



SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	06/13/25 09:30
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/13/25
Client Sample ID:	WC	SDG No.:	Q2320
Lab Sample ID:	Q2320-01	Matrix:	SOIL
		% Solid:	88.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.80	H	1	0	0	pH		06/17/25 15:50	9045D
Ignitability	NO		1	0	0	oC		06/16/25 12:22	1030
Reactive Cyanide	0.014	J	1	0.0083	0.049	mg/Kg	06/16/25 08:30	06/16/25 12:22	9012B
Reactive Sulfide	3.16	J	1	0.20	10.0	mg/Kg	06/16/25 08:30	06/16/25 13:40	9034

Comments: pH result reported at temperature 20.9 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: First Environment, Inc.

SDG No.: Q2320

Project: EDGEW001 – Veterans Field Edgewater, NJ

RunNo.: LB136162

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.094	0.099	95	85–115	06/16/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.23	0.25	92	90–110	06/16/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.23	0.25	92	90–110	06/16/2025

Initial and Continuing Calibration Verification

Client: First Environment, Inc.

SDG No.: Q2320

Project: EDGEW001 – Veterans Field Edgewater, NJ

RunNo.: LB136178

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.00	7	100	90-110	06/17/2025
Sample ID: Corrosivity	CCV1	pH	2.02	2.00	101	90-110	06/17/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	06/17/2025
Sample ID: Corrosivity	CCV3	pH	2.02	2.00	101	90-110	06/17/2025

Initial and Continuing Calibration Blank Summary

Client: First Environment, Inc.

SDG No.: Q2320

Project: EDGEW001 – Veterans Field Edgewater, NJ

RunNo.: LB136162

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	06/16/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	06/16/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	06/16/2025

Preparation Blank Summary

Client: First Environment, Inc.

SDG No.: Q2320

Project: EDGEW001 – Veterans Field Edgewater, NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168487BL							
Reactive Cyanide	mg/Kg	0.013	0.0250	J	0.0083	0.05	06/16/2025
Sample ID: PB168488BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	06/16/2025

Duplicate Sample Summary

Client: First Environment, Inc.	SDG No.: Q2320
Project: EDGEW001 – Veterans Field Edgewater, NJ	Sample ID: Q2301-03
Client ID: WC-URBAN-FILL-CDUP	Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		06/16/2025
Reactive Cyanide	mg/Kg	+/-20	0.013	J	0.012	J	1	8		06/16/2025
Reactive Sulfide	mg/Kg	+/-20	4.77	J	4.79	J	1	0.42		06/16/2025

Duplicate Sample Summary

Client:	First Environment, Inc.	SDG No.:	Q2320
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Sample ID:	Q2347-04
Client ID:	MH-9DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Corrosivity	pH	+/-20	7.40		7.41		1	0.14		06/17/2025

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB136161

Review By	Eman	Review On	6/16/2025 1:49:13 PM
Supervise By	Iwona	Supervise On	6/16/2025 1:50:22 PM
SubDirectory	LB136161	Test	Ignitability
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 10:45		Eman	OK
2	Q2301-03DUP	WC-URBAN-FILL-CD	DUP	06/16/25 10:52		Eman	OK
3	Q2307-01	LINDEN-SAA	SAM	06/16/25 11:00		Eman	OK
4	Q2310-01	TP-7	SAM	06/16/25 11:07		Eman	OK
5	Q2310-04	TP-7	SAM	06/16/25 11:14		Eman	OK
6	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 11:22		Eman	OK
7	Q2311-04	TP03-MH2MH3-WC	SAM	06/16/25 11:30		Eman	OK
8	Q2311-05	TP04-MH2MH3-WC	SAM	06/16/25 11:37		Eman	OK
9	Q2311-08	TP04-MH2MH3-WC	SAM	06/16/25 11:45		Eman	OK
10	Q2312-01	TP-1	SAM	06/16/25 11:52		Eman	OK
11	Q2312-04	TP-1	SAM	06/16/25 12:00		Eman	OK
12	Q2319-01	MH-B	SAM	06/16/25 12:07		Eman	OK
13	Q2319-04	MH-B	SAM	06/16/25 12:15		Eman	OK
14	Q2320-01	WC	SAM	06/16/25 12:22		Eman	OK
15	Q2325-01	TP-8	SAM	06/16/25 12:30		Eman	OK
16	Q2325-04	TP-8	SAM	06/16/25 12:37		Eman	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136162

