Message

From: Lazos, Pamela [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=15D4F11C6327474BB424A24CBD406E93-PLAZOS]
Sent: 9/15/2021 7:12:53 PM
To: Maslowski, Steven [Maslowski.Steven@epa.gov]
Subject: RE: CRW - Follow-Up Steps
Attachments: Total Suspended Solids.docx

Does this work?

From: Maslowski, Steven <Maslowski.Steven@epa.gov>
Sent: Thursday, September 09, 2021 10:54 AM
To: Lazos, Pamela <Lazos.Pamela@epa.gov>
Subject: RE: CRW - Follow-Up Steps

Ok, edit the words solid funk out for something more appropriate like yucky poop. BTW, I am listing to solid funk on YouTube. ☺

Steve Maslowski
NPDES Section
EPA Region III
215-814-2371

From: Lazos, Pamela <Lazos.Pamela@epa.gov>
Sent: Thursday, September 09, 2021 10:49 AM
To: Maslowski, Steven <Maslowski.Steven@epa.gov>
Subject: RE: CRW - Follow-Up Steps

Solid Funk!: https://youtu.be/d1MY0QKwCsA

From: Maslowski, Steven <Maslowski.Steven@epa.gov>
Sent: Thursday, September 09, 2021 10:47 AM
To: Ahearn, Devon (ENRD) <Devon.Ahearn@usdoj.gov>; Kardeman, Lianna <Kardeman.Lianna@epa.gov>; Lazos, Pamela <Lazos.Pamela@epa.gov>; Levine, Bradley (ENRD) <Bradley.Levine@usdoj.gov>; Nanda, Sushila <Nanda.Sushila@epa.gov>; Tom Rowlett <tom.rowlett@pgenv.com>; Dawn Herb <dherb@pa.gov>; Janna Williams <jannwillia@pa.gov>; Maria Bebenek <mbebenek@pa.gov>; Victor Landis <vlandis@pa.gov>
Subject: RE: CRW - Follow-Up Steps

Here are two paragraphs on TSS and sediments. BTW a hydrologist is the study of **how water moves across and through the Earth's crust**. A more appropriate title of someone who deals with chemical parameters in streams is an aquatic chemist.

Total Suspended Solids (TSS) is a simple laboratory measurement and is the most common CSO overflow parameters. TSS is a measure of any solids that are suspended in the water column which can include sand, silt, leaves, algae, and other solid funk like pieces of toilet paper and organic matter. TSS is the most straight forward way to evaluate solids coming from a WWTP or CSO. In other words, if the TSS measurements are high it indicates the amount of waste in the receiving stream. Normally waters that have high TSS (usually during wet weather) will have siltation issues when the TSS settles out.

Sediment and TSS are related but different. Sediment is any material that accumulates on a stream bottom and is normally sand, gravel and silt. States like Pennsylvania will list streams as impaired due to siltation when there are excess streambed sediments (like Paxton Creek). Sediments is a primary a stormwater pollution parameter and is inorganic. Also, sediments tend to settle out and float to the bottom of the stream. As where TSS tends to remain in the water column for longer period. Sedimentation issues are occuring in the receiving waters due to upstream stormwater sources. Upstream MS4s are likely a big source of siltation.

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From: Ahearn, Devon (ENRD) <Devon.Ahearn@usdoj.gov>
Sent: Wednesday, September 08, 2021 11:04 PM
To: Kardeman, Lianna <Kardeman.Lianna@epa.gov>; Lazos, Pamela <Lazos.Pamela@epa.gov>; Levine, Bradley (ENRD) <Bradley.Levine@usdoj.gov>; Maslowski, Steven <Maslowski.Steven@epa.gov>; Nanda, Sushila <Nanda.Sushila@epa.gov>; Tom Rowlett <tom.rowlett@pgenv.com>; Dawn Herb <dherb@pa.gov>; Janna Williams <jannwillia@pa.gov>; Maria Bebenek <mbebenek@pa.gov>; Victor Landis <vlandis@pa.gov>
Subject: CRW - Follow-Up Steps

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Hi all,

As we discussed during our team call last week, I've compiled a couple of to-do lists for your review. Please let me know if I'm missing anything:

CRW's To-Dos (I will email this list to Fred):

Ex. 5 Deliberative Process (DP)

I will also set up a call with Fred to discuss the following issues:

Ex. 5 Deliberative Process (DP)

Finally, we have a few tasks in our court. In addition to minor edits to the CD, which I will implement, we need to develop the following items. I can then reach out to Fred about them:

Task	Status

Ex. 5 Deliberative Process (DP)

Please let me know if you have any questions or would like to discuss.

Thanks,
Devon

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