



LAB CHRONICLE

OrderID:	P3457	OrderDate:	8/2/2024 12:31:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	J21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3457-01	924-K1-WS-080224	WATER	Hexavalent Chromium	7196A	08/02/24 08:55		08/02/24 14:30	08/02/24
P3457-02	932-K1-WS-080224	WATER	Hexavalent Chromium	7196A	08/02/24 09:50		08/02/24 14:31	08/02/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24 08:55
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	924-K1-WS-080224	SDG No.:	P3457
Lab Sample ID:	P3457-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		08/02/24 14:30	7196A

Comments:

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24 09:50
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	932-K1-WS-080224	SDG No.:	P3457
Lab Sample ID:	P3457-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		08/02/24 14:31	7196A

Comments: _____

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc.

SDG No.: P3457

Project: Former Schlumberger Site Princeton NJ

RunNo.: LB131856

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.505	0.5	101	90-110	08/02/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	08/02/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	08/02/2024

Initial and Continuing Calibration Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3457

Project: Former Schlumberger Site Princeton NJ

RunNo.: LB131856

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/02/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/02/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/02/2024

Preparation Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3457

Project: Former Schlumberger Site Princeton NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	lb131856BL						
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	08/02/2024

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3457
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3457-02
Client ID:	932-K1-WS-080224MS	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
Hexavalent Chromium	mg/L	90-111	0.97		0.0030	U	1.0	2	97		08/02/2024

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3457
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3457-02
Client ID:	932-K1-WS-080224MSD	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
Hexavalent Chromium	mg/L	90-111	0.97		0.0030	U	1.0	2	97		08/02/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3457
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3457-02
Client ID:	932-K1-WS-080224DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		08/02/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3457
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3457-02
Client ID:	932-K1-WS-080224MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifie	Duplicate Result	Conc. Qualifie	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.97		0.97		2	0.62		08/02/2024

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3457

Project: Former Schlumberger Site Princeton NJ

Run No.: LB131856

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	lb131856BS							
Hexavalent Chromium	mg/L	0.5	0.50		100	1	90-111	08/02/2024