Review By	Iwona	Review On	6/17/2025 10:27:14 AM
Supervise By	Sohil	Supervise On	6/17/2025 10:35:41 AM
SubDirectory	LB136162	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113536,WP113537,WP113538,WP113540,WP113541,WP113542,WP113543		
ICV Standard	WP113544		
CCV Standard	WP113538		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP112643,WP112900,WP113548		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/16/25 11:42		Iwona	OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/16/25 11:42		Iwona	OK
3	10PPBCN	10PPBCN	CAL3	06/16/25 11:42		Iwona	OK
4	50PPBCN	50PPBCN	CAL4	06/16/25 11:42		Iwona	OK
5	100PPBCN	100PPBCN	CAL5	06/16/25 11:42		Iwona	OK
6	250PPBCN	250PPBCN	CAL6	06/16/25 11:42		Iwona	OK
7	500PPBCN	500PPBCN	CAL7	06/16/25 11:42		Iwona	OK
8	ICV1	ICV1	ICV	06/16/25 12:14		Iwona	OK
9	ICB1	ICB1	ICB	06/16/25 12:14		Iwona	OK
10	CCV1	CCV1	CCV	06/16/25 12:14		Iwona	OK
11	CCB1	CCB1	CCB	06/16/25 12:14		Iwona	OK
12	PB168487BL	PB168487BL	MB	06/16/25 12:14		Iwona	OK
13	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 12:14		Iwona	OK
14	Q2301-03DUP	WC-URBAN-FILL-CD	DUP	06/16/25 12:21		Iwona	OK
15	Q2310-04	TP-7	SAM	06/16/25 12:21		Iwona	OK
16	Q2311-04	TP03-MH2MH3-WC	SAM	06/16/25 12:21		Iwona	OK
17	Q2311-08	TP04-MH2MH3-WC	SAM	06/16/25 12:21		Iwona	OK
18	Q2312-04	TP-1	SAM	06/16/25 12:22		Iwona	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136162

Review By	Iwona	Review On	6/17/2025 10:27:14 AM
Supervise By	Sohil	Supervise On	6/17/2025 10:35:41 AM
SubDirectory	LB136162	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113536,WP113537,WP113538,WP113540,WP113541,WP113542,WP113543		
ICV Standard	WP113544		
CCV Standard	WP113538		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP112643,WP112900,WP113548		

19	Q2319-04	MH-B	SAM	06/16/25 12:22		Iwona	OK
20	Q2320-01	WC	SAM	06/16/25 12:22		Iwona	OK
21	Q2325-04	TP-8	SAM	06/16/25 12:22		Iwona	OK
22	CCV2	CCV2	CCV	06/16/25 12:22		Iwona	OK
23	CCB2	CCB2	CCB	06/16/25 12:24		Iwona	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB136168

Review By	Iwona	Review On	6/17/2025 10:02:45 AM
Supervise By	jignesh	Supervise On	6/17/2025 10:07:25 AM
SubDirectory	LB136168	Test	Reactive Sulfide
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3105,W3213,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB168488BL	PB168488BL	MB	06/16/25 13:15		Iwona	OK
2	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 13:18		Iwona	OK
3	Q2301-03DUP	WC-URBAN-FILL-CD	DUP	06/16/25 13:21		Iwona	OK
4	Q2310-04	TP-7	SAM	06/16/25 13:25		Iwona	OK
5	Q2311-04	TP03-MH2MH3-WC	SAM	06/16/25 13:28		Iwona	OK
6	Q2311-08	TP04-MH2MH3-WC	SAM	06/16/25 13:31		Iwona	OK
7	Q2312-04	TP-1	SAM	06/16/25 13:34		Iwona	OK
8	Q2319-04	MH-B	SAM	06/16/25 13:37		Iwona	OK
9	Q2320-01	WC	SAM	06/16/25 13:40		Iwona	OK
10	Q2325-04	TP-8	SAM	06/16/25 13:44		Iwona	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136178

