.25	U	ug/L	P402154	
		Glufosinate	0.10	U	ug/L	P402154	
		Glyphosate	6.4		ug/L	P402154	
		Afidopyropen	0.0020	U	ug/L	P402303	
		Bentazon	0.14		ug/L	P402303	
		Sucralose	1.7		ug/L	P402154	
		Benzovindiflupyr	0.0020	U	ug/L	P402303	
		Carbamazepine	0.0019	I	ug/L	P402303	
		Clothianidin	0.018		ug/L	P402303	
		Dinotefuran	0.0064	I	ug/L	P402303	
		Diuron	0.0020	U	ug/L	P402303	
		Fenuron	0.016	U	ug/L	P402303	
		Fluridone	0.26		ug/L	P402303	
		Imazapyr	0.17		ug/L	P402303	
		Hydrocodone	0.0020	U	ug/L	P402303	
		Ibuprofen	0.020	U	ug/L	P402303	
		Imidacloprid	0.19		ug/L	P402303	
		Linuron	0.0040	U	ug/L	P402303	
		Mandestrobin	0.0020	U	ug/L	P402303	
		MCPP	0.0022	I	ug/L	P402303	
		Naproxen	0.0080	U	ug/L	P402303	
		Primidone	0.016		ug/L	P402303	
		Pyraclostrobin	0.0020	U	ug/L	P402303	
		Thiamethoxam	0.0078	I	ug/L	P402303	
		Tolfenpyrad	0.0020	U	ug/L	P402303	
		Triclopyr	0.0040	U	ug/L	P402303	

Sample Location: WCOCORIV

Collection Date/Time: 08/09/2021 10:51

Field ID: AF65840

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2268316	EPA 8321B	2,4-D	0.020		ug/L	P402303	
		Acesulfame K	0.12	I	ug/L	P402154	
		2,4,5-T	0.0040	U	ug/L	P402303	
		AMPA	0.45		ug/L	P402154	MS
		Acetaminophen	0.0080	U	ug/L	P402303	
		Acetamiprid	0.0020	U	ug/L	P402303	
		Endothall	0.25	U	ug/L	P402154	
		Glufosinate	0.10	U	ug/L	P402154	
		Glyphosate	0.79		ug/L	P402154	
		Afidopyropen	0.0020	U	ug/L	P402303	
		Bentazon	0.23		ug/L	P402303	
		Sucralose	4.0		ug/L	P402154	
		Benzovindiflupyr	0.0020	U	ug/L	P402303	
		Carbamazepine	0.010		ug/L	P402303	
		Clothianidin	0.010		ug/L	P402303	
		Dinotefuran	0.0042	I	ug/L	P402303	
		Diuron	0.0020	U	ug/L	P402303	
		Fenuron	0.016	U	ug/L	P402303	
		Fluridone	0.016		ug/L	P402303	
		Imazapyr	0.067		ug/L	P402303	
		Hydrocodone	0.0020	U	ug/L	P402303	
		Ibuprofen	0.020	U	ug/L	P402303	
		Imidacloprid	0.031		ug/L	P402303	
		Linuron	0.0040	U	ug/L	P402303	
		Mandestrobin	0.0020	U	ug/L	P402303	
		MCPP	0.0043	I	ug/L	P402303	
		Naproxen	0.0080	U	ug/L	P402303	
		Primidone	0.030		ug/L	P402303	
		Pyraclostrobin	0.0020	U	ug/L	P402303	
		Thiamethoxam	0.0053	I	ug/L	P402303	
		Tolfenpyrad	0.0020	U	ug/L	P402303	
		Triclopyr	0.0040	U	ug/L	P402303	

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8321B

Batch ID: P402154

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: P402303

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	0.016	U	ug/L
Fluridone	8.0E-04	U	ug/L
Hydrocodone	0.0020	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
Mandestrobin	0.0020	U	ug/L
MCPP	0.0020	U	ug/L
Naproxen	0.0080	U	ug/L
Primidone	0.0040	U	ug/L
Pyraclostrobin	0.0020	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: P402154

