CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # Q1503
Test Name: Metals Group3,Metals Group4,Metals Group5

A. Number of Samples and Date of Receipt:
8 Water samples were received on 03/05/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Hardness, Calcium, Hardness, Total, Mercury, Metals Group3, Metals Group4, Metals Group5 and Silica. This data package contains results for Metals Group3,Metals Group4,Metals Group5.

C. Analytical Techniques:
The analysis and digestion of Metals Group3,Metals Group4,Metals Group5 was based on 200.7 and The analysis and digestion of Metals Group3,Metals Group4,Metals Group5 was based on 200.8.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample PT-TM1-WP was diluted due to high concentrations for Vanadium & Sample PT-SNTI-WP was diluted due to high concentrations for Tin.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:
Internal Standard 45Sc(1) is out side of qc limit for samples Q1503-06, so for this sample affected parameters were reported from 2X dilutions.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____