



LAB CHRONICLE

OrderID:	P4921	OrderDate:	11/19/2024 12:44:00 PM
Client:	AECOM	Project:	Meeker Ave Plumes Superfund Site RI FS
Contact:	Amit Haryani	Location:	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4921-01	WC-11-A-202411	WATER			11/19/24 07:00			11/19/24
			Cyanide	9012B		11/21/24	11/21/24 13:32	
			Flash Point	1010B			11/20/24 13:30	
			pH	9040C			11/20/24 08:30	
			Reactive Cyanide	9012B		11/20/24	11/21/24 11:15	
			Reactive Sulfide	9034		11/21/24	11/21/24 15:48	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	AECOM	Date Collected:	11/19/24 07:00
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	11/19/24
Client Sample ID:	WC-11-A-202411	SDG No.:	P4921
Lab Sample ID:	P4921-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.019		1	0.00099	0.0050	mg/L	11/21/24 08:30	11/21/24 13:32	9012B
Flash Point	>212		1	0	0	o F		11/20/24 13:30	1010B
pH	7.02	H	1	0	0	pH		11/20/24 08:30	9040C
Reactive Cyanide	0.00099	U	1	0.00099	0.0050	mg/L	11/20/24 15:00	11/21/24 11:15	9012B
Reactive Sulfide	0.43	U	1	0.43	1.00	mg/L	11/21/24 10:30	11/21/24 15:48	9034

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133526

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.00	7	100	90-110	11/20/2024
Sample ID: CCV1 pH	pH	2.02	2.00	101	90-110	11/20/2024
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	11/20/2024

Initial and Continuing Calibration Verification

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133527

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	82.4	81	102	78-84	11/20/2024

Initial and Continuing Calibration Verification

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133548

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.096	0.099	97	85-115	11/21/2024
Sample ID: CCV1 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	11/21/2024
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	11/21/2024
Sample ID: CCV3 Reactive Cyanide	mg/L	0.26	0.25	104	90-110	11/21/2024

Initial and Continuing Calibration Verification

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133553

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	11/21/2024
Sample ID: CCV1 Cyanide	mg/L	0.25	0.25	100	90-110	11/21/2024
Sample ID: CCV2 Cyanide	mg/L	0.25	0.25	100	90-110	11/21/2024

Initial and Continuing Calibration Blank Summary

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133548

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	11/21/2024
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024

Initial and Continuing Calibration Blank Summary

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

RunNo.: LB133553

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024

Preparation Blank Summary

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB165128BL							
Reactive Sulfide	mg/L	< 0.5000	0.5000	U	0.43	1	11/21/2024
Sample ID: PB165148BL							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024
Sample ID: PB165170BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/21/2024

Matrix Spike Summary

Client:

AECOM

Project:

Meeker Ave Plumes Superfund Site RI FS

Client ID:

WC-11-A-202411MS

SDG No.:

P4921

Sample ID:

P4921-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.053		0.019		0.04	1	85		11/21/2024

Matrix Spike Summary

Client:

AECOM

Project:

Meeker Ave Plumes Superfund Site RI FS

Client ID:

WC-11-A-202411MSD

SDG No.:

P4921

Sample ID:

P4921-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.055		0.019		0.04	1	90		11/21/2024

Duplicate Sample Summary

Client:	AECOM	SDG No.:	P4921
Project:	Meeker Ave Plumes Superfund Site RI FS	Sample ID:	P4921-01
Client ID:	WC-11-A-202411DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	7.02		7.03		1	0.14		11/20/2024
Reactive Cyanide	mg/L	+/-20	0.00099	U	0.00099	U	1	0		11/21/2024
Cyanide	mg/L	+/-20	0.019		0.019		1	0		11/21/2024
Reactive Sulfide	mg/L	+/-20	0.43	U	0.43	U	1	0		11/21/2024

Duplicate Sample Summary

Client:

AECOM

Project:

Meeker Ave Plumes Superfund Site RI FS

Client ID:

WC-11-A-202411MSD

SDG No.:

P4921

Sample ID:

P4921-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.053		0.055		1	4		11/21/2024

Duplicate Sample Summary

Client:

AECOM

Project:

Meeker Ave Plumes Superfund Site RI FS

Client ID:

111424-CDUP

SDG No.:

P4921

Sample ID:

P4927-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Flash Point	o F	+/-2	>212.0		>212.0		1	0		11/20/2024

Laboratory Control Sample Summary

Client: AECOM

SDG No.: P4921

Project: Meeker Ave Plumes Superfund Site RI FS

Run No.: LB133553

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165170BS							
Cyanide	mg/L	0.1	0.095		95	1	85-115	11/21/2024