



Wastewater Treatment Workgroup Conference Call

Tuesday December 6th, 2011 1:00 PM- 3:00 PM

Conference Line: 866.299.3188 code: 517.628.4390

Adobe Connect:

http://chesapeake1.na4.acrobat.com/wastewater_conf_call/

1:00 PM **Welcome and Introductions** Spano

1:10 PM **Septic BMP Review Process** Sievers

Mark Sievers of TetraTech will brief the workgroup on the process that will be used to review the septic practices formerly provided by jurisdictions and the plan moving forward. The workgroup will be asked to provide feedback on this proposed process. Tetra Tech will coordinate with the workgroup to convene an expert review panel to develop recommendations of BMP definitions and effectiveness values for approval as required under the BMP Protocol Process. Each jurisdiction will also be asked to review the expert candidate list proposed by Tetra Tech and nominate one or two state representatives from each state to be on the panel to assist with these efforts.

Action Requested: Respond to proposed process, review the proposed expert list and approve the panel member list.

1:55 PM **TetraTech Data Reporting System Update** Hurd

Marty Hurd is working on a CBP project to develop a computer system to update and standardize the methods used to report, review, and confirm point source data throughout CBP applications and analyses. He presented the proposal to the workgroup in October and again in November. Marty will provide us an update of his progress and ask for any feedback he may need at the time of the call.

Action Requested: Provide feedback to updated proposal.

2:20 PM **Supplemental Indicator using Flow-adjusted Information** MD

The States are asked to indicate interested in:

- 1) Adding a supplemental indicator that uses flow-adjusted wastewater information in the 2011 progress run (and therefore, for use in the milestone analysis and the Bay Barometer. The October discussion was focused on the milestones, but MD is interested in this for the Bay Barometer as well); and
- 2) If yes, a defensible method for calculating this flow adjustment.

Some considerations that have been flagged as needing to be addressed when we develop a methodology are:

- What would the average period be? 1991 - 2000? 1985-2005? Rolling average of previous 5 years' wastewater flow
- How would growth be taking into consideration? For other sources, we evaluate past trends and extrapolate forward land use changes, animal populations, # of

septic systems, etc. We don't have a method to do this for WWTP. Just using historic loads would ignore the growth in this sector due to 1) more population; and 2) septic systems that are taken offline and hooked into septic. At the same time, it's not an easy extrapolation since upgrades prevent linear wastewater trends.

- WWTP operators run their plant to meet their permit limit, which is concentration * flow. If there's a low-flow year, they may save energy (and therefore money) by scaling back ENR so that they are not treating wastewater to as low a concentration b/c they know that they are still below the permit limit. Similarly, infiltration and inflow (I&I) may dilute influent and, therefore, effluent concentrations. The exception is large storm events like Tropical Storm Lee that "blow out" (e.g., overwhelm) a plant's BNR and ENR system, so the plant switches back to secondary treatment
- What are the impacts of reducing I/I having on WWTPs' influent flows and loading concentrations; and therefore on their effective treatment capabilities?

Action Requested: The group is asked to consider the above considerations, and others posed during the presentation and provide responses.

2:50 PM	Other Updates	Open to Workgroup
3:00 PM	Meeting Adjourned	Spano