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	93.4		P	40 - 150
AMPA	97.8		P	40 - 150
Endothall	61.2		P	40 - 150
Glufosinate	96.6		P	40 - 150
Glyphosate	92.9		P	40 - 150
Sucralose	79.5		P	40 - 150

Reference Method: EPA 8321B

Batch ID: P402303

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	135		P	40 - 150
2,4,5-T	111		P	40 - 150
Acetaminophen	100		P	30 - 150
Acetamiprid	93.7		P	40 - 150
Afidopyropen	75.0		P	40 - 150
Bentazon	113		P	30 - 150
Benzovindiflupyr	94.7		P	40 - 150
Carbamazepine	103		P	40 - 150
Clothianidin	107		P	40 - 150
Dinotefuran	104		P	40 - 150
Diuron	94.0		P	40 - 150
Fenuron	104		P	40 - 150
Fluridone	95.3		P	40 - 150
Hydrocodone	98.6		P	40 - 150
Ibuprofen	84.8		P	40 - 150
Imazapyr	108		P	40 - 150
Imidacloprid	100		P	40 - 150
Linuron	83.4		P	40 - 150
Mandestrobin	100		P	40 - 150
MCPP	117		P	40 - 150
Naproxen	89.9		P	40 - 150
Primidone	103		P	40 - 150
Pyraclostrobin	92.6		P	40 - 150
Thiamethoxam	105		P	40 - 150
Tolfenpyrad	60.2		P	30 - 150
Triclopyr	114		P	40 - 150

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B
 Batch ID: P402154

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2267970	Acesulfame K	67.0	62.6	P/P	40 - 150
2267970	AMPA	19.7	20.6	F/F	40 - 150
2267970	Endothall	85.8	86.1	P/P	40 - 150
2267970	Glufosinate	84.5	79.1	P/P	40 - 150
2267970	Glyphosate	50.8	50.5	P/P	40 - 150
2267970	Sucralose	86.9	86.7	P/P	40 - 150

Reference Method: EPA 8321B
 Batch ID: P402303

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2268133	2,4-D	114	104	P/P	40 - 150
2268133	2,4,5-T	99.4	107	P/P	40 - 150
2268133	Acetaminophen	88.2	82.1	P/P	30 - 150
2268133	Acetamiprid	81.9	68.5	P/P	40 - 150
2268133	Afidopyropen	63.4	55.2	P/P	40 - 150
2268133	Bentazon	91.2	94.7	P/P	30 - 150
2268133	Benzovindiflupyr	86.6	87.0	P/P	40 - 150
2268133	Carbamazepine	89.0	91.5	P/P	40 - 150
2268133	Clothianidin	98.6	93.2	P/P	40 - 150
2268133	Dinotefuran	94.9	91.2	P/P	40 - 150
2268133	Diuron	81.0	84.9	P/P	40 - 150
2268133	Fenuron	92.9	86.6	P/P	40 - 150
2268133	Fluridone	84.9	91.7	P/P	40 - 150
2268133	Hydrocodone	86.0	89.8	P/P	40 - 150
2268133	Ibuprofen	77.5	82.1	P/P	40 - 150
2268133	Imazapyr	104	99.5	P/P	40 - 150
2268133	Imidacloprid	99.4	97.8	P/P	40 - 150
2268133	Linuron	75.9	80.5	P/P	40 - 150
2268133	Mandestrobin	87.2	82.5	P/P	40 - 150
2268133	MCP	110	117	P/P	40 - 150
2268133	Naproxen	84.1	85.6	P/P	40 - 150
2268133	Primidone	89.5	93.5	P/P	40 - 150
2268133	Pyraclostrobin	83.6	82.3	P/P	40 - 150
2268133	Thiamethoxam	99.6	95.0	P/P	40 - 150
2268133	Tolfenpyrad	54.7	57.3	P/P	30 - 150
2268133	Triclopyr	101	106	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: EPA 8321B
Batch ID: P402154

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2267970	Acesulfame K	6.76	Spike	P	0 - 30
2267970	AMPA	4.69	Spike	P	0 - 30
2267970	Endothall	0.270	Spike	P	0 - 30
2267970	Glufosinate	6.54	Spike	P	0 - 30
2267970	Glyphosate	0.439	Spike	P	0 - 30
2267970	Sucralose	0.312	Spike	P	0 - 30

