

Hit Summary Sheet SW-846

SDG No.: P3596 **Order ID:** P3596
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 : 918-J-WS-081324								
P3596-01	918-J-WS-081324	Water	Aluminum	108		1.98	20.0	ug/L
P3596-01	918-J-WS-081324	Water	Antimony	0.34	J	0.11	2.00	ug/L
P3596-01	918-J-WS-081324	Water	Arsenic	2.21		0.090	1.00	ug/L
P3596-01	918-J-WS-081324	Water	Barium	58.1		0.30	10.0	ug/L
P3596-01	918-J-WS-081324	Water	Calcium	19000		62.5	500	ug/L
P3596-01	918-J-WS-081324	Water	Chromium	2.24		0.40	2.00	ug/L
P3596-01	918-J-WS-081324	Water	Cobalt	0.72	J	0.062	1.00	ug/L
P3596-01	918-J-WS-081324	Water	Copper	78.5		0.40	2.00	ug/L
P3596-01	918-J-WS-081324	Water	Iron	3570		9.60	50.0	ug/L
P3596-01	918-J-WS-081324	Water	Lead	1.81		0.11	1.00	ug/L
P3596-01	918-J-WS-081324	Water	Magnesium	3420		26.6	500	ug/L
P3596-01	918-J-WS-081324	Water	Manganese	510		0.24	1.00	ug/L
P3596-01	918-J-WS-081324	Water	Nickel	14.0		0.18	1.00	ug/L
P3596-01	918-J-WS-081324	Water	Potassium	2760		46.1	500	ug/L
P3596-01	918-J-WS-081324	Water	Sodium	68100		85.8	500	ug/L
P3596-01	918-J-WS-081324	Water	Vanadium	1.06	J	0.072	5.00	ug/L
P3596-01	918-J-WS-081324	Water	Zinc	28.7		0.56	5.00	ug/L
Client ID : 918-J-WS-081324-FD								
P3596-02	918-J-WS-081324-FD	Water	Aluminum	88.2		1.98	20.0	ug/L
P3596-02	918-J-WS-081324-FD	Water	Antimony	0.23	J	0.11	2.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Arsenic	1.74		0.090	1.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Barium	57.6		0.30	10.0	ug/L
P3596-02	918-J-WS-081324-FD	Water	Calcium	19100		62.5	500	ug/L
P3596-02	918-J-WS-081324-FD	Water	Chromium	1.21	J	0.40	2.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Cobalt	0.74	J	0.062	1.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Copper	3.59		0.40	2.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Iron	3340		9.60	50.0	ug/L
P3596-02	918-J-WS-081324-FD	Water	Lead	1.75		0.11	1.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Magnesium	3440		26.6	500	ug/L
P3596-02	918-J-WS-081324-FD	Water	Manganese	511		0.24	1.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Nickel	1.28		0.18	1.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Potassium	2770		46.1	500	ug/L
P3596-02	918-J-WS-081324-FD	Water	Sodium	68300		85.8	500	ug/L
P3596-02	918-J-WS-081324-FD	Water	Vanadium	0.98	J	0.072	5.00	ug/L
P3596-02	918-J-WS-081324-FD	Water	Zinc	36.8		0.56	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P3596

Order ID: P3596

Client: JACOBS Engineering Group, Inc.

Project ID: Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324	SDG No.:	P3596
Lab Sample ID:	P3596-01	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	108		1	1.98	20.0	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-36-0	Antimony	0.34	J	1	0.11	2.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-38-2	Arsenic	2.21	*	1	0.090	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-39-3	Barium	58.1		1	0.30	10.0	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-70-2	Calcium	19000		1	62.5	500	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-47-3	Chromium	2.24		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-48-4	Cobalt	0.72	J	1	0.062	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-50-8	Copper	78.5		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7439-89-6	Iron	3570		1	9.60	50.0	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7439-92-1	Lead	1.81		1	0.11	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7439-95-4	Magnesium	3420		1	26.6	500	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7439-96-5	Manganese	510		1	0.24	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/18/24 13:50	08/19/24 11:18	SW7470A	
7440-02-0	Nickel	14.0		1	0.18	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-09-7	Potassium	2760		1	46.1	500	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-23-5	Sodium	68100		1	85.8	500	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-62-2	Vanadium	1.06	J	1	0.072	5.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A
7440-66-6	Zinc	28.7		1	0.56	5.00	ug/L	09/04/24 12:30	09/04/24 15:20	SW6020	3010A

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:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	P3596
Lab Sample ID:	P3596-02	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	88.2		1	1.98	20.0	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-36-0	Antimony	0.23	J	1	0.11	2.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-38-2	Arsenic	1.74	*	1	0.090	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-39-3	Barium	57.6		1	0.30	10.0	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-70-2	Calcium	19100		1	62.5	500	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-47-3	Chromium	1.21	J	1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-48-4	Cobalt	0.74	J	1	0.062	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-50-8	Copper	3.59		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7439-89-6	Iron	3340		1	9.60	50.0	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7439-92-1	Lead	1.75		1	0.11	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7439-95-4	Magnesium	3440		1	26.6	500	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7439-96-5	Manganese	511		1	0.24	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/18/24 13:50	08/19/24 11:20	SW7470A	
7440-02-0	Nickel	1.28		1	0.18	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-09-7	Potassium	2770		1	46.1	500	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-23-5	Sodium	68300		1	85.8	500	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-62-2	Vanadium	0.98	J	1	0.072	5.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A
7440-66-6	Zinc	36.8		1	0.56	5.00	ug/L	09/04/24 12:30	09/04/24 15:23	SW6020	3010A

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

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 LOQ = Limit of Quantitation
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LAB CHRONICLE

OrderID:	P3596	OrderDate:	8/13/2024 1:10:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3596-01	918-J-WS-081324	Water			08/13/24			08/13/24
			Mercury	7470A		08/18/24	08/19/24	
			Metals Group4	6020B		09/04/24	09/04/24	
P3596-02	918-J-WS-081324-FD	Water			08/13/24			08/13/24
			Mercury	7470A		08/18/24	08/19/24	
			Metals Group4	6020B		09/04/24	09/04/24	