From:	Kara Peterson
To:	DEP-Overflowmicro
Subject:	RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised
Date:	Monday, May 13, 2019 3:44:30 PM

OK sounds good. Let me create a report and spreadsheet for you reflective of those changes.
It is different from our usual procedures and I'm still pretty unseasoned with it, so thank you so much for being so helpful and understanding. I'm confident that moving forward this helps us tremendously with understanding the process involved in reporting out your samples.

Thank you!!
Kara Peterson

-----Original Message-----
From: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Sent: Monday, May 13, 2019 3:05 PM
To: Kara Peterson <kara.peterson@benchmarkea.net>
Subject: RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

Yes. That sounds correct to me. I'm sorry all this stuff is so technical! It's hard to explain it properly through email. But yes, I think we got this right now!

Thank you for being so responsive!

Kara

-----Original Message-----
From: Kara Peterson <kara.peterson@benchmarkea.net>
Sent: Monday, May 13, 2019 2:00 PM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

Okay.
Whew. I get that now (finally, I know); I just want to triple check the correct reported result before I make this revision for you:
Since the LR count is technically higher (10B with an mdl of 10), that is what we should be revising our report to with a comment of "replicate result reported; dilution series yielded a result of 5B based on 3 dilutions"

So close to getting this sorted out!

-----Original Message-----
From: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Sent: Monday, May 13, 2019 1:17 PM
To: Kara Peterson <kara.peterson@benchmarkea.net>
Subject: RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

Yes, even though there was a count on the 10mL LR, you would keep the 0 count 10mL plate in the dilution series.

That quote about reporting out whatever result is higher and commenting the lower result is speaking to the two final results. 1- the result from the dilution series and 2- the result from the LR. The replicate should just always be

treated as a totally unique sample which is kind of weird because in terms of running the plates, the analyses seems quite the same but one of the replicates is technically part of the dilution series.

In the process of thinking about this more, I also realized that of the two results here; 1- the result of the dilution series (3 x 100)/61= 4.9 (5) and the result of the LR (1 x 100)/10= 10. The LR would actually be higher so that is what we would report out.

I would also like to add that you guys can report out either result. We just like to know that results are being reported consistently.

Hope that makes sense. It's hard to write out calculations.

Thanks!

Kara

-----Original Message-----
From: Kara Peterson <kara.peterson@benchmarkea.net>
Sent: Monday, May 13, 2019 10:03 AM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

I'm sorry, I'm trying so hard to understand this in comparison to the informational packet given regarding reporting for DEP.
So even though the LR (1 count) had a higher number than the dilution it replicated (0 count), we should be reporting the 0 because it's technically part of the dilution series?
I'm just caught up with the phrase from one of the previous email threads regarding this question:
" Our own lab would report out whatever result was higher...then make a comment saying what the other result was".

In this scenario should we make a corrected report to have a result of 5B with a comment stating a LR (10mL) had a count of 1?

Again, our sincere apologies, trying to get this right in case this scenario pops up in future samples!

Thank you,
Kara

-----Original Message-----
From: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Sent: Monday, May 13, 2019 8:44 AM
To: Kara Peterson <kara.peterson@benchmarkea.net>; Ashton, Judy <Judy.Ashton@dep.state.fl.us>; DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RE: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

Thanks Kara. So for the final calculation, I think it should be (3 x 100)/61= 4.9 (5). I see where the dilution factor changed to exclude the LR, but I think the count from the LR plate may still be making it's way into the result calculation. Let me know what you think.

Thanks!

Kara

-----Original Message-----

From: Kara Peterson <kara.peterson@benchmarkea.net>
Sent: Friday, May 10, 2019 2:41 PM
To: Ashton, Judy <Judy.Ashton@dep.state.fl.us>; DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: BenchmarkEA: 19041339_20190429 Revised, 19041339 RQ-2019-04-22-05 REVISED, 19041339_20190429 Revised

Please find the attached REVISED** analytical report and spreadsheest:

19041339_20190429 Revised
19041339 RQ-2019-04-22-05 REVISED
19041339_20190429 Revised

** The following revisions were made:

19041339-005 Fecal coliform result was changed to account for a total volume of 61mL (changed from 71mL)
19041339-005 Fecal coliform MDL was changed to reflect the total volume revision
The spreadsheets for 19041339 were updated to show the change in diltion/mdl/pql

Our apologies for the misunderstanding in reporting with a Laboratory Replicate count, 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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[Dep Customer Survey]<http://survey.dep.state.fl.us/?refemail=DEP-Overflowmicro@dep.state.fl.us>
[Dep Customer Survey]<http://survey.dep.state.fl.us/?refemail=DEP-Overflowmicro@dep.state.fl.us>