

Chemical Analysis Report

NW-DIST-2021-12-07-01

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

Event Description: **Alaqua Whaler Run**
Request ID: **RQ-2021-12-06-46**
Customer: **NW-DIST**
Project ID: **SMP**

Send Reports to:
FL Dept. of Environmental Protection
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Myranda K Butler

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Certified by: Liang Lin, Environmental Administrator

Date Certified: 17-DEC-2021 15:54

A handwritten signature in black ink, appearing to read "Liang Lin", is shown on a light-colored 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: Shaw Still Branch upstream E College Blvd

Collection Date/Time: 12/06/2021 12:40

Field ID: G3NW0162

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2293470	EPA 8321B	2,4-D	0.0020	U	ug/L	P407196	
		Acesulfame K	0.10	U	ug/L	P406989	
		2,4,5-T	0.0040	U	ug/L	P407196	
		AMPA	0.10	U	ug/L	P406989	
		Acetaminophen	0.013	I	ug/L	P407196	
		Acetamiprid	0.0020	U	ug/L	P407196	
		Endothall	0.25	U	ug/L	P406989	
		Glufosinate	0.10	U	ug/L	P406989	
		Glyphosate	0.10	U	ug/L	P406989	
		Afidopyropen	0.0020	U	ug/L	P407196	
		Bentazon	8.0E-04	U	ug/L	P407196	
		Sucralose	2.1		ug/L	P406989	
		Benzovindiflupyr	0.0020	U	ug/L	P407196	
		Carbamazepine	8.4E-04	I	ug/L	P407196	
		Clothianidin	0.0020	U	ug/L	P407196	
		Dinotefuran	0.0030	I	ug/L	P407196	
		Diuron	0.0020	U	ug/L	P407196	
		Fenuron	0.016	U	ug/L	P407196	
		Fluridone	8.0E-04	U	ug/L	P407196	
		Imazapyr	0.018		ug/L	P407196	
		Hydrocodone	0.0020	U	ug/L	P407196	
		Ibuprofen	0.020	U	ug/L	P407196	
		Imidacloprid	0.0020	U	ug/L	P407196	
		Linuron	0.0040	U	ug/L	P407196	
		Mandestrobin	0.0020	U	ug/L	P407196	
		MCPP	0.0040	U	ug/L	P407196	
		Naproxen	0.0080	U	ug/L	P407196	RPD
		Primidone	0.0040	U	ug/L	P407196	
		Pyraclostrobin	0.0020	U	ug/L	P407196	
		Silvex	0.0040	U	ug/L	P407196	
		Thiamethoxam	0.0020	U	ug/L	P407196	
		Tolfenpyrad	0.0020	U	ug/L	P407196	
		Triclopyr	0.0040	U	ug/L	P407196	

Sample Location: FB_12062021

Collection Date/Time: 12/06/2021 12:50

Field ID: FB_12062021

Matrix: W-FIELD-BK

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2293471	EPA 8321B	2,4-D	0.0020	U	ug/L	P407196	
		Acesulfame K	0.10	U	ug/L	P406989	
		2,4,5-T	0.0040	U	ug/L	P407196	
		AMPA	0.10	U	ug/L	P406989	
		Acetaminophen	0.0080	U	ug/L	P407196	
		Acetamiprid	0.0020	U	ug/L	P407196	
		Endothall	0.25	U	ug/L	P406989	
		Glufosinate	0.10	U	ug/L	P406989	
		Glyphosate	0.10	U	ug/L	P406989	
		Afidopyropen	0.0020	U	ug/L	P407196	
		Bentazon	8.0E-04	U	ug/L	P407196	
		Sucralose	0.010	U	ug/L	P406989	
		Benzovindiflupyr	0.0020	U	ug/L	P407196	
		Carbamazepine	8.0E-04	U	ug/L	P407196	
		Clothianidin	0.0020	U	ug/L	P407196	
		Dinotefuran	0.0020	U	ug/L	P407196	
		Diuron	0.0020	U	ug/L	P407196	
		Fenuron	0.016	U	ug/L	P407196	
		Fluridone	8.0E-04	U	ug/L	P407196	
		Imazapyr	0.0040	U	ug/L	P407196	
		Hydrocodone	0.0020	U	ug/L	P407196	
		Ibuprofen	0.020	U	ug/L	P407196	
		Imidacloprid	0.0020	U	ug/L	P407196	
		Linuron	0.0040	U	ug/L	P407196	
		Mandestrobin	0.0020	U	ug/L	P407196	
		MCPP	0.0040	U	ug/L	P407196	
		Naproxen	0.0080	U	ug/L	P407196	RPD
		Primidone	0.0040	U	ug/L	P407196	
		Pyraclostrobin	0.0020	U	ug/L	P407196	
		Silvex	0.0040	U	ug/L	P407196	
		Thiamethoxam	0.0020	U	ug/L	P407196	
		Tolfenpyrad	0.0020	U	ug/L	P407196	
		Triclopyr	0.0040	U	ug/L	P407196	

