



LAB CHRONICLE

OrderID:	P3596	OrderDate:	8/13/2024 1:10:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3596-01	918-J-WS-081324	WATER	Hexavalent Chromium	7196A	08/13/24 11:15		08/13/24 16:29	08/13/24
P3596-02	918-J-WS-081324-F D	WATER	Hexavalent Chromium	7196A	08/13/24 11:20		08/13/24 16:33	08/13/24



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24 11:15
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324	SDG No.:	P3596
Lab Sample ID:	P3596-01	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		08/13/24 16:29	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:	08/13/24 11:20
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	P3596
Lab Sample ID:	P3596-02	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		08/13/24 16:33	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.:** P3596

**Project:** Former Schlumberger Site Princeton NJ

**RunNo.:** LB131983

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: <b>ICV</b> Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	08/13/2024
Sample ID: <b>CCV1</b> Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	08/13/2024
Sample ID: <b>CCV2</b> Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	08/13/2024

### Initial and Continuing Calibration Blank Summary

**Client:** JACOBS Engineering Group, Inc.

**SDG No.:** P3596

**Project:** Former Schlumberger Site Princeton NJ

**RunNo.:** LB131983

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>ICB</b> Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/13/2024
Sample ID: <b>CCB1</b> Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/13/2024
Sample ID: <b>CCB2</b> Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/13/2024

### Preparation Blank Summary

**Client:** JACOBS Engineering Group, Inc.

**SDG No.:** P3596

**Project:** Former Schlumberger Site Princeton NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
<b>Sample ID: Ib131983BL</b>							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	08/13/2024



## Matrix Spike Summary

<b>Client:</b>	JACOBS Engineering Group, Inc.	<b>SDG No.:</b>	P3596
<b>Project:</b>	Former Schlumberger Site Princeton NJ	<b>Sample ID:</b>	P3596-01
<b>Client ID:</b>	918-J-WS-081324MS	<b>Percent Solids for Spike Sample:</b>	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		08/13/2024

### Matrix Spike Summary

**Client:** JACOBS Engineering Group, Inc. **SDG No.:** P3596  
**Project:** Former Schlumberger Site Princeton NJ **Sample ID:** P3596-01  
**Client ID:** 918-J-WS-081324MSD **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		08/13/2024

### Duplicate Sample Summary

<b>Client:</b>	JACOBS Engineering Group, Inc.	<b>SDG No.:</b>	P3596
<b>Project:</b>	Former Schlumberger Site Princeton NJ	<b>Sample ID:</b>	P3596-01
<b>Client ID:</b>	918-J-WS-081324DUP	<b>Percent Solids for Spike Sample:</b>	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		08/13/2024

## Duplicate Sample Summary

<b>Client:</b> JACOBS Engineering Group, Inc.	<b>SDG No.:</b> P3596
<b>Project:</b> Former Schlumberger Site Princeton NJ	<b>Sample ID:</b> P3596-01
<b>Client ID:</b> 918-J-WS-081324MSD	<b>Percent Solids for Spike Sample:</b> 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	1.00		1.00		2	0.4		08/13/2024

### Laboratory Control Sample Summary

**Client:** JACOBS Engineering Group, Inc.

**SDG No.:** P3596

**Project:** Former Schlumberger Site Princeton NJ

**Run No.:** LB131983

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	lb131983BS							
Hexavalent Chromium	mg/L	0.5	0.51		102	1	90-111	08/13/2024