

## LAB CHRONICLE

<b>OrderID:</b>	P3429	<b>OrderDate:</b>	7/31/2024 4:38:00 PM
<b>Client:</b>	JACOBS Engineering Group, Inc.	<b>Project:</b>	Former Schlumberger Site Princeton NJ
<b>Contact:</b>	Mary I. Murphy	<b>Location:</b>	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>P3429-01</b>	<b>926-K1-WS-073124</b>	<b>Water</b>			<b>07/31/24</b>			<b>07/31/24</b>
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/24/24	10/24/24	
<b>P3429-02</b>	<b>931-K1-WS-073124</b>	<b>Water</b>			<b>07/31/24</b>			<b>07/31/24</b>
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/24/24	10/24/24	
<b>P3429-03</b>	<b>925-K1-WS-073124</b>	<b>Water</b>			<b>07/31/24</b>			<b>07/31/24</b>
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/24/24	10/24/24	



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**Hit Summary Sheet**  
**SW-846**

<b>SDG No.:</b>	P3429	<b>Order ID:</b>	P3429
<b>Client:</b>	JACOBS Engineering Group, Inc.	<b>Project ID:</b>	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
<b>Client ID :</b> P3429-01	<b>926-K1-WS-073124</b> 926-K1-WS-073124	Water	Dissolved Silica	7700		64.0	428	ug/L
<b>Client ID :</b> P3429-02	<b>931-K1-WS-073124</b> 931-K1-WS-073124	Water	Dissolved Silica	6930		64.0	428	ug/L
<b>Client ID :</b> P3429-03	<b>925-K1-WS-073124</b> 925-K1-WS-073124	Water	Dissolved Silica	9010		64.0	428	ug/L



# SAMPLE DATA

## Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	926-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
Dissolved Silica	Dissolved Silica	7700	1	64.0		428	ug/L	10/24/24 11:45	10/24/24 21:36	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

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

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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	931-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
Dissolved Silica	Dissolved Silica	6930	1	64.0		428	ug/L	10/24/24 11:45	10/24/24 21:41	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

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

J = Estimated Value  
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## Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	925-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
Dissolved Silica	Dissolved Silica	9010	1	64.0		428	ug/L	10/24/24 11:45	10/24/24 21:45	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
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# METAL CALIBRATION DATA



# METAL QC DATA





# METAL PREPARATION & INSTRUMENT DATA



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

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**SAMPLE PREPARATION SUMMARY**

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

**SDG No.:** P3429

**Contract:** JACO05

**Lab Code:** CHEM

**Method:**

**Case No.:** P3429

**SAS No.:** P3429

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
<b>Batch Number: PB164372</b>							
P3429-01	926-K1-WS-073124	SAM	WATER	10/24/2024	50.0	25.0	
P3429-02	931-K1-WS-073124	SAM	WATER	10/24/2024	50.0	25.0	
P3429-03	925-K1-WS-073124	SAM	WATER	10/24/2024	50.0	25.0	
P3645-01DUP	914-J-WS-081524DUP	DUP	WATER	10/24/2024	50.0	25.0	
P3645-01MS	914-J-WS-081524MS	MS	WATER	10/24/2024	50.0	25.0	
P3645-01MSD	914-J-WS-081524MSD	MSD	WATER	10/24/2024	50.0	25.0	
PB164372BL	PB164372BL	MB	WATER	10/24/2024	50.0	25.0	
PB164372BS	PB164372BS	LCS	WATER	10/24/2024	50.0	25.0	