

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	46.5	J	28.3	50.0	ug/L
P3457-01	924-K1-WS-080224	Water	Barium	183		6.28	50.0	ug/L
P3457-01	924-K1-WS-080224	Water	Boron	76.9		9.95	50.0	ug/L
P3457-01	924-K1-WS-080224	Water	Calcium	33600		33.0	1000	ug/L
P3457-01	924-K1-WS-080224	Water	Chromium	0.86	J	0.66	5.00	ug/L
P3457-01	924-K1-WS-080224	Water	Cobalt	2.23	J	0.50	15.0	ug/L
P3457-01	924-K1-WS-080224	Water	Iron	3650		18.5	50.0	ug/L
P3457-01	924-K1-WS-080224	Water	Magnesium	8880		39.4	1000	ug/L
P3457-01	924-K1-WS-080224	Water	Manganese	1930		1.46	10.0	ug/L
P3457-01	924-K1-WS-080224	Water	Nickel	1.73	J	0.85	20.0	ug/L
P3457-01	924-K1-WS-080224	Water	Potassium	4730		685	1000	ug/L
P3457-01	924-K1-WS-080224	Water	Silver	0.77	J	0.58	5.00	ug/L
P3457-01	924-K1-WS-080224	Water	Sodium	154000		237	1000	ug/L
P3457-01	924-K1-WS-080224	Water	Strontium	231		2.32	10.0	ug/L
P3457-01	924-K1-WS-080224	Water	Zinc	10.3	J	1.75	20.0	ug/L
Client ID : 932-K1-WS-080224								
P3457-02	932-K1-WS-080224	Water	Barium	196		6.28	50.0	ug/L
P3457-02	932-K1-WS-080224	Water	Boron	82.8		9.95	50.0	ug/L
P3457-02	932-K1-WS-080224	Water	Calcium	36600		33.0	1000	ug/L
P3457-02	932-K1-WS-080224	Water	Chromium	1.36	J	0.66	5.00	ug/L
P3457-02	932-K1-WS-080224	Water	Cobalt	2.24	J	0.50	15.0	ug/L
P3457-02	932-K1-WS-080224	Water	Iron	4650		18.5	50.0	ug/L
P3457-02	932-K1-WS-080224	Water	Magnesium	9660		39.4	1000	ug/L
P3457-02	932-K1-WS-080224	Water	Manganese	1840		1.46	10.0	ug/L
P3457-02	932-K1-WS-080224	Water	Nickel	2.82	J	0.85	20.0	ug/L
P3457-02	932-K1-WS-080224	Water	Potassium	4940		685	1000	ug/L
P3457-02	932-K1-WS-080224	Water	Sodium	161000		237	1000	ug/L
P3457-02	932-K1-WS-080224	Water	Strontium	251		2.32	10.0	ug/L
P3457-02	932-K1-WS-080224	Water	Zinc	6.15	J	1.75	20.0	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	46.5	J	1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-39-3	Barium	183		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-42-8	Boron	76.9		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-70-2	Calcium	33600		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-47-3	Chromium	0.86	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-48-4	Cobalt	2.23	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7439-89-6	Iron	3650		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7439-95-4	Magnesium	8880		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7439-96-5	Manganese	1930		1	1.46	10.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
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	
7439-98-7	Molybdenum	3.67	U	1	3.67	100	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-02-0	Nickel	1.73	J	1	0.85	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-09-7	Potassium	4730		1	685	1000	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-22-4	Silver	0.77	J	1	0.58	5.00	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-23-5	Sodium	154000		1	237	1000	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-24-6	Strontium	231	N	1	2.32	10.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-31-5	Tin	1.89	U	1	1.89	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-32-6	Titanium	2.35	U	1	2.35	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010
7440-66-6	Zinc	10.3	J	1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 19:39	SW6010	SW3010

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:	08/02/24
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	28.3	U	1	28.3	50.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-39-3	Barium	196		1	6.28	50.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-42-8	Boron	82.8		1	9.95	50.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-70-2	Calcium	36600		1	33.0	1000	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-47-3	Chromium	1.36	J	1	0.66	5.00	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-48-4	Cobalt	2.24	J	1	0.50	15.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7439-89-6	Iron	4650		1	18.5	50.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7439-95-4	Magnesium	9660		1	39.4	1000	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
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7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010
7440-66-6	Zinc	6.15	J	1	1.75	20.0	ug/L	08/05/24 09:15	08/07/24 19:44	SW6010	SW3010

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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	6010D		08/05/24	08/07/24	
P3457-02	932-K1-WS-080224	Water			08/02/24			08/02/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6010D		08/05/24	08/07/24	