



LAB CHRONICLE

OrderID:	P3657	OrderDate:	8/16/2024 2:45:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3657-01	917-J-WS-081624	WATER	Hexavalent Chromium	7196A	08/16/24 09:30		08/16/24 17:34	08/16/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/16/24 09:30
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/16/24
Client Sample ID:	917-J-WS-081624	SDG No.:	P3657
Lab Sample ID:	P3657-01	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		08/16/24 17:34	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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc.

SDG No.: P3657

Project: Former Schlumberger Site Princeton NJ

RunNo.: LB132054

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	08/16/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	08/16/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	08/16/2024

Initial and Continuing Calibration Blank Summary**Client:** JACOBS Engineering Group, Inc.**SDG No.:** P3657**Project:** Former Schlumberger Site Princeton NJ**RunNo.:** LB132054

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	08/16/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/16/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/16/2024

Preparation Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3657

Project: Former Schlumberger Site Princeton NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB132054BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	08/16/2024

Matrix Spike Summary

Client:

JACOBS Engineering Group, Inc.

SDG No.:

P3657

Project:

Former Schlumberger Site Princeton NJ

Sample ID:

P3657-01

Client ID:

917-J-WS-081624MS

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	0.99		0.0030	U	1.0	2	99		08/16/2024

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3657
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3657-01
Client ID:	917-J-WS-081624MSD	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	1.00		0.0030	U	1.0	2	100		08/16/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3657
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3657-01
Client ID:	917-J-WS-081624DUP	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		08/16/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3657
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3657-01
Client ID:	917-J-WS-081624MSD	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	0.99		1.00		2	0.6		08/16/2024

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3657

Project: Former Schlumberger Site Princeton NJ

Run No.: LB132054

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB132054BS							
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	08/16/2024