

Hit Summary Sheet
SW-846

SDG No.: P3429 **Order ID:** P3429
Client: JACOBS Engineering Group, Inc. **Project ID:** Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 926-K1-WS-073124								
P3429-01	926-K1-WS-073124	Water	Barium	201		6.28	50.0	ug/L
P3429-01	926-K1-WS-073124	Water	Boron	81.6		9.95	50.0	ug/L
P3429-01	926-K1-WS-073124	Water	Calcium	30100		33.0	1000	ug/L
P3429-01	926-K1-WS-073124	Water	Chromium	0.94	J	0.66	5.00	ug/L
P3429-01	926-K1-WS-073124	Water	Cobalt	0.88	J	0.50	15.0	ug/L
P3429-01	926-K1-WS-073124	Water	Iron	3340		18.5	50.0	ug/L
P3429-01	926-K1-WS-073124	Water	Lead	3.52	J	3.51	6.00	ug/L
P3429-01	926-K1-WS-073124	Water	Magnesium	10200		39.4	1000	ug/L
P3429-01	926-K1-WS-073124	Water	Manganese	6820		1.46	10.0	ug/L
P3429-01	926-K1-WS-073124	Water	Nickel	1.52	J	0.85	20.0	ug/L
P3429-01	926-K1-WS-073124	Water	Potassium	5120		685	1000	ug/L
P3429-01	926-K1-WS-073124	Water	Sodium	144000		237	1000	ug/L
P3429-01	926-K1-WS-073124	Water	Strontium	219		2.32	10.0	ug/L
P3429-01	926-K1-WS-073124	Water	Zinc	27.3		1.75	20.0	ug/L
Client ID : 931-K1-WS-073124								
P3429-02	931-K1-WS-073124	Water	Aluminum	186		28.3	50.0	ug/L
P3429-02	931-K1-WS-073124	Water	Arsenic	4.13	J	3.48	10.0	ug/L
P3429-02	931-K1-WS-073124	Water	Barium	99.7		6.28	50.0	ug/L
P3429-02	931-K1-WS-073124	Water	Boron	26.7	J	9.95	50.0	ug/L
P3429-02	931-K1-WS-073124	Water	Calcium	8810		33.0	1000	ug/L
P3429-02	931-K1-WS-073124	Water	Chromium	2.10	J	0.66	5.00	ug/L
P3429-02	931-K1-WS-073124	Water	Cobalt	5.47	J	0.50	15.0	ug/L
P3429-02	931-K1-WS-073124	Water	Iron	8650		18.5	50.0	ug/L
P3429-02	931-K1-WS-073124	Water	Magnesium	2980		39.4	1000	ug/L
P3429-02	931-K1-WS-073124	Water	Manganese	1280		1.46	10.0	ug/L
P3429-02	931-K1-WS-073124	Water	Nickel	9.30	J	0.85	20.0	ug/L
P3429-02	931-K1-WS-073124	Water	Potassium	2190		685	1000	ug/L
P3429-02	931-K1-WS-073124	Water	Sodium	42300		237	1000	ug/L
P3429-02	931-K1-WS-073124	Water	Strontium	48.6		2.32	10.0	ug/L
P3429-02	931-K1-WS-073124	Water	Titanium	2.97	J	2.35	20.0	ug/L
P3429-02	931-K1-WS-073124	Water	Zinc	17.7	J	1.75	20.0	ug/L
Client ID : 925-K1-WS-073124								
P3429-03	925-K1-WS-073124	Water	Aluminum	143		28.3	50.0	ug/L
P3429-03	925-K1-WS-073124	Water	Barium	242		6.28	50.0	ug/L
P3429-03	925-K1-WS-073124	Water	Boron	76.8		9.95	50.0	ug/L
P3429-03	925-K1-WS-073124	Water	Cadmium	0.24	J	0.094	3.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P3429

Order ID: P3429

Client: JACOBS Engineering Group, Inc.

