

CBG Meeting on Stream Health Zoom Chat Download  
9/10/2022

From Liz Bastos to Everyone 08:44 AM

there is no sound

yes

From Lana to Everyone 08:53 AM

yes, i can see the presentation

From Me to Everyone 08:53 AM

Great, thank you

From Lana to Me (Direct Message) 09:22 AM

Is there a way for those of us on zoom to see the agenda?

From Me to Everyone 09:35 AM

We are working to get the Agenda to you. Thank you.

From James Huddle to Everyone 09:47 AM

zoom participants are looking at slide #1

From Amanda Dolasinski to Everyone 09:47 AM

Workshop agenda: [https://www.alexandriava.gov/sites/default/files/2022-09/COACBGParticipantsAgenda07\\_Sep2022.pdf](https://www.alexandriava.gov/sites/default/files/2022-09/COACBGParticipantsAgenda07_Sep2022.pdf)

From James Huddle to Everyone 09:48 AM

Thank you!

From Me to Everyone 09:50 AM

do you still see slide 1?

From James Huddle to Everyone 09:53 AM

No - back to the panning shot. No slides at all.

From Me to Everyone 09:53 AM

There is no presentation at this time.

From James Huddle to Everyone 09:54 AM

ok

From Me to Everyone 09:57 AM

I appreciate you letting me know, James!

From James Huddle to Everyone 09:57 AM

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;-)

From James Huddle to Everyone 10:19 AM

Here's a question: Why not just type feedback/questions into the zoom chat area?

From Me to Everyone 10:21 AM

The Zoom participants may use this chat, yes.

Brief break now, will return at 10:25.

From James Huddle to Everyone 10:21 AM

!

From Andrew Macdonald to Everyone 10:58 AM

"A thing is right when it tends to preserve the integrity, stability and beauty of the biotic community. It is wrong when it tends otherwise." Aldo Leopold, A Sand County Almanac

From James Huddle to Everyone 11:11 AM

Can handouts be emailed to Zoom participants?

From Kathleen Kust to Everyone 11:11 AM

or linked into the chat?

From Me to Everyone 11:12 AM

We will post the slides and the Zoom Recording online, yes.

From Kathleen Kust to Everyone 12:00 PM

Please unmute if you want the zoom attendees to hear!

From Me to Everyone 12:00 PM

Thank you, the presentation will start momentarily.

From Amanda Dolasinski to Everyone 12:06 PM

Taylor Run Bioengineering Part 1: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Bioengineering-1.pdf>

Taylor Run Bioengineering Part 2: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Bioengineering-2.pdf>

Taylor Run Bioengineering Part 3: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Bioengineering-3-5.pdf>

Taylor Run Hard Armoring Part 1: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Hard%20Armoring-1-2.pdf>

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Taylor Run Hard Armoring Part 2: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Hard%20Armoring-3-5.pdf>

Taylor Run Minimal Impact Part 1: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Minimal-1-2.pdf>

Taylor Run Minimal Impact Part 2: <https://www.alexandriava.gov/sites/default/files/2022-09/Taylor%20Run%20-%20Minimal-3-5.pdf>

Strawberry Run Bioengineering: <https://www.alexandriava.gov/sites/default/files/2022-09/Strawberry%20-%20Bioengineering.pdf>

From Amanda Dolasinski to Everyone 12:07 PM

Strawberry Run Hard Armoring: <https://www.alexandriava.gov/sites/default/files/2022-09/Strawberry%20-%20Hard%20Armoring.pdf>

Strawberry Run Minimal Impact: <https://www.alexandriava.gov/sites/default/files/2022-09/Strawberry%20-%20Minimal.pdf>

All PDFs are posted as links at the bottom of this website: <https://www.alexandriava.gov/stormwater-management/stream-health-improvement-community-collaboration>

From Me to Everyone 12:34 PM

Taking a break for lunch.

1:05 returning

From Anne Peterson to Everyone 12:38 PM

Why is it that consultants like this frame minimal intervention as nothing more than a bandaid? Its because they earn billions destroying streams to meet permit goals that are not based on good science.

The goals of these permitted projects ignore ecological impacts.

From James Huddle to Everyone 12:59 PM

Seeing as all of the solutions (including "Minimal Impact") have a "Riprap Plunge Pool", why is the only example of a riprap plunge pool from Minnesota, one of the flattest states in the union? Can we see a success story of a riprap plunge pool closer to home?

Say it fast: Riprap Plunge Pool!

