

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	TT-079-IDWGW-20250903	SDG No.:	Q3017
Lab Sample ID:	Q3017-05	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	21700	D	5	28.4	200	250	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-36-0	Antimony	31.3	UD	5	16.9	31.3	125	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-38-2	Arsenic	37.5	UD	5	12.8	37.5	50.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-39-3	Barium	167	JDN	5	36.4	62.5	250	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-41-7	Beryllium	3.75	UD	5	1.40	3.75	15.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-43-9	Cadmium	3.75	UD	5	1.25	3.75	15.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-70-2	Calcium	9470	D	5	585	1250	5000	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-47-3	Chromium	23.2	JD	5	5.30	12.5	25.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-48-4	Cobalt	12.9	JD	5	5.65	18.8	75.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-50-8	Copper	22.9	JD	5	11.5	40.0	50.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7439-89-6	Iron	9770	D	5	58.5	200	250	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7439-92-1	Lead	23.8	JD	5	5.75	24.0	30.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7439-95-4	Magnesium	4110	JD	5	610	1250	5000	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7439-96-5	Manganese	291	DN	5	14.9	37.5	50.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	09/05/25 09:20	09/05/25 15:50	7470A	
7440-02-0	Nickel	17.0	JD	5	7.65	25.0	100	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-09-7	Potassium	4000	UDN	5	2300	4000	5000	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7782-49-2	Selenium	40.0	UD	5	24.1	40.0	50.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-22-4	Silver	12.5	UD	5	4.05	12.5	25.0	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-23-5	Sodium	23800	D	5	2170	2500	5000	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-28-0	Thallium	50.0	UD	5	10.9	50.0	100	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-62-2	Vanadium	22.9	JD	5	15.7	50.0	100	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010
7440-66-6	Zinc	46.1	JDN	5	41.7	37.5	100	ug/L	09/04/25 12:05	09/05/25 13:11	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	Light brown	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