

Hit Summary Sheet
SW-846

SDG No.: P3426 **Order ID:** P3426
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 : 927-K1-WS-073124								
P3426-01	927-K1-WS-073124	Water	Barium	176		6.28	50.0	ug/L
P3426-01	927-K1-WS-073124	Water	Boron	80.0		9.95	50.0	ug/L
P3426-01	927-K1-WS-073124	Water	Calcium	26600		33.0	1000	ug/L
P3426-01	927-K1-WS-073124	Water	Chromium	1.07	J	0.66	5.00	ug/L
P3426-01	927-K1-WS-073124	Water	Cobalt	1.17	J	0.50	15.0	ug/L
P3426-01	927-K1-WS-073124	Water	Iron	3130		18.5	50.0	ug/L
P3426-01	927-K1-WS-073124	Water	Magnesium	9010		39.4	1000	ug/L
P3426-01	927-K1-WS-073124	Water	Manganese	5300		1.46	10.0	ug/L
P3426-01	927-K1-WS-073124	Water	Nickel	2.04	J	0.85	20.0	ug/L
P3426-01	927-K1-WS-073124	Water	Potassium	4830		685	1000	ug/L
P3426-01	927-K1-WS-073124	Water	Sodium	129000		237	1000	ug/L
P3426-01	927-K1-WS-073124	Water	Strontium	191		2.32	10.0	ug/L
P3426-01	927-K1-WS-073124	Water	Zinc	21.9		1.75	20.0	ug/L
Client ID : 927-K1-WS-073124-FD								
P3426-02	927-K1-WS-073124-FD	Water	Barium	179		6.28	50.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Boron	83.2		9.95	50.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Calcium	27400		33.0	1000	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Chromium	1.03	J	0.66	5.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Cobalt	1.16	J	0.50	15.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Iron	3150		18.5	50.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Magnesium	9290		39.4	1000	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Manganese	5440		1.46	10.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Nickel	1.54	J	0.85	20.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Potassium	4960		685	1000	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Sodium	134000		237	1000	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Strontium	195		2.32	10.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Zinc	10.5	J	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:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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 16:38	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-39-3	Barium	176		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-42-8	Boron	80.0		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-70-2	Calcium	26600		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-47-3	Chromium	1.07	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-48-4	Cobalt	1.17	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7439-89-6	Iron	3130		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7439-95-4	Magnesium	9010		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7439-96-5	Manganese	5300		1	1.46	10.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:12	SW7470A	
7439-98-7	Molybdenum	3.67	U	1	3.67	100	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-02-0	Nickel	2.04	J	1	0.85	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-09-7	Potassium	4830		1	685	1000	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-23-5	Sodium	129000		1	237	1000	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-24-6	Strontium	191	N	1	2.32	10.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-32-6	Titanium	2.35	U	1	2.35	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	SW6010	SW3010
7440-66-6	Zinc	21.9		1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 16:38	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:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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	28.3	U	1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
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7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-42-8	Boron	83.2		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-70-2	Calcium	27400		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-47-3	Chromium	1.03	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-48-4	Cobalt	1.16	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7439-89-6	Iron	3150		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
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7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010
7440-66-6	Zinc	10.5	J	1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 16:42	SW6010	SW3010

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LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water	Mercury Metals Group4	7470A 6010D	07/31/24	08/12/24 08/05/24	08/13/24 08/07/24	07/31/24
P3426-02	927-K1-WS-073124-FD	Water	Mercury Metals Group4	7470A 6010D	07/31/24	08/12/24 08/05/24	08/13/24 08/07/24	07/31/24