

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	Aluminum	22.2		1.98	20.0	ug/L
P3429-01	926-K1-WS-073124	Water	Arsenic	1.46		0.090	1.00	ug/L
P3429-01	926-K1-WS-073124	Water	Barium	239		0.30	10.0	ug/L
P3429-01	926-K1-WS-073124	Water	Calcium	37300		62.5	500	ug/L
P3429-01	926-K1-WS-073124	Water	Chromium	0.65	J	0.40	2.00	ug/L
P3429-01	926-K1-WS-073124	Water	Cobalt	1.19		0.062	1.00	ug/L
P3429-01	926-K1-WS-073124	Water	Copper	1.32	J	0.40	2.00	ug/L
P3429-01	926-K1-WS-073124	Water	Iron	4770		9.60	50.0	ug/L
P3429-01	926-K1-WS-073124	Water	Lead	0.45	J	0.11	1.00	ug/L
P3429-01	926-K1-WS-073124	Water	Magnesium	12800		26.6	500	ug/L
P3429-01	926-K1-WS-073124	Water	Manganese	8400		0.24	1.00	ug/L
P3429-01	926-K1-WS-073124	Water	Nickel	1.27		0.18	1.00	ug/L
P3429-01	926-K1-WS-073124	Water	Potassium	6050		46.1	500	ug/L
P3429-01	926-K1-WS-073124	Water	Sodium	194000		85.8	500	ug/L
P3429-01	926-K1-WS-073124	Water	Vanadium	0.33	J	0.072	5.00	ug/L
P3429-01	926-K1-WS-073124	Water	Zinc	31.4		0.56	5.00	ug/L
Client ID : 931-K1-WS-073124								
P3429-02	931-K1-WS-073124	Water	Aluminum	198		1.98	20.0	ug/L
P3429-02	931-K1-WS-073124	Water	Antimony	0.22	J	0.11	2.00	ug/L
P3429-02	931-K1-WS-073124	Water	Arsenic	7.65		0.090	1.00	ug/L
P3429-02	931-K1-WS-073124	Water	Barium	109		0.30	10.0	ug/L
P3429-02	931-K1-WS-073124	Water	Calcium	10100		62.5	500	ug/L
P3429-02	931-K1-WS-073124	Water	Chromium	3.54		0.40	2.00	ug/L
P3429-02	931-K1-WS-073124	Water	Cobalt	6.24		0.062	1.00	ug/L
P3429-02	931-K1-WS-073124	Water	Copper	3.00		0.40	2.00	ug/L
P3429-02	931-K1-WS-073124	Water	Iron	11100		9.60	50.0	ug/L
P3429-02	931-K1-WS-073124	Water	Lead	1.95		0.11	1.00	ug/L
P3429-02	931-K1-WS-073124	Water	Magnesium	3520		26.6	500	ug/L
P3429-02	931-K1-WS-073124	Water	Manganese	1440		0.24	1.00	ug/L
P3429-02	931-K1-WS-073124	Water	Nickel	10.6		0.18	1.00	ug/L
P3429-02	931-K1-WS-073124	Water	Potassium	2820		46.1	500	ug/L
P3429-02	931-K1-WS-073124	Water	Sodium	52100		85.8	500	ug/L
P3429-02	931-K1-WS-073124	Water	Vanadium	2.20	J	0.072	5.00	ug/L
P3429-02	931-K1-WS-073124	Water	Zinc	31.7		0.56	5.00	ug/L
Client ID : 925-K1-WS-073124								
P3429-03	925-K1-WS-073124	Water	Aluminum	151		1.98	20.0	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	Arsenic	4.67		0.090	1.00	ug/L
P3429-03	925-K1-WS-073124	Water	Barium	273		0.30	10.0	ug/L
P3429-03	925-K1-WS-073124	Water	Calcium	35500		62.5	500	ug/L
P3429-03	925-K1-WS-073124	Water	Chromium	0.75	J	0.40	2.00	ug/L
P3429-03	925-K1-WS-073124	Water	Cobalt	1.57		0.062	1.00	ug/L
P3429-03	925-K1-WS-073124	Water	Copper	2.27		0.40	2.00	ug/L
P3429-03	925-K1-WS-073124	Water	Iron	24700		9.60	50.0	ug/L
P3429-03	925-K1-WS-073124	Water	Lead	2.05		0.11	1.00	ug/L
P3429-03	925-K1-WS-073124	Water	Magnesium	11600		26.6	500	ug/L
P3429-03	925-K1-WS-073124	Water	Manganese	8030		0.24	1.00	ug/L
P3429-03	925-K1-WS-073124	Water	Nickel	3.49		0.18	1.00	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	Potassium	5570		46.1	500	ug/L
P3429-03	925-K1-WS-073124	Water	Silver	1.51		0.077	1.00	ug/L
P3429-03	925-K1-WS-073124	Water	Sodium	168000		85.8	500	ug/L
P3429-03	925-K1-WS-073124	Water	Vanadium	8.01		0.072	5.00	ug/L
P3429-03	925-K1-WS-073124	Water	Zinc	42.7		0.56	5.00	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	22.2		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-38-2	Arsenic	1.46		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-39-3	Barium	239		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-70-2	Calcium	37300		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-47-3	Chromium	0.65	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-48-4	Cobalt	1.19		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-50-8	Copper	1.32	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7439-89-6	Iron	4770		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7439-92-1	Lead	0.45	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7439-95-4	Magnesium	12800		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7439-96-5	Manganese	8400		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:16	SW7470A	
