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Hit Summary Sheet
SW-846

SDG No.: Q1985

Order ID: Q1985

Client: Tetra Tech NUS, Inc.

Project ID: NWIRP Bethpage 112G08005-WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : RW8-BW-20250507									
Q1985-01	RW8-BW-20250507	Water	Aluminum	24.0	J	5.67	40.0	50.0	ug/L
Q1985-01	RW8-BW-20250507	Water	Calcium	1380		117	250	1000	ug/L
Q1985-01	RW8-BW-20250507	Water	Chromium	2.48	J	1.06	2.50	5.00	ug/L
Q1985-01	RW8-BW-20250507	Water	Iron	678		11.7	40.0	50.0	ug/L
Q1985-01	RW8-BW-20250507	Water	Magnesium	1330		122	250	1000	ug/L
Q1985-01	RW8-BW-20250507	Water	Manganese	52.0		2.97	7.50	10.0	ug/L
Q1985-01	RW8-BW-20250507	Water	Potassium	333000		459	800	1000	ug/L
Q1985-01	RW8-BW-20250507	Water	Sodium	44800		434	500	1000	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/08/25
Client Sample ID:	RW8-BW-20250507	SDG No.:	Q1985
Lab Sample ID:	Q1985-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	24.0	J	1	5.67	40.0	50.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-36-0	Antimony	6.25	U	1	3.38	6.25	25.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-39-3	Barium	12.5	U	1	7.28	12.5	50.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-41-7	Beryllium	0.75	U	1	0.28	0.75	3.00	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-70-2	Calcium	1380		1	117	250	1000	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-47-3	Chromium	2.48	J	1	1.06	2.50	5.00	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-50-8	Copper	8.00	U	1	2.30	8.00	10.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7439-89-6	Iron	678		1	11.7	40.0	50.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7439-92-1	Lead	4.80	U	1	1.15	4.80	6.00	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7439-95-4	Magnesium	1330		1	122	250	1000	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7439-96-5	Manganese	52.0	N*	1	2.97	7.50	10.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	05/13/25 14:20	05/14/25 14:11	7470A	
7440-02-0	Nickel	5.00	U	1	1.53	5.00	20.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-09-7	Potassium	333000		1	459	800	1000	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-22-4	Silver	2.50	UN	1	0.81	2.50	5.00	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-23-5	Sodium	44800		1	434	500	1000	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010
7440-66-6	Zinc	7.50	U	1	8.33	7.50	20.0	ug/L	05/12/25 10:15	05/15/25 15:40	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

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:	Q1985	OrderDate:	5/8/2025 10:49:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1985-01	RW8-BW-20250507	Water			05/07/25			05/08/25
			Mercury	7470A		05/13/25	05/14/25	
			Metals ICP-TAL	6010D		05/12/25	05/15/25	