Reference Method: EPA 8321B
Batch ID: P402303

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2268133	2,4-D	8.89	Spike	P	0 - 30
2268133	2,4,5-T	7.50	Spike	P	0 - 30
2268133	Acetaminophen	7.25	Spike	P	0 - 30
2268133	Acetamiprid	17.8	Spike	P	0 - 30
2268133	Afidopyropen	13.9	Spike	P	0 - 30
2268133	Bentazon	3.76	Spike	P	0 - 30
2268133	Benzovindiflupyr	0.421	Spike	P	0 - 30
2268133	Carbamazepine	2.79	Spike	P	0 - 30
2268133	Clothianidin	5.57	Spike	P	0 - 30
2268133	Dinotefuran	4.03	Spike	P	0 - 30
2268133	Diuron	4.75	Spike	P	0 - 30
2268133	Fenuron	7.02	Spike	P	0 - 30
2268133	Fluridone	7.75	Spike	P	0 - 30
2268133	Hydrocodone	4.39	Spike	P	0 - 30
2268133	Ibuprofen	5.73	Spike	P	0 - 30
2268133	Imazapyr	4.86	Spike	P	0 - 30
2268133	Imidacloprid	1.64	Spike	P	0 - 30
2268133	Linuron	5.91	Spike	P	0 - 30
2268133	Mandestrobin	5.57	Spike	P	0 - 30
2268133	MCPP	6.04	Spike	P	0 - 30
2268133	Naproxen	1.76	Spike	P	0 - 30
2268133	Primidone	4.37	Spike	P	0 - 30
2268133	Pyraclostrobin	1.48	Spike	P	0 - 30
2268133	Thiamethoxam	4.70	Spike	P	0 - 30
2268133	Tolfenpyrad	4.62	Spike	P	0 - 30
2268133	Triclopyr	4.93	Spike	P	0 - 30

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

Quality Assurance Report Surrogates

Lab Sample ID: 2268315

Field Sample ID: AF65839

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	116	P	30 - 160
EPA 8321B	Acetaminophen-d4	96.4	P	30 - 160
EPA 8321B	Carbamazepine-d10	93.0	P	30 - 160
EPA 8321B	Diuron-d6	72.9	P	30 - 160
EPA 8321B	Endothall-d6	118	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	62.5	P	30 - 160
EPA 8321B	Ibuprofen-d3	74.9	P	30 - 160
EPA 8321B	Primidone-d5	99.9	P	30 - 160
EPA 8321B	Sucralose-d6	99.1	P	30 - 160

Lab Sample ID: 2268316

Field Sample ID: AF65840

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	116	P	30 - 160
EPA 8321B	Acetaminophen-d4	101	P	30 - 160
EPA 8321B	Carbamazepine-d10	97.6	P	30 - 160
EPA 8321B	Diuron-d6	80.8	P	30 - 160
EPA 8321B	Endothall-d6	92.1	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	63.0	P	30 - 160
EPA 8321B	Ibuprofen-d3	81.4	P	30 - 160
EPA 8321B	Primidone-d5	97.5	P	30 - 160
EPA 8321B	Sucralose-d6	98.5	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A107165

Included Lab Sample IDs: 2268315, 2268316

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	68.5	82.6	P/P	60 - 160
Endothall	62.1	61.5	P/P	60 - 160
Sucralose	80.7	84.7	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A107167

Included Lab Sample IDs: 2268315, 2268316

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
AMPA	102	101	P/P	60 - 160
Glufosinate	97.9	99.0	P/P	60 - 160
Glyphosate	95.4	96.0	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A107269