Quality Assurance Report Method Blank Results

Reference Method: EPA 8321B

Batch ID: P406989

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: P407196

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	0.0040	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: P406989

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acesulfame K	68.7		P	40 - 150
AMPA	92.7		P	40 - 160
Endothall	77.6		P	40 - 150
Glufosinate	95.5		P	40 - 160
Glyphosate	94.3		P	40 - 160
Sucralose	75.4		P	40 - 150

Reference Method: EPA 8321B
Batch ID: P407196

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2,4-D	112		P	40 - 150
2,4,5-T	125		P	40 - 150
Acetaminophen	87.8		P	30 - 150
Acetamiprid	88.4		P	40 - 150
Afidopyropen	67.1		P	40 - 150
Bentazon	87.3		P	30 - 150
Benzovindiflupyr	75.5		P	40 - 150
Carbamazepine	102		P	40 - 150
Clothianidin	74.4		P	40 - 150
Dinotefuran	85.7		P	40 - 150
Diuron	95.6		P	40 - 150
Fenuron	84.6		P	40 - 150
Fluridone	78.9		P	40 - 150
Hydrocodone	88.6		P	40 - 150
Ibuprofen	56.3		P	40 - 150
Imazapyr	84.7		P	40 - 150
Imidacloprid	90.5		P	40 - 150
Linuron	65.5		P	40 - 150
Mandestrobin	77.0		P	40 - 150
MCPP	101		P	40 - 150
Naproxen	91.1		P	40 - 150
Primidone	93.4		P	40 - 150
Pyraclostrobin	76.9		P	40 - 150
Silvex	85.5		P	40 - 150
Thiamethoxam	90.5		P	40 - 150
Tolfenpyrad	31.9		P	30 - 150
Triclopyr	125		P	40 - 150

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B
 Batch ID: P406989

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2293213	Acesulfame K	62.5	59.3	P/P	40 - 150
2293213	AMPA	92.4	99.1	P/P	40 - 160
2293213	Endothall	103	95.9	P/P	40 - 150
2293213	Glufosinate	93.3	109	P/P	40 - 160
2293213	Glyphosate	89.9	99.9	P/P	40 - 160
2293213	Sucralose	103	87.3	P/P	40 - 150

Reference Method: EPA 8321B
 Batch ID: P407196

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2293213	2,4-D	114	110	P/P	40 - 150
2293213	2,4,5-T	137	124	P/P	40 - 150
2293213	Acetaminophen	89.7	89.3	P/P	30 - 150
2293213	Acetamiprid	87.1	77.2	P/P	40 - 150
2293213	Afidopyropen	77.4	58.6	P/P	40 - 150
2293213	Bentazon	98.2	95.1	P/P	30 - 150
2293213	Benzovindiflupyr	96.3	77.0	P/P	40 - 150
2293213	Carbamazepine	95.0	91.6	P/P	40 - 150
2293213	Clothianidin	89.3	114	P/P	40 - 150
2293213	Dinotefuran	91.8	99.0	P/P	40 - 150
2293213	Diuron	102	76.3	P/P	40 - 150
2293213	Fenuron	97.3	90.8	P/P	40 - 150
2293213	Fluridone	91.5	84.7	P/P	40 - 150
2293213	Hydrocodone	106	97.8	P/P	40 - 150
2293213	Ibuprofen	49.6	52.4	P/P	40 - 150
2293213	Imazapyr	110	99.4	P/P	40 - 150
2293213	Imidacloprid	91.8	99.4	P/P	40 - 150
2293213	Linuron	82.2	86.1	P/P	40 - 150
2293213	Mandestrobin	85.4	69.6	P/P	40 - 150
2293213	MCP	114	99.2	P/P	40 - 150
2293213	Naproxen	109	43.9	P/P	40 - 150
2293213	Primidone	127	94.9	P/P	40 - 150
2293213	Pyraclostrobin	94.0	90.1	P/P	40 - 150
2293213	Silvex	103	99.4	P/P	40 - 150
2293213	Thiamethoxam	97.3	93.1	P/P	40 - 150
2293213	Tolfenpyrad	56.9	42.8	P/P	30 - 150
2293213	Triclopyr	137	104	P/P	40 - 150

