



September 3, 2020

Scott Reynolds
Indian River County Utilities
1801 27th Street
Vero Beach, FL 32960

RE: Pace Analytical Services (PAS) Project 35573708-001 & 35573712-002: West Regional WWTP 082720 & South County WWTP 082720

Dear Mr. Reynolds,

The purpose of this letter is to provide a narrative for the Fecal Coliform results reported for the above referenced samples. The samples were prepared on August 27th, 2020 following Standard Methods 9222D. The reported result for 35573708-001 was 6.0 CFU/100 mL and for 35573712-002 was 2.0 CFU/100 mL. The initial method blank for the filtration batch was also reported with a result of 1.0 CFU/100 mL. The results were "V" qualified due to the presence of Fecal Coliforms in both the samples as well as the associated method blank. Upon client request, the laboratory reviewed the raw data for errors. Below is a summary of that review.

- All required quality control checks were performed and met method acceptance criteria.
- All other samples in the batch matched their respective historical data.
- There was no evidence in the raw data to indicate any anomalies during the analytical process.
- There were no changes made to the procedure during the time frame in which the samples were analyzed.
- All scientists performing this method were following the Standard Operating Procedure for Fecal Coliforms by Membrane Filtration.

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The reported results of 6.0 CFU/100 mL and 2.0 CFU/100 mL appear to be outliers based upon historical data for the associated plants. The presence of Fecal Coliforms in the samples, in conjunction with positive growth in the method blank, have led us to the conclusion that the results are an anomaly most likely attributed to laboratory error. As such, the results reported on September 2nd, 2020 should be considered invalid.

If I can be of any further assistance, or if you have any further concerns or questions, please do not hesitate to contact me or your Project Manager.

Warm regards,

A handwritten signature in black ink, appearing to read "Eric Battista".

Eric Battista
Quality Manager

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