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CASE NARRATIVE

METEM A GE POWER Business

Project Name: Parsippany Wastewater Quarterly 2025

Project # N/A

Order ID # Q2485

Test Name: Metals Group5

A. Number of Samples and Date of Receipt:

1 Water sample was received on 07/01/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, Field pH and Metals Group5. This data package contains results for Metals Group5.

C. Analytical Techniques:

The analysis and digestion of Metals Group5 was based on method 200.7.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate (WASTEWATER Q3DUP) analysis met criteria for all compounds except for Zinc due to sample matrix interference.

The Matrix Spike (WASTEWATER Q3MS) analysis met criteria for all compounds except for Cadmium, Chromium, Copper, Lead, Silver, Zinc due to unknown interference during digestion with sample matrix.

The Matrix Spike Duplicate (WASTEWATER Q3MSD) analysis met criteria for all compounds except for Cadmium, Chromium, Copper, Lead, Nickel, Silver, Zinc due to unknown interference during digestion with sample matrix.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The Post Digest Spike (WASTEWATER Q3A) analysis met criteria for all compounds except for Cadmium, Chromium, Copper, Lead, Nickel, Silver and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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_____