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CASE NARRATIVE

Vartan Manufacturing Corp.

Project Name: Semi Annual 2025

Project # N/A

Order ID # Q3642

Test Name: Mercury, Metals ICP-Group1, Cyanide

A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-Group1, Cyanide. This data package contains results for Mercury(245.1), Metals ICP-Group1(200.7), Cyanide(SM4500-CN C,E).

C. Analytical Techniques:

Wetchem : The analysis of Cyanide was based on method SM4500-CN C,E.

Metals: The analysis and digestion of Metals ICP-Group1 was based on 200.7 and The analysis and digestion of Mercury was based on 245.1.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Matrix Spike (EFFLUENT-DAY-1-METALSMS) analysis met criteria for all samples except for Copper, Silver, Zinc due to Chemical Interference during Digestion process.

The Matrix Spike Duplicate (EFFLUENT-DAY-1-METALSMSD) analysis met criteria for all samples except for Copper, Silver, Zinc due to Chemical Interference during Digestion process.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all samples.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The temperature of the samples at the time of receipt was 10.2°C.

The Post Digest Spike (EFFLUENT-DAY-1-METALSA) analysis met criteria for all compounds except for Silver, Zinc due to unknown chemical interference of matrix with



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the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

As per special requirement for this project form-1 are reported in mg/l.
LLCCV & LLICV are not required for 200.7 method.

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_____