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CASE NARRATIVE

VERINA CONSULTING GROUP, LLC

Project Name: Rotor Clip NJ WTD - 2025

Project # N/A

Order ID # Q3785

Test Name: Metals Group5, Ammonia, BOD5, COD, Cyanide, Oil and Grease, Residual Chlorine, TSS

A. Number of Samples and Date of Receipt:

4 Water samples were received on 12/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group5, Ammonia, BOD5, COD, Cyanide, Oil and Grease, Residual Chlorine, TSS. This data package contains results for Metals Group5(6010D), Ammonia(SM4500-NH3), BOD5(SM5210 B), COD(SM5220 D), Cyanide(9012B), Oil and Grease(1664A), Residual Chlorine(SM4500 Cl G), TSS(SM2540 D).

C. Analytical Techniques:

Metals Group5 : The analysis of Metals Group5 was based on method 6010D and digestion based on method 3010 (waters).

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Cyanide was based on method 9012B, The analysis of TSS was based on method SM2540 D, The analysis of Residual Chlorine was based on method SM4500 Cl G, The analysis of Ammonia was based on method SM4500-NH3, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following Wetchem : WATER-TREATMENT DISCHARGE of Residual Chlorine as samples were received out of holding time.

The MS recoveries met the requirements for all compounds except following Metals Group5 : The Matrix Spike (MC0KG1MS) analysis met criteria for all compounds except for Cadmium and Silver due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following Metals Group5 : The Matrix Spike Duplicate (MC0KG1MSD) analysis met criteria for all compounds except for Cadmium and Silver due to Chemical Interference during Digestion process.



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The Blank Spike 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 compounds.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Metals Group5 : The Post Digest Spike (MC0KG1A) analysis met criteria for all compounds except for Cadmium 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.

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_____