Review By	jignesh	Review On	6/18/2025 8:57:10 AM
Supervise By	Iwona	Supervise On	6/18/2025 9:44:38 AM
SubDirectory	LB136178	Test	Corrosivity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3071,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/17/25 15:15		Jignesh	OK
2	CAL2	CAL2	CAL	06/17/25 15:16		Jignesh	OK
3	CAL3	CAL3	CAL	06/17/25 15:16		Jignesh	OK
4	ICV	ICV	ICV	06/17/25 15:19		Jignesh	OK
5	CCV1	CCV1	CCV	06/17/25 15:20		Jignesh	OK
6	Q2311-04	TP03-MH2MH3-WC	SAM	06/17/25 15:30		Jignesh	OK
7	Q2311-08	TP04-MH2MH3-WC	SAM	06/17/25 15:35		Jignesh	OK
8	Q2312-04	TP-1	SAM	06/17/25 15:40		Jignesh	OK
9	Q2319-04	MH-B	SAM	06/17/25 15:44		Jignesh	OK
10	Q2320-01	WC	SAM	06/17/25 15:50		Jignesh	OK
11	Q2325-04	TP-8	SAM	06/17/25 16:00		Jignesh	OK
12	Q2339-04	MH-C	SAM	06/17/25 16:10		Jignesh	OK
13	Q2340-04	TP05-MH17A-WC	SAM	06/17/25 16:11		Jignesh	OK
14	Q2341-04	TP-9	SAM	06/17/25 16:20		Jignesh	OK
15	Q2341-08	EP-3	SAM	06/17/25 16:30		Jignesh	OK
16	CCV2	CCV2	CCV	06/17/25 16:35		Jignesh	OK
17	Q2347-04	TP-10-9	SAM	06/17/25 16:45		Jignesh	OK
18	Q2347-04DUP	TP-10-9	DUP	06/17/25 16:47		Jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136178

Review By	jignesh	Review On	6/18/2025 8:57:10 AM
Supervise By	Iwona	Supervise On	6/18/2025 9:44:38 AM
SubDirectory	LB136178	Test	Corrosivity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3071,W3161,W3200		

19	CCV3	CCV3	CCV	06/17/25 16:50		Jignesh	OK
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A
B
C
D
E
F

LAB CHRONICLE

OrderID:	Q2320	OrderDate:	6/13/2025 12:11:26 PM
Client:	First Environment, Inc.	Project:	EDGEW001 – Veterans Field Edgewater, NJ
Contact:	Ken Cwieka	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2320-01	WC	SOIL			06/13/25 09:30			06/13/25
			Corrosivity	9045D			06/17/25 15:50	
			Ignitability	1030			06/16/25 12:22	
			Reactive Cyanide	9012B		06/16/25	06/16/25 12:22	
			Reactive Sulfide	9034		06/16/25	06/16/25 13:40	

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 06/16/2025 Time : 08:30 Temp : N/A

Matrix : SOIL

End Digest Date: 06/16/2025 Time : 10:00 Temp : N/A

Pipette ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: EM

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP111294
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/16/25 10:15	EM (WC)	12 (JC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB168487BL	PB168487BL	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2301-03DUP	WC-URBAN-FILL-CDUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2301-03	WC-URBAN-FILL-C	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-04	TP-7	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2311-04	TP03-MH2MH3-WC	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2311-08	TP04-MH2MH3-WC	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2312-04	TP-1	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2319-04	MH-B	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2320-01	WC	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2325-04	TP-8	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Start Digest Date: 06/16/2025 Time : 08:30 Temp : N/A

Matrix : SOIL

End Digest Date: 06/16/2025 Time : 10:00 Temp : N/A

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: EM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP113086
FORMALDEHYDE	2.0ML	W2725
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

6/16/25

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB168488BL	PB168488BL	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2301-03DUP	WC-URBAN-FILL-CDUP	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2301-03	WC-URBAN-FILL-C	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-04	TP-7	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2311-04	TP03-MH2MH3-WC	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2311-08	TP04-MH2MH3-WC	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2312-04	TP-1	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2319-04	MH-B	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2320-01	WC	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2325-04	TP-8	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A