

LAB CHRONICLE

OrderID:	P5362	OrderDate:	12/20/2024 10:07:00 AM
Client:	PARSONS Main of New York, Inc.	Project:	Con Ed Non-MGP - East River SI 453648
Contact:	Stephen Liberatore	Location:	N21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5362-01	WC-SOIL-20241219	SOIL			12/19/24 14:30			12/19/24
			pH	9045D			12/27/24 14:10	
P5362-02	WC-SOIL-20241219	SOIL			12/19/24 14:30			12/19/24
			Corrosivity	9045D			12/26/24 16:37	
			Ignitability	1030			12/20/24 15:05	
			Reactive Cyanide	9012B		12/23/24	12/23/24 11:51	
			Reactive Sulfide	9034		12/20/24	12/20/24 11:27	



SAMPLE DATA

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24 14:30
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219	SDG No.:	P5362
Lab Sample ID:	P5362-01	Matrix:	SOIL
		% Solid:	92

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	7.60	H	1	0	0	pH		12/27/24 14:10	9045D

Comments: pH result reported at temperature 20.3 °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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24 14:30
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219	SDG No.:	P5362
Lab Sample ID:	P5362-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.60	H	1	0	0	pH		12/26/24 16:37	9045D
Ignitability	NO		1	0	0	oC		12/20/24 15:05	1030
Reactive Cyanide	0.0087	U	1	0.0087	0.050	mg/Kg	12/23/24 08:45	12/23/24 11:51	9012B
Reactive Sulfide	6.31	J	1	0.19	10.0	mg/Kg	12/20/24 08:45	12/20/24 11:27	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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: PARSONS Main of New York, Inc.

SDG No.: P5362

Project: Con Ed Non-MGP - East River SI 453648

RunNo.: LB134062

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.095	0.099	96	85-115	12/23/2024
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	12/23/2024
Sample ID: CCV2 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	12/23/2024

Initial and Continuing Calibration Verification

Client: PARSONS Main of New York, Inc.

SDG No.: P5362

Project: Con Ed Non-MGP - East River SI 453648

RunNo.: LB134092

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Corrosivity		pH	7.01	7	100	90-110	12/26/2024
Sample ID:	CCV1						
Corrosivity		pH	2.01	2.00	101	90-110	12/26/2024
Sample ID:	CCV2						
Corrosivity		pH	12.02	12.00	100	90-110	12/26/2024

Initial and Continuing Calibration Verification

Client: PARSONS Main of New York, Inc.

SDG No.: P5362

Project: Con Ed Non-MGP - East River SI 453648

RunNo.: LB134110

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.00	7	100	90-110	12/27/2024
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	12/27/2024
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	12/27/2024



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Initial and Continuing Calibration Blank Summary

Client: PARSONS Main of New York, Inc.
Project: Con Ed Non-MGP - East River SI 453648

SDG No.: P5362
RunNo.: LB134062

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/23/2024
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/23/2024
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/23/2024

Preparation Blank Summary

Client: PARSONS Main of New York, Inc.

SDG No.: P5362

Project: Con Ed Non-MGP - East River SI 453648

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB165730BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.186	10	12/20/2024
Sample ID: PB165825BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0088	0.05	12/23/2024

Duplicate Sample Summary

Client:	PARSONS Main of New York, Inc.	SDG No.:	P5362
Project:	Con Ed Non-MGP - East River SI 453648	Sample ID:	P5330-04
Client ID:	TP-5DUP	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
Reactive Sulfide	mg/Kg	+/-20	1.58	J	1.58	J	1	0		12/20/2024

Duplicate Sample Summary

Client:	PARSONS Main of New York, Inc.	SDG No.:	P5362
Project:	Con Ed Non-MGP - East River SI 453648	Sample ID:	P5355-01
Client ID:	RBR251688DUP	Percent Solids for Spike Sample:	81.7

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		12/20/2024

Duplicate Sample Summary

Client:	PARSONS Main of New York, Inc.	SDG No.:	P5362
Project:	Con Ed Non-MGP - East River SI 453648	Sample ID:	P5355-02
Client ID:	RBR251688DUP	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
Reactive Cyanide	mg/Kg	+/-20	0.0087	U	0.0087	U	1	0		12/23/2024

Duplicate Sample Summary

Client: PARSONS Main of New York, Inc.	SDG No.: P5362
Project: Con Ed Non-MGP - East River SI 453648	Sample ID: P5362-01
Client ID: WC-SOIL-20241219DUP	Percent Solids for Spike Sample: 92

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	7.60		7.61		1	0.13		12/27/2024

Duplicate Sample Summary

Client:	PARSONS Main of New York, Inc.	SDG No.:	P5362
Project:	Con Ed Non-MGP - East River SI 453648	Sample ID:	P5362-02
Client ID:	WC-SOIL-20241219DUP	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	7.60		7.61		1	0.13		12/26/2024