7440-02-0	Nickel	1.27		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-09-7	Potassium	6050		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-23-5	Sodium	194000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-62-2	Vanadium	0.33	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 17:47	SW6020	3010A
7440-66-6	Zinc	31.4		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 17:47	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:	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	198		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-36-0	Antimony	0.22	J	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-38-2	Arsenic	7.65		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-39-3	Barium	109		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-70-2	Calcium	10100		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-47-3	Chromium	3.54		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-48-4	Cobalt	6.24		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-50-8	Copper	3.00		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7439-89-6	Iron	11100		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7439-92-1	Lead	1.95		1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7439-95-4	Magnesium	3520		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7439-96-5	Manganese	1440		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:19	SW7470A	
7440-02-0	Nickel	10.6		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-09-7	Potassium	2820		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-23-5	Sodium	52100		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-62-2	Vanadium	2.20	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A
7440-66-6	Zinc	31.7		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 17:50	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Medium
Color After:	Colorless	Clarity After:	N/A	Artifacts:	N/A
Comments:	Mercury				

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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.
7429-90-5	Aluminum	151		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-38-2	Arsenic	4.67		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-39-3	Barium	273		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-70-2	Calcium	35500		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-47-3	Chromium	0.75	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-48-4	Cobalt	1.57		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-50-8	Copper	2.27		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7439-89-6	Iron	24700		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7439-92-1	Lead	2.05		1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7439-95-4	Magnesium	11600		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7439-96-5	Manganese	8030		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
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	
7440-02-0	Nickel	3.49		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-09-7	Potassium	5570		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-22-4	Silver	1.51	N	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-23-5	Sodium	168000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-62-2	Vanadium	8.01		1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A
7440-66-6	Zinc	42.7		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 17:53	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Medium
Color After:	Colorless	Clarity After:	N/A	Artifacts:	N/A
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	Mercury	7470A	07/31/24	08/12/24	08/13/24	07/31/24
			Metals Group4	6020B		08/23/24	08/25/24	
P3429-02	931-K1-WS-073124	Water	Mercury	7470A	07/31/24	08/12/24	08/13/24	07/31/24
			Metals Group4	6020B		08/23/24	08/25/24	
P3429-03	925-K1-WS-073124	Water	Mercury	7470A	07/31/24	08/12/24	08/13/24	07/31/24
			Metals Group4	6020B		08/23/24	08/25/24	