

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	



SAMPLE DATA

A

B

C

D

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