

Hit Summary Sheet SW-846

SDG No.: P3609 **Order ID:** P3609
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 : 915-J-WS-081424								
P3609-01	915-J-WS-081424	Water	Aluminum	833		1.98	20.0	ug/L
P3609-01	915-J-WS-081424	Water	Antimony	0.93	J	0.11	2.00	ug/L
P3609-01	915-J-WS-081424	Water	Arsenic	3.81		0.090	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Barium	63.0		0.30	10.0	ug/L
P3609-01	915-J-WS-081424	Water	Beryllium	0.27	J	0.16	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Calcium	19300		62.5	500	ug/L
P3609-01	915-J-WS-081424	Water	Chromium	3.67		0.40	2.00	ug/L
P3609-01	915-J-WS-081424	Water	Cobalt	1.19		0.062	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Copper	9.55		0.40	2.00	ug/L
P3609-01	915-J-WS-081424	Water	Iron	6020		9.60	50.0	ug/L
P3609-01	915-J-WS-081424	Water	Lead	5.58		0.11	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Magnesium	3470		26.6	500	ug/L
P3609-01	915-J-WS-081424	Water	Manganese	473		0.24	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Nickel	2.70		0.18	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Potassium	2880		46.1	500	ug/L
P3609-01	915-J-WS-081424	Water	Silver	0.21	J	0.077	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Sodium	67800		85.8	500	ug/L
P3609-01	915-J-WS-081424	Water	Thallium	0.16	J	0.085	1.00	ug/L
P3609-01	915-J-WS-081424	Water	Vanadium	2.55	J	0.072	5.00	ug/L
P3609-01	915-J-WS-081424	Water	Zinc	54.0		0.56	5.00	ug/L
Client ID : 920-J-WS-081424								
P3609-02	920-J-WS-081424	Water	Aluminum	129		1.98	20.0	ug/L
P3609-02	920-J-WS-081424	Water	Antimony	0.32	J	0.11	2.00	ug/L
P3609-02	920-J-WS-081424	Water	Arsenic	2.08		0.090	1.00	ug/L
P3609-02	920-J-WS-081424	Water	Barium	58.4		0.30	10.0	ug/L
P3609-02	920-J-WS-081424	Water	Calcium	19200		62.5	500	ug/L
P3609-02	920-J-WS-081424	Water	Chromium	1.65	J	0.40	2.00	ug/L
P3609-02	920-J-WS-081424	Water	Cobalt	0.64	J	0.062	1.00	ug/L
P3609-02	920-J-WS-081424	Water	Copper	3.01		0.40	2.00	ug/L
P3609-02	920-J-WS-081424	Water	Iron	3320		9.60	50.0	ug/L
P3609-02	920-J-WS-081424	Water	Lead	1.63		0.11	1.00	ug/L
P3609-02	920-J-WS-081424	Water	Magnesium	3440		26.6	500	ug/L
P3609-02	920-J-WS-081424	Water	Manganese	463		0.24	1.00	ug/L
P3609-02	920-J-WS-081424	Water	Nickel	1.66		0.18	1.00	ug/L
P3609-02	920-J-WS-081424	Water	Potassium	2850		46.1	500	ug/L
P3609-02	920-J-WS-081424	Water	Sodium	69300		85.8	500	ug/L
P3609-02	920-J-WS-081424	Water	Vanadium	1.04	J	0.072	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P3609

Order ID: P3609

Client: JACOBS Engineering Group, Inc.

Project ID: Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3609-02	920-J-WS-081424	Water	Zinc	13.6		0.56	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	915-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-01	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	833		1	1.98	20.0	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-36-0	Antimony	0.93	J	1	0.11	2.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-38-2	Arsenic	3.81	*	1	0.090	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-39-3	Barium	63.0		1	0.30	10.0	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-41-7	Beryllium	0.27	J	1	0.16	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-70-2	Calcium	19300		1	62.5	500	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-47-3	Chromium	3.67		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-48-4	Cobalt	1.19		1	0.062	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-50-8	Copper	9.55		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7439-89-6	Iron	6020		1	9.60	50.0	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7439-92-1	Lead	5.58		1	0.11	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7439-95-4	Magnesium	3470		1	26.6	500	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7439-96-5	Manganese	473		1	0.24	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	09/03/24 15:15	09/04/24 13:19	SW7470A	
7440-02-0	Nickel	2.70		1	0.18	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-09-7	Potassium	2880		1	46.1	500	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-22-4	Silver	0.21	JN	1	0.077	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-23-5	Sodium	67800		1	85.8	500	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-28-0	Thallium	0.16	J	1	0.085	1.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-62-2	Vanadium	2.55	J	1	0.072	5.00	ug/L	09/04/24 12:30	09/04/24 16:03	SW6020	3010A
7440-66-6	Zinc	54.0		1	0.56	5.00	ug/L	09/04/24 12:30	09/04/24 16:03	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:	08/14/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	920-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-02	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	129		1	1.98	20.0	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-36-0	Antimony	0.32	J	1	0.11	2.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-38-2	Arsenic	2.08	*	1	0.090	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-39-3	Barium	58.4		1	0.30	10.0	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-70-2	Calcium	19200		1	62.5	500	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-47-3	Chromium	1.65	J	1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-48-4	Cobalt	0.64	J	1	0.062	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-50-8	Copper	3.01		1	0.40	2.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7439-89-6	Iron	3320		1	9.60	50.0	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7439-92-1	Lead	1.63		1	0.11	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7439-95-4	Magnesium	3440		1	26.6	500	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7439-96-5	Manganese	463		1	0.24	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	09/03/24 15:15	09/04/24 13:31	SW7470A	
7440-02-0	Nickel	1.66		1	0.18	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-09-7	Potassium	2850		1	46.1	500	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-23-5	Sodium	69300		1	85.8	500	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-62-2	Vanadium	1.04	J	1	0.072	5.00	ug/L	09/04/24 12:30	09/04/24 16:07	SW6020	3010A
7440-66-6	Zinc	13.6		1	0.56	5.00	ug/L	09/04/24 12:30	09/04/24 16:07	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

LAB CHRONICLE

OrderID:	P3609	OrderDate:	8/14/2024 12:48:00 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
P3609-01	915-J-WS-081424	Water	Mercury	7470A	08/14/24	09/03/24	09/04/24	08/14/24
			Metals Group4	6020B		09/04/24	09/04/24	
P3609-02	920-J-WS-081424	Water	Mercury	7470A	08/14/24	09/03/24	09/04/24	08/14/24
			Metals Group4	6020B		09/04/24	09/04/24	