

Report of Analysis

Client:	New York City DEP of Environmental Protection/BWS	Date Collected:	12/03/24
Project:	Industrial Wastewater Discharge Permit - Fall 2024	Date Received:	12/03/24
Client Sample ID:	14B-(1-4)-COMP	SDG No.:	P5068
Lab Sample ID:	P5068-07	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	849000		1	10.6	50.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-36-0	Antimony	2.96	UN	1	2.96	25.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-38-2	Arsenic	81.0		1	2.84	10.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-39-3	Barium	658		1	11.3	50.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-41-7	Beryllium	0.19	U	1	0.19	3.00	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-43-9	Cadmium	3.07		1	0.21	3.00	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-70-2	Calcium	37900		1	51.8	1000	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-47-3	Chromium	21.8		1	0.52	5.00	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-48-4	Cobalt	8.61	J	1	0.88	15.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-50-8	Copper	562		1	1.52	10.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7439-89-6	Iron	36100		1	12.4	50.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7439-92-1	Lead	22.6		1	1.57	6.00	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7439-95-4	Magnesium	8490		1	61.2	1000	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7439-96-5	Manganese	25900	D	5	4.35	50.0	ug/L	12/04/24 11:35	12/06/24 16:52	EPA 200.7	
7439-97-6	Mercury	0.87		1	0.022	0.20	ug/L	12/10/24 08:00	12/10/24 11:19	E245.1	
7440-02-0	Nickel	25.3		1	1.28	20.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-09-7	Potassium	3350		1	281	1000	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7782-49-2	Selenium	10.1		1	3.07	10.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-22-4	Silver	3.01	J	1	0.83	5.00	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-23-5	Sodium	34400		1	448	1000	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-28-0	Thallium	2.21	U	1	2.21	20.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-62-2	Vanadium	36.5		1	2.40	20.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	
7440-66-6	Zinc	142		1	1.44	20.0	ug/L	12/04/24 11:35	12/06/24 14:29	EPA 200.7	

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	Yellow	Clarity After:	Clear	Artifacts:
Comments:	Metals Group1			

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