Project ID: Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3429-03	925-K1-WS-073124	Water	Calcium	30000		33.0	1000	ug/L
P3429-03	925-K1-WS-073124	Water	Chromium	1.38	J	0.66	5.00	ug/L
P3429-03	925-K1-WS-073124	Water	Cobalt	1.56	J	0.50	15.0	ug/L
P3429-03	925-K1-WS-073124	Water	Iron	19200		18.5	50.0	ug/L
P3429-03	925-K1-WS-073124	Water	Magnesium	10000		39.4	1000	ug/L
P3429-03	925-K1-WS-073124	Water	Manganese	6910		1.46	10.0	ug/L
P3429-03	925-K1-WS-073124	Water	Mercury	0.13	J	0.081	0.20	ug/L
P3429-03	925-K1-WS-073124	Water	Nickel	5.33	J	0.85	20.0	ug/L
P3429-03	925-K1-WS-073124	Water	Potassium	5180		685	1000	ug/L
P3429-03	925-K1-WS-073124	Water	Silver	1.88	J	0.58	5.00	ug/L
P3429-03	925-K1-WS-073124	Water	Sodium	140000		237	1000	ug/L
P3429-03	925-K1-WS-073124	Water	Strontium	215		2.32	10.0	ug/L
P3429-03	925-K1-WS-073124	Water	Titanium	3.42	J	2.35	20.0	ug/L
P3429-03	925-K1-WS-073124	Water	Vanadium	7.50	J	3.06	20.0	ug/L
P3429-03	925-K1-WS-073124	Water	Zinc	50.9		1.75	20.0	ug/L



SAMPLE DATA

A

B

C

D

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.
7429-90-5	Aluminum	28.3	U	1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-39-3	Barium	201		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-42-8	Boron	81.6		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-70-2	Calcium	30100		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-47-3	Chromium	0.94	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-48-4	Cobalt	0.88	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7439-89-6	Iron	3340		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7439-92-1	Lead	3.52	J	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7439-95-4	Magnesium	10200		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7439-96-5	Manganese	6820		1	1.46	10.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:16	SW7470A	
7439-98-7	Molybdenum	3.67	U	1	3.67	100	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-02-0	Nickel	1.52	J	1	0.85	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-09-7	Potassium	5120		1	685	1000	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-23-5	Sodium	144000		1	237	1000	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-24-6	Strontium	219	N	1	2.32	10.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-32-6	Titanium	2.35	U	1	2.35	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010
7440-66-6	Zinc	27.3		1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 16:47	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

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.
7429-90-5	Aluminum	186		1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-38-2	Arsenic	4.13	J	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-39-3	Barium	99.7		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-42-8	Boron	26.7	J	1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-70-2	Calcium	8810		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-47-3	Chromium	2.10	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-48-4	Cobalt	5.47	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7439-89-6	Iron	8650		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7439-95-4	Magnesium	2980		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7439-96-5	Manganese	1280		1	1.46	10.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:19	SW7470A	
7439-98-7	Molybdenum	3.67	U	1	3.67	100	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-02-0	Nickel	9.30	J	1	0.85	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-09-7	Potassium	2190		1	685	1000	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-23-5	Sodium	42300		1	237	1000	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-24-6	Strontium	48.6	N	1	2.32	10.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-32-6	Titanium	2.97	J	1	2.35	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010
7440-66-6	Zinc	17.7	J	1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 16:51	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

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:	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.
7429-90-5	Aluminum	143		1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-39-3	Barium	242		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-42-8	Boron	76.8		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-43-9	Cadmium	0.24	J	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-70-2	Calcium	30000		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-47-3	Chromium	1.38	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-48-4	Cobalt	1.56	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7439-89-6	Iron	19200		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7439-95-4	Magnesium	10000		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7439-96-5	Manganese	6910		1	1.46	10.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7439-97-6	Mercury	0.13	J	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:21	SW7470A	
7439-98-7	Molybdenum	3.67	U	1	3.67	100	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-02-0	Nickel	5.33	J	1	0.85	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-09-7	Potassium	5180		1	685	1000	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-22-4	Silver	1.88	J	1	0.58	5.00	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-23-5	Sodium	140000		1	237	1000	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-24-6	Strontium	215	N	1	2.32	10.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-32-6	Titanium	3.42	J	1	2.35	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-62-2	Vanadium	7.50	J	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010
7440-66-6	Zinc	50.9		1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 16:56	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

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LAB CHRONICLE

OrderID:	P3429	OrderDate:	7/31/2024 4:38:00 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
P3429-01	926-K1-WS-073124	Water			07/31/24			07/31/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6010D		08/05/24	08/07/24	
P3429-02	931-K1-WS-073124	Water			07/31/24			07/31/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6010D		08/05/24	08/07/24	
P3429-03	925-K1-WS-073124	Water			07/31/24			07/31/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6010D		08/05/24	08/07/24	