Quality Assurance Report Precision

Reference Method: EPA 8321B
Batch ID: P406989

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2293213	Acesulfame K	5.37	Spike	P	0 - 30
2293213	AMPA	6.94	Spike	P	0 - 30
2293213	Endothall	6.63	Spike	P	0 - 30
2293213	Glufosinate	15.9	Spike	P	0 - 30
2293213	Glyphosate	10.5	Spike	P	0 - 30
2293213	Sucralose	16.6	Spike	P	0 - 30

Reference Method: EPA 8321B
Batch ID: P407196

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2293213	2,4-D	3.45	Spike	P	0 - 30
2293213	2,4,5-T	9.86	Spike	P	0 - 30
2293213	Acetaminophen	0.416	Spike	P	0 - 30
2293213	Acetamiprid	12.0	Spike	P	0 - 30
2293213	Afidopyropen	27.6	Spike	P	0 - 30
2293213	Bentazon	2.64	Spike	P	0 - 30
2293213	Benzovindiflupyr	22.3	Spike	P	0 - 30
2293213	Carbamazepine	3.68	Spike	P	0 - 30
2293213	Clothianidin	24.0	Spike	P	0 - 30
2293213	Dinotefuran	7.25	Spike	P	0 - 30
2293213	Diuron	28.6	Spike	P	0 - 30
2293213	Fenuron	6.95	Spike	P	0 - 30
2293213	Fluridone	7.67	Spike	P	0 - 30
2293213	Hydrocodone	8.36	Spike	P	0 - 30
2293213	Ibuprofen	5.52	Spike	P	0 - 30
2293213	Imazapyr	9.60	Spike	P	0 - 30
2293213	Imidacloprid	7.89	Spike	P	0 - 30
2293213	Linuron	4.58	Spike	P	0 - 30
2293213	Mandestrobin	20.4	Spike	P	0 - 30
2293213	MCPP	14.2	Spike	P	0 - 30
2293213	Naproxen	85.2	Spike	F	0 - 30
2293213	Primidone	29.2	Spike	P	0 - 30
2293213	Pyraclostrobin	4.17	Spike	P	0 - 30
2293213	Silvex	3.25	Spike	P	0 - 30
2293213	Thiamethoxam	4.46	Spike	P	0 - 30
2293213	Tolfenpyrad	28.2	Spike	P	0 - 30
2293213	Triclopyr	27.6	Spike	P	0 - 30

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

Quality Assurance Report Surrogates

Lab Sample ID: 2293470

Field Sample ID: G3NW0162

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	87.0	P	30 - 160
EPA 8321B	Acetaminophen-d4	83.4	P	30 - 160
EPA 8321B	Carbamazepine-d10	106	P	30 - 160
EPA 8321B	Diuron-d6	80.1	P	30 - 160
EPA 8321B	Endothall-d6	94.5	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	111	P	30 - 160
EPA 8321B	Ibuprofen-d3	78.5	P	30 - 160
EPA 8321B	Primidone-d5	117	P	30 - 160
EPA 8321B	Sucralose-d6	125	P	30 - 160

Lab Sample ID: 2293471

Field Sample ID: FB_12062021

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	2,4-D-d3	68.1	P	30 - 160
EPA 8321B	Acetaminophen-d4	75.5	P	30 - 160
EPA 8321B	Carbamazepine-d10	100	P	30 - 160
EPA 8321B	Diuron-d6	59.9	P	30 - 160
EPA 8321B	Endothall-d6	93.2	P	30 - 160
EPA 8321B	Glyphosate 13C 15N	107	P	30 - 160
EPA 8321B	Ibuprofen-d3	84.7	P	30 - 160
EPA 8321B	Primidone-d5	65.4	P	30 - 160
EPA 8321B	Sucralose-d6	117	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A109287

Included Lab Sample IDs: 2293470, 2293471

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acesulfame K	91.2	91.5	P/P	60 - 160
Endothall	79.8	94.2	P/P	60 - 160
Sucralose	84.4	96.0	P/P	60 - 160

