



5 MINUTE BREAK





That's a Wrap!

Stewart Comstock, PE
Program Review Division

Any Questions?
(that weren't answered earlier)



We had some questions for you last time:

- **What is the best way for MDE to notify you of new design guidelines?**
- **What does climate change mean for small pond design? Should we be using different design criteria?**
- **What about urban flooding and stormwater conveyance issues? Should we be sizing our stormwater conveyance systems for a different storm event?**
- **How do we address runoff from short duration, high intensity storms that may only produce 2 to 3 inches of rain?**
- **Do you have any suggested criteria for weir wall design?**
- **Do you have any suggested criteria for ESD practice embankments?**



We had some questions for you last time:

- **How can we make this forum more interactive?**
- **Are you interested in participating in developing guidance documents?**
- **What do you need from the Department?**
- **Are there topics of concern that you would like to see discussed?**
- **Is anyone documenting small pond failures?**
- **Do we know how many small ponds fail each year in Maryland?**
- **Do we know why these failure occurred?**
- **What is the status of the condition of the small ponds in your local jurisdiction?**
- **How can we reduce the potential for failure?**



But Wait! We have more questions for you:

- Do you have a watershed map showing where quantity management (e.g., 10 yr., 100 yr.) is required? We are developing a statewide map and need your info.
- Does your inspection staff get routine training in confined space entry, fall protection, or other safety concerns?
- What should we do to resolve inconsistencies between local and State requirements?
- With climate change and the increase of short duration, high intensity storms (e.g., microbursts), is 3600 cf/ac still the appropriate design criteria for a sediment trap/basin?
- Are downstream flooding and channel erosion concerns during construction? And, if so, what should be the criteria for design?
- What does your jurisdiction do to prevent sediment basins that should be designed and constructed in accordance with MD378 but are not from becoming permanent practices?
- What is the airspeed velocity of an unladen swallow?



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NEXT STEPS



The “What’s in Your Pond?” webinars are:

- A “triennial review” of stormwater management programs statewide;
- The first step in a multi-year effort to revisit Maryland’s dam safety and stormwater management regulations;
- A valued exchange of information and ideas...a modern equivalent of the Stormwater Management Regulations Committee (1995)
- If you have not completed the survey that was sent out separately, please do so. The information provided is important as it is being used to help direct next steps



Stormwater Triennial Reviews

- **At last count, we have 14 counties and Baltimore City that have registered for these webinars; we also have 15 counties (incl. Baltimore City) that have responded to the survey;**
- **We will continue to reach out to those missing jurisdictions; if you know someone who should be here but isn't, or if you did not receive the survey, please let us know in the chat now or by emailing me...
(stewart.comstock@maryland.gov)**
- **But if you really want us to visit...**





What's in Your Pond?
Technical Issues

Issues & Some Solutions

November 18th 9:00 AM – 12:00 PM



Your Participation is Important:

- **Our forum for discussing trends, common issues, and new concerns (e.g., climate change);**
- **An ongoing process to communicate and provide training and outreach; and**
- **Your opportunity to participate in the development of the next generation stormwater management and dam safety programs.**

If you have not signed up for the next webinar on November 18th, please do so...



We Are Listening....

- The agenda for the next webinar is being modified to address issues you raised in the previous webinar...
 - Construction Specifications
 - Maintenance Concerns
- We will be sending an updated agenda after this session.



A Few Items in Closing...

A link to your certificate will be available at the end of each session. You have to be both registered and here for the entire program to get CEUs for today.

- A link has been posted in Chat for feedback and certificates.**
- We will it open for 15 minutes past the end of the program.**
- This link will take you to an evaluation of the session and once completed you will receive an email with your certificate.**
- Certificates will NOT be available after today's session**

PDFs of each Powerpoint will be sent out after the last webinar.



What's in Your Pond?



What You See is What You Get!

A link to your certificate is available now in “Chat”





ANY LAST MINUTE QUESTIONS?





Thank You!

And again, a big
THANK YOU!
to Karen Brandt
and her staff at MCET
for all of the help and support!

