

Hit Summary Sheet SW-846

SDG No.: P3457 **Order ID:** P3457
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 : 924-K1-WS-080224								
P3457-01	924-K1-WS-080224	Water	Aluminum	69.3		1.98	20.0	ug/L
P3457-01	924-K1-WS-080224	Water	Antimony	0.59	J	0.11	2.00	ug/L
P3457-01	924-K1-WS-080224	Water	Arsenic	0.85	J	0.090	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Barium	180		0.30	10.0	ug/L
P3457-01	924-K1-WS-080224	Water	Calcium	34800		62.5	500	ug/L
P3457-01	924-K1-WS-080224	Water	Chromium	0.45	J	0.40	2.00	ug/L
P3457-01	924-K1-WS-080224	Water	Cobalt	2.34		0.062	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Copper	0.72	J	0.40	2.00	ug/L
P3457-01	924-K1-WS-080224	Water	Iron	4360		9.60	50.0	ug/L
P3457-01	924-K1-WS-080224	Water	Lead	0.90	J	0.11	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Magnesium	9040		26.6	500	ug/L
P3457-01	924-K1-WS-080224	Water	Manganese	1940		0.24	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Nickel	1.11		0.18	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Potassium	4810		46.1	500	ug/L
P3457-01	924-K1-WS-080224	Water	Silver	0.85	J	0.077	1.00	ug/L
P3457-01	924-K1-WS-080224	Water	Sodium	175000		85.8	500	ug/L
P3457-01	924-K1-WS-080224	Water	Vanadium	0.38	J	0.072	5.00	ug/L
P3457-01	924-K1-WS-080224	Water	Zinc	5.22		0.56	5.00	ug/L
Client ID : 932-K1-WS-080224								
P3457-02	932-K1-WS-080224	Water	Aluminum	28.6		1.98	20.0	ug/L
P3457-02	932-K1-WS-080224	Water	Antimony	0.23	J	0.11	2.00	ug/L
P3457-02	932-K1-WS-080224	Water	Arsenic	0.92	J	0.090	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Barium	174		0.30	10.0	ug/L
P3457-02	932-K1-WS-080224	Water	Calcium	33700		62.5	500	ug/L
P3457-02	932-K1-WS-080224	Water	Cobalt	2.11		0.062	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Copper	0.80	J	0.40	2.00	ug/L
P3457-02	932-K1-WS-080224	Water	Iron	5010		9.60	50.0	ug/L
P3457-02	932-K1-WS-080224	Water	Lead	0.39	J	0.11	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Magnesium	8800		26.6	500	ug/L
P3457-02	932-K1-WS-080224	Water	Manganese	1670		0.24	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Nickel	0.99	J	0.18	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Potassium	4650		46.1	500	ug/L
P3457-02	932-K1-WS-080224	Water	Silver	0.47	J	0.077	1.00	ug/L
P3457-02	932-K1-WS-080224	Water	Sodium	172000		85.8	500	ug/L
P3457-02	932-K1-WS-080224	Water	Vanadium	0.28	J	0.072	5.00	ug/L
P3457-02	932-K1-WS-080224	Water	Zinc	3.71	J	0.56	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	924-K1-WS-080224	SDG No.:	P3457
Lab Sample ID:	P3457-01	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	69.3		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-36-0	Antimony	0.59	J	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-38-2	Arsenic	0.85	J	1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-39-3	Barium	180		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-70-2	Calcium	34800		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-47-3	Chromium	0.45	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-48-4	Cobalt	2.34		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-50-8	Copper	0.72	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7439-89-6	Iron	4360		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7439-92-1	Lead	0.90	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7439-95-4	Magnesium	9040		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7439-96-5	Manganese	1940		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:44	SW7470A	
7440-02-0	Nickel	1.11		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-09-7	Potassium	4810		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-22-4	Silver	0.85	JN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-23-5	Sodium	175000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-62-2	Vanadium	0.38	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 18:34	SW6020	3010A
7440-66-6	Zinc	5.22		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 18:34	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:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	932-K1-WS-080224	SDG No.:	P3457
Lab Sample ID:	P3457-02	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	28.6		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-36-0	Antimony	0.23	J	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-38-2	Arsenic	0.92	J	1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-39-3	Barium	174		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-70-2	Calcium	33700		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-47-3	Chromium	0.40	U	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-48-4	Cobalt	2.11		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-50-8	Copper	0.80	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7439-89-6	Iron	5010		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7439-92-1	Lead	0.39	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7439-95-4	Magnesium	8800		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7439-96-5	Manganese	1670		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:46	SW7470A	
7440-02-0	Nickel	0.99	J	1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-09-7	Potassium	4650		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-22-4	Silver	0.47	JN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-23-5	Sodium	172000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-62-2	Vanadium	0.28	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 18:37	SW6020	3010A
7440-66-6	Zinc	3.71	J	1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 18:37	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

LAB CHRONICLE

OrderID:	P3457	OrderDate:	8/2/2024 12:31:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	J21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3457-01	924-K1-WS-080224	Water			08/02/24			08/02/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
P3457-02	932-K1-WS-080224	Water			08/02/24			08/02/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	