

Hit Summary Sheet SW-846

SDG No.: P3440 **Order ID:** P3440
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 : 923-K1-WS-080124								
P3440-01	923-K1-WS-080124	Water	Aluminum	62.5		1.98	20.0	ug/L
P3440-01	923-K1-WS-080124	Water	Arsenic	0.79	J	0.090	1.00	ug/L
P3440-01	923-K1-WS-080124	Water	Barium	64.4		0.30	10.0	ug/L
P3440-01	923-K1-WS-080124	Water	Calcium	22300		62.5	500	ug/L
P3440-01	923-K1-WS-080124	Water	Cobalt	0.62	J	0.062	1.00	ug/L
P3440-01	923-K1-WS-080124	Water	Copper	0.83	J	0.40	2.00	ug/L
P3440-01	923-K1-WS-080124	Water	Iron	3220		9.60	50.0	ug/L
P3440-01	923-K1-WS-080124	Water	Lead	0.52	J	0.11	1.00	ug/L
P3440-01	923-K1-WS-080124	Water	Magnesium	4260		26.6	500	ug/L
P3440-01	923-K1-WS-080124	Water	Manganese	859		0.24	1.00	ug/L
P3440-01	923-K1-WS-080124	Water	Nickel	0.65	J	0.18	1.00	ug/L
P3440-01	923-K1-WS-080124	Water	Potassium	3940		46.1	500	ug/L
P3440-01	923-K1-WS-080124	Water	Sodium	96900		85.8	500	ug/L
P3440-01	923-K1-WS-080124	Water	Vanadium	0.53	J	0.072	5.00	ug/L
P3440-01	923-K1-WS-080124	Water	Zinc	3.92	J	0.56	5.00	ug/L
Client ID : 922-K1-WS-080124								
P3440-04	922-K1-WS-080124	Water	Aluminum	54.2		1.98	20.0	ug/L
P3440-04	922-K1-WS-080124	Water	Arsenic	0.39	J	0.090	1.00	ug/L
P3440-04	922-K1-WS-080124	Water	Barium	84.9		0.30	10.0	ug/L
P3440-04	922-K1-WS-080124	Water	Calcium	38500		62.5	500	ug/L
P3440-04	922-K1-WS-080124	Water	Chromium	0.50	J	0.40	2.00	ug/L
P3440-04	922-K1-WS-080124	Water	Cobalt	5.23		0.062	1.00	ug/L
P3440-04	922-K1-WS-080124	Water	Iron	5110		9.60	50.0	ug/L
P3440-04	922-K1-WS-080124	Water	Lead	0.14	J	0.11	1.00	ug/L
P3440-04	922-K1-WS-080124	Water	Magnesium	8650		26.6	500	ug/L
P3440-04	922-K1-WS-080124	Water	Manganese	1100		0.24	1.00	ug/L
P3440-04	922-K1-WS-080124	Water	Nickel	0.94	J	0.18	1.00	ug/L
P3440-04	922-K1-WS-080124	Water	Potassium	6700		46.1	500	ug/L
P3440-04	922-K1-WS-080124	Water	Sodium	228000		85.8	500	ug/L
P3440-04	922-K1-WS-080124	Water	Vanadium	0.32	J	0.072	5.00	ug/L
P3440-04	922-K1-WS-080124	Water	Zinc	20.8		0.56	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/01/24
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
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	62.5		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-38-2	Arsenic	0.79	J	1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-39-3	Barium	64.4		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-70-2	Calcium	22300		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-47-3	Chromium	0.40	U	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-48-4	Cobalt	0.62	J	1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-50-8	Copper	0.83	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7439-89-6	Iron	3220		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7439-92-1	Lead	0.52	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7439-95-4	Magnesium	4260		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7439-96-5	Manganese	859		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:23	SW7470A	
7440-02-0	Nickel	0.65	J	1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-09-7	Potassium	3940		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-23-5	Sodium	96900		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-62-2	Vanadium	0.53	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A
7440-66-6	Zinc	3.92	J	1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 18:13	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Medium
Color After:	Colorless	Clarity After:	N/A	Artifacts:	N/A
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:	08/01/24
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
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	54.2		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
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7440-38-2	Arsenic	0.39	J	1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-39-3	Barium	84.9		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-70-2	Calcium	38500		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-47-3	Chromium	0.50	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-48-4	Cobalt	5.23		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-50-8	Copper	0.40	U	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7439-89-6	Iron	5110		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7439-92-1	Lead	0.14	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
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7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:39	SW7470A	
7440-02-0	Nickel	0.94	J	1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
7440-09-7	Potassium	6700		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 18:22	SW6020	3010A
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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			08/01/24			08/01/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/28/24	10/28/24	
P3440-04	922-K1-WS-080124	Water			08/01/24			08/01/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/28/24	10/28/24	