Reference Method: EPA 8321B

Run ID: A109365

Included Lab Sample IDs: 2293470, 2293471

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-D	79.3	93.0	P/P	50 - 150
2,4,5-T	90.1	117	P/P	50 - 150
Acetaminophen	103	109	P/P	60 - 160
Acetamiprid	106	106	P/P	50 - 150
Afidopyropen	94.6	106	P/P	50 - 150
Bentazon	102	117	P/P	50 - 160
Benzovindiflupyr	99.1	87.7	P/P	50 - 150
Carbamazepine	106	101	P/P	60 - 150
Clothianidin	94.7	98.6	P/P	60 - 150
Dinotefuran	100	102	P/P	50 - 150
Diuron	116	129	P/P	60 - 160
Fenuron	96.9	97.8	P/P	60 - 150
Fluridone	94.4	100	P/P	60 - 160
Hydrocodone	103	91.3	P/P	60 - 150
Ibuprofen	135	95.8	P/P	50 - 160
Imazapyr	87.2	117	P/P	50 - 150
Imidacloprid	93.3	84.4	P/P	60 - 150
Linuron	89.4	141	P/P	60 - 150
Mandestrobin	98.2	96.1	P/P	50 - 150
MCPP	79.6	97.6	P/P	50 - 150
Naproxen	72.8	75.3	P/P	50 - 160
Primidone	92.9	123	P/P	60 - 150
Pyraclostrobin	128	109	P/P	60 - 150
Silvex	104	101	P/P	50 - 150
Thiamethoxam	98.7	96.3	P/P	50 - 150
Tolfenpyrad	86.6	99.0	P/P	60 - 150
Triclopyr	91.9	90.3	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	112	114	110		3.45
	2,4,5-T	125	137	124		9.86
	Acesulfame K	68.7	62.5	59.3		5.37
	Acetaminophen	87.8	89.7	89.3		0.416
	Acetamiprid	88.4	87.1	77.2		12.0
	Afidopyropen	67.1	77.4	58.6		27.6
	AMPA	92.7	92.4	99.1		6.94
	Bentazon	87.3	98.2	95.1		2.64
	Benzovindiflupyr	75.5	96.3	77.0		22.3
	Carbamazepine	102	95.0	91.6		3.68
	Clothianidin	74.4	89.3	114		24.0
	Dinotefuran	85.7	91.8	99.0		7.25
	Diuron	95.6	102	76.3		28.6
	Endothall	77.6	103	95.9		6.63
	Fenuron	84.6	97.3	90.8		6.95
	Fluridone	78.9	91.5	84.7		7.67
	Glufosinate	95.5	93.3	109		15.9
	Glyphosate	94.3	89.9	99.9		10.5
	Hydrocodone	88.6	106	97.8		8.36
	Ibuprofen	56.3	49.6	52.4		5.52
	Imazapyr	84.7	110	99.4		9.60
	Imidacloprid	90.5	91.8	99.4		7.89
	Linuron	65.5	82.2	86.1		4.58
	Mandestrobin	77.0	85.4	69.6		20.4
	MCPP	101	114	99.2		14.2
	Naproxen	91.1	109	43.9		85.2
	Primidone	93.4	127	94.9		29.2
	Pyraclostrobin	76.9	94.0	90.1		4.17
	Silvex	85.5	103	99.4		3.25
	Sucralose	75.4	103	87.3		16.6
	Thiamethoxam	90.5	97.3	93.1		4.46
	Tolfenpyrad	31.9	56.9	42.8		28.2
	Triclopyr	125	137	104		27.6

Reference Method Descriptions

Method	Description	Associated Samples
EPA 8321B	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	2293470, 2293471

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8321B	12/07/2021	12/08/2021 10:40	Juyoung Kim	12/08/2021 12:25	Juyoung Kim	2293470
	12/07/2021	12/08/2021 10:40	Juyoung Kim	12/08/2021 12:36	Juyoung Kim	2293471
	12/07/2021	12/08/2021 10:40	Juyoung Kim	12/08/2021 22:40	Manjita Shrestha	2293470
	12/07/2021	12/08/2021 10:40	Juyoung Kim	12/08/2021 22:54	Manjita Shrestha	2293471
	12/07/2021	12/13/2021 09:00	Hoor Shaik	12/14/2021 09:26	Juyoung Kim	2293470
	12/07/2021	12/13/2021 09:00	Hoor Shaik	12/14/2021 10:00	Juyoung Kim	2293471