From: Kara Peterson
To: DEP-Overflowmicro
Subject: RE: BenchmarkEA: S19040365 RQ-2019-04-08-33
Date: Friday, May 3, 2019 11:13:25 AM

This was the following statement I received from Melinda, our Lab Manager that had analyzed the samples at our South Lab:

We ran 3 dilutions (1 mL, 10 mL, and 50 mL) for the sample. There were 0 colonies on the 1 mL, 0 colonies on the 10 mL, and 3 colonies on the 50 mL. As per the instruction sheet from FDEP, I used the sum of all the dilutions to calculate the final result. So 3 colonies x 100/61 mL had an answer of 4.92 rounded to 5 cfu/100mL. The Dilution Factor was 100/61 mL with an answer of 1.64 rounded to a dilution factor of 2. Do I need to change anything? The colony count of 3 on a 50 mL dilution would have a result of 6 cfu/100mL which I guess would be more logical with a dilution factor of 2.

Please let me know if she needs to issue a revised report. I do not have access to create/revise South Lab reports, I just upload the EDD's from those to send along.

Thanks,

Kara Peterson
Quality Assurance Officer
Benchmark EnviroAnalytical, Inc.
1711 12th Street East
Palmetto, FL 34221
(941) 723-9986

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-----Original Message-----
From: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Sent: Friday, May 03, 2019 10:33 AM
To: Kara Peterson <kara.peterson@benchmarkea.net>
Subject: RE: BenchmarkEA: S19040365 RQ-2019-04-08-33

Hey Kara,

On this report, for the fecal coliform result for field ID G3SD0072 Trailer Park Canal, how is the result 5 with a dilution factor of 2. Wouldn't that equate to 2.5 colonies counted?

Thank you!

Kara

-----Original Message-----
From: Kara Peterson <kara.peterson@benchmarkea.net>
Sent: Wednesday, April 24, 2019 4:25 PM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: BenchmarkEA: S19040365 RQ-2019-04-08-33

Please find the attached analytical report and spreadsheets:

S19040365 RQ-2019-04-08-33

Should you have any questions or concerns, please feel free to contact us Monday through Friday 8:30am to 5:00pm.

Thank you,

Kara Peterson
Quality Assurance Officer
Benchmark EnviroAnalytical, Inc.
1711 12th Street East
Palmetto, FL 34221
(941) 723-9986

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