



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/01/24 09:15
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/01/24
Client Sample ID:	923-K1-WS-080124	SDG No.:	P3440
Lab Sample ID:	P3440-01	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		08/01/24 15:34	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/01/24 11:10
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/01/24
Client Sample ID:	922-K1-WS-080124	SDG No.:	P3440
Lab Sample ID:	P3440-04	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		08/01/24 15:38	7196A

Comments:

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger Site Princeton NJ

SDG No.: P3440
RunNo.: LB131838

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	08/01/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.486	0.5	97	90-110	08/01/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.490	0.5	98	90-110	08/01/2024

Initial and Continuing Calibration Blank Summary

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger Site Princeton NJ

SDG No.: P3440
RunNo.: LB131838

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	08/01/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/01/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/01/2024

Preparation Blank Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3440

Project: Former Schlumberger Site Princeton NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB131838BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	08/01/2024

Matrix Spike Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3440
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3440-01
Client ID:	923-K1-WS-080124MS	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	0.93		0.0030	U	1.0	2	93		08/01/2024

Matrix Spike Summary

Client:

JACOBS Engineering Group, Inc.

SDG No.:

P3440

Project:

Former Schlumberger Site Princeton NJ

Sample ID:

P3440-01

Client ID:

923-K1-WS-080124MSD

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	0.92		0.0030	U	1.0	2	92		08/01/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3440
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3440-01
Client ID:	923-K1-WS-080124DUP	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		08/01/2024

Duplicate Sample Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3440
Project:	Former Schlumberger Site Princeton NJ	Sample ID:	P3440-01
Client ID:	923-K1-WS-080124MSD	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	0.93		0.92		2	0.86		08/01/2024

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc.

SDG No.: P3440

Project: Former Schlumberger Site Princeton NJ

Run No.: LB131838

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB131838BS							
Hexavalent Chromium	mg/L	0.5	0.49		98	1	90-111	08/01/2024

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB131838

Review By	Iwona	Review On	8/1/2024 4:12:25 PM
Supervise By	Sohil	Supervise On	8/2/2024 11:58:59 AM
SubDirectory	LB131838	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP108953,WP108952,WP108950,WP108949,WP108907,WP107791,WP108951,WP108957,WP108954,WP108955		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/01/24 15:20		Iwona	OK
2	CAL2	CAL2	CAL	08/01/24 15:21		Iwona	OK
3	CAL3	CAL3	CAL	08/01/24 15:22		Iwona	OK
4	CAL4	CAL4	CAL	08/01/24 15:23		Iwona	OK
5	CAL5	CAL5	CAL	08/01/24 15:24		Iwona	OK
6	CAL6	CAL6	CAL	08/01/24 15:25		Iwona	OK
7	CAL7	CAL7	CAL	08/01/24 15:26		Iwona	OK
8	ICV	ICV	ICV	08/01/24 15:27		Iwona	OK
9	ICB	ICB	ICB	08/01/24 15:28		Iwona	OK
10	CCV1	CCV1	CCV	08/01/24 15:29		Iwona	OK
11	CCB1	CCB1	CCB	08/01/24 15:30		Iwona	OK
12	RL Check	RL Check	SAM	08/01/24 15:31		Iwona	OK
13	LB131838BL	LB131838BL	MB	08/01/24 15:32		Iwona	OK
14	LB131838BS	LB131838BS	LCS	08/01/24 15:33		Iwona	OK
15	P3440-01	923-K1-WS-080124	SAM	08/01/24 15:34		Iwona	OK
16	P3440-01DUP	923-K1-WS-080124D	DUP	08/01/24 15:35		Iwona	OK
17	P3440-02	P3440-01MS	MS	08/01/24 15:36		Iwona	OK
18	P3440-03	P3440-01MSD	MSD	08/01/24 15:37		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB131838

Review By	Iwona	Review On	8/1/2024 4:12:25 PM
Supervise By	Sohil	Supervise On	8/2/2024 11:58:59 AM
SubDirectory	LB131838	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP108953,WP108952,WP108950,WP108949,WP108907,WP107791,WP108951,WP108957,WP108954,WP108955		

19	P3440-04	922-K1-WS-080124	SAM	08/01/24 15:38		Iwona	OK
20	CCV2	CCV2	CCV	08/01/24 15:39		Iwona	OK
21	CCB2	CCB2	CCB	08/01/24 15:40		Iwona	OK



LAB CHRONICLE

OrderID:	P3440	OrderDate:	8/1/2024 12:28:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3440-01	923-K1-WS-080124	WATER	Hexavalent Chromium	7196A	08/01/24 09:15		08/01/24 15:34	08/01/24
P3440-04	922-K1-WS-080124	WATER	Hexavalent Chromium	7196A	08/01/24 11:10		08/01/24 15:38	08/01/24