

LAB CHRONICLE

OrderID:	Q1915	OrderDate:	4/29/2025 2:29:00 PM
Client:	CDM Smith	Project:	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1915-01	WC-04282025	SOIL			04/28/25 14:15			04/29/25
			Corrosivity	9045D			04/29/25 18:00	
			Ignitability	1030			05/01/25 12:38	
			Reactive Cyanide	9012B		04/30/25	04/30/25 11:54	
			Reactive Sulfide	9034		05/01/25	05/01/25 11:20	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25 14:15
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	WC-04282025	SDG No.:	Q1915
Lab Sample ID:	Q1915-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.41	H	1	0	0	pH		04/29/25 18:00	9045D
Ignitability	NO		1	0	0	oC		05/01/25 12:38	1030
Reactive Cyanide	0.050	U	1	0.0084	0.050	mg/Kg	04/30/25 08:50	04/30/25 11:54	9012B
Reactive Sulfide	1.58	J	1	0.20	10.0	mg/Kg	05/01/25 08:50	05/01/25 11:20	9034

Comments: pH result reported at temperature 22.5 °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: CDM Smith

SDG No.: Q1915

Project: Con Ed UTEN Mount Vernon, NY

RunNo.: LB135607

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	6.99	7	100	90-110	04/29/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	04/29/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	04/29/2025

Initial and Continuing Calibration Verification

Client: CDM Smith

SDG No.: Q1915

Project: Con Ed UTEN Mount Vernon, NY

RunNo.: LB135608

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.092	0.099	93	85-115	04/30/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	04/30/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.23	0.25	92	90-110	04/30/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	04/30/2025

Initial and Continuing Calibration Blank Summary

Client: CDM Smith

SDG No.: Q1915

Project: Con Ed UTEN Mount Vernon, NY

RunNo.: LB135608

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/30/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/30/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/30/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/30/2025

Preparation Blank Summary

Client: CDM Smith

SDG No.: Q1915

Project: Con Ed UTEN Mount Vernon, NY

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB167792BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	04/30/2025
Sample ID: PB167811BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	05/01/2025

Duplicate Sample Summary

Client: CDM Smith Project: Con Ed UTEN Mount Vernon, NY Client ID: MH-GDUP	SDG No.: Q1915 Sample ID: Q1905-04 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
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0083	U	1	0		04/30/2025
Reactive Sulfide	mg/Kg	+/-20	3.16	J	3.16	J	1	0		05/01/2025

Duplicate Sample Summary

Client:	CDM Smith	SDG No.:	Q1915
Project:	Con Ed UTEN Mount Vernon, NY	Sample ID:	Q1912-01
Client ID:	MH-EDUP	Percent Solids for Spike Sample:	92.5

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		05/01/2025

Duplicate Sample Summary

Client:	CDM Smith	SDG No.:	Q1915
Project:	Con Ed UTEN Mount Vernon, NY	Sample ID:	Q1915-01
Client ID:	WC-04282025DUP	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	8.41		8.42		1	0.12		04/29/2025