Included Lab Sample IDs: 2268315, 2268316

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	98.7	96.1	P/P	50 - 150
2,4,5-T	98.3	96.9	P/P	50 - 150
Acetaminophen	107	97.3	P/P	60 - 160
Acetamiprid	102	98.5	P/P	50 - 150
Afidopyropen	94.7	92.7	P/P	50 - 150
Bentazon	100	105	P/P	50 - 160
Benzovindiflupyr	101	95.5	P/P	50 - 150
Carbamazepine	98.8	101	P/P	60 - 150
Clothianidin	107	101	P/P	60 - 150
Dinotefuran	108	98.2	P/P	50 - 150
Diuron	108	109	P/P	60 - 160
Fenuron	104	96.8	P/P	60 - 150
Fluridone	97.5	97.1	P/P	60 - 160
Fluridone	98.4	103	P/P	60 - 160
Hydrocodone	103	106	P/P	60 - 150
Ibuprofen	90.9	91.7	P/P	50 - 160
Imazapyr	108	94.3	P/P	50 - 150
Imidacloprid	95.9	94.6	P/P	60 - 150
Linuron	101	95.4	P/P	60 - 150
Mandestrobin	102	95.0	P/P	50 - 150
MCPP	95.2	99.8	P/P	50 - 150
Naproxen	90.3	85.0	P/P	50 - 160
Primidone	105	104	P/P	60 - 150
Pyraclostrobin	103	96.5	P/P	60 - 150
Thiamethoxam	106	102	P/P	50 - 150
Tolfenpyrad	97.8	93.3	P/P	60 - 150
Triclopyr	97.0	94.6	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	135	104	114		8.89
	2,4,5-T	111	107	99.4		7.50
	Acesulfame K	93.4	67.0	62.6		6.76
	Acetaminophen	100	82.1	88.2		7.25
	Acetamiprid	93.7	68.5	81.9		17.8
	Afidopyropen	75.0	55.2	63.4		13.9
	AMPA	97.8	19.7	20.6		4.69
	Bentazon	113	94.7	91.2		3.76
	Benzovindiflupyr	94.7	87.0	86.6		0.421
	Carbamazepine	103	91.5	89.0		2.79
	Clothianidin	107	93.2	98.6		5.57
	Dinotefuran	104	91.2	94.9		4.03
	Diuron	94.0	84.9	81.0		4.75
	Endothall	61.2	85.8	86.1		0.270
	Fenuron	104	86.6	92.9		7.02
	Fluridone	95.3	91.7	84.9		7.75
	Glufosinate	96.6	84.5	79.1		6.54
	Glyphosate	92.9	50.8	50.5		0.439
	Hydrocodone	98.6	89.8	86.0		4.39
	Ibuprofen	84.8	82.1	77.5		5.73
	Imazapyr	108	99.5	104		4.86
	Imidacloprid	100	97.8	99.4		1.64
	Linuron	83.4	80.5	75.9		5.91
	Mandestrobin	100	82.5	87.2		5.57
	MCPP	117	117	110		6.04
	Naproxen	89.9	85.6	84.1		1.76
	Primidone	103	93.5	89.5		4.37
	Pyraclostrobin	92.6	82.3	83.6		1.48
	Sucralose	79.5	86.9	86.7		0.312
	Thiamethoxam	105	95.0	99.6		4.70
	Tolfenpyrad	60.2	57.3	54.7		4.62
	Triclopyr	114	106	101		4.93

Reference Method Descriptions

Method	Description	Associated Samples
EPA 8321B	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	2268315, 2268316

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8321B	08/10/2021	08/10/2021 12:00	Juyoung Kim	08/10/2021 17:38	Pramila Ghimire	2268315
	08/10/2021	08/10/2021 12:00	Juyoung Kim	08/10/2021 17:52	Pramila Ghimire	2268316
	08/10/2021	08/10/2021 12:00	Juyoung Kim	08/10/2021 21:25	Juyoung Kim	2268315
	08/10/2021	08/10/2021 12:00	Juyoung Kim	08/10/2021 21:35	Juyoung Kim	2268316
	08/10/2021	08/13/2021 09:00	Hoor Shaik	08/14/2021 07:56	Juyoung Kim	2268315
	08/10/2021	08/13/2021 09:00	Hoor Shaik	08/14/2021 08:31	Juyoung Kim	2268316
	08/10/2021	08/13/2021 09:00	Hoor Shaik	08/16/2021 11:23	Juyoung Kim	2268315
	08/10/2021	08/13/2021 09:00	Hoor Shaik	08/16/2021 11:58	Juyoung Kim	2268316