From Andrew Macdonald to Everyone 01:36 PM

The larger problem here is that stream restoration projects of the types funded by state grants is considered to be an effective BMP to reduce nutrients that harm the Bay. There is no real scientific basis for this conclusion. There are few if any studies showing how NCD reduces pollution. What few exist show that pollution often increases.

riparian forests are much better BMPs then stream restoration projects involving NCD techniques

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Yet NCD projects result in the loss of riparian biodiversity and benefits

From Me to Everyone 01:48 PM

Thanks for the comments in the chat, we will capture them.

From Andrew Macdonald to Everyone 01:56 PM

The City engineer appears not to have heard a thing John Field said about erosion, etc. It's all fear mongering for the most part.

erosion

Will Zoom folks have an opportunity to speak today?

From Me to Everyone 02:04 PM

2:45 will come back to room

From James Huddle to Everyone 02:04 PM

Can you mute so zoom folks can "fake break out"?

From Me to Everyone 02:05 PM

We are not taking 'speakers' but 'comment cards' - if you have a comment, please share it on this chat function. Does that work OK?

This is based on IeN's format.

Yes, I do have a link to the Zoom for Strawberry. Stay in this Zoom for Taylor.

From Andrew Macdonald to Everyone 02:05 PM

No, but I have no choice but to accept that is the format today.

From Me to Everyone 02:07 PM

The Strawberry run zoom is here: <https://apps.alexandriava.gov/Calendar/Detail.aspx?si=47845>

From Me to Everyone 02:12 PM

The Strawberry Room is now open.

From James Huddle to Everyone 02:13 PM

will 30 minutes be enough to finish the rules part?

From Me to Everyone 02:14 PM

Hi Andrew, Would you like to talk in the Taylor or Strawberry Room?

We can see you in the "room". If you want to turn on your camera's you are welcome to.

This is for everyone still on! Thank you!

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We can also hear you when you unmute.

From James Huddle to Everyone 02:15 PM

2

From Me to Everyone 02:19 PM

If you have a question or comment, you can raise your hand

From James Huddle to Everyone 02:32 PM

upstream BMP's, including new, creative solutions, seem to be the major need here, Measures to protect our streams and natural areas follow.

3

Tree protection -3

we are not focusing on finding solutions to the problem, which is the damaging effects of too great a volume of sde

"the damaging effects of too great a volume and force of stormwater runoff."

When the church gained permission to expand their parking

permission to expand their parking lot, the undermining of their san. sewer line increased exponentially. retrofitting this parking lot is a starting point to remediating the increased negative effects.

From James Huddle to Everyone 02:44 PM

The City m

The City does need to expand the scope to the entire City, and study how we can conserve our streams through a variety of BMPs.

Watershed Jima and I vote 3

Innovative solutions that cumulatively work together 3

From Andrew Macdonald to Everyone 02:45 PM

Comment from Andrew Macdonald

The bigger problem is that stream restoration is still seen to be a quick effective BMP fix for Bay TMDL goals by regulators. The fact that there is no evidence that it reduces nutrient pollution is ignored. Impacts to riparian ecosystems are not mitigated at all and loss is accepted/not measured.

The grants that the City received in 2007 were based on flawed nutrient reduction models and bad science. These grants need to be returned to Virginia. Riparian forests in contrast are effective natural BMPs and should be preserved and protected, not bulldozed. These grants support their destruction.

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Groups like AEOCOM are selling snake oil based on a regulatory process that needs to be changed. They suggested that minimal fixes so to speak are ineffective bandaids. In fact, the solutions they call long term fixes, degrade the natural functioning of the streams even more and have zero pollution reduction benefit. If we use the surgical analogy, companies that promote NCD practices for urban streams like those in N VA should be sued for ecological malpractice.

From James Huddle to Everyone 02:45 PM

Most of the impacts are delivered through our storm sewers to the streams, having been speeded up and not reduced in volume to a great extent.

From Andrew Macdonald to Everyone 02:46 PM

A great deal of the NCD tools used by AEOCOM and others are based on restoring trout streams out west. They have taken these techniques and applied them to urban streams using models that are not based on local conditions etc or any post stream restoration pollution load studies. No one bothers to determine whether they work as promised in these grants ---though there is plenty of visual evidence that they do not and some actual studies that also support this view.

From James Huddle to Everyone 02:46 PM

So BMPs have to be supplemented by changes in our runoff conveyance.

From Andrew Macdonald to Everyone 02:47 PM

We need to stop treating these streams as BMPs to reduce stormwater pollution. The problem is upstream development – a lot of which is old and not treated by modern BMPs.

I find it appalling that the City insists still on restoring Lucky Run using the same techniques that so clearly will harm Taylor and Strawberry. Lucky Run harbors lots of biodiversity that we need to preserve and protect as well.

I think the fact that the City's expert on the city's biodiversity – that is Rod Simmons – has not been able to speak as an employee of the City. What does it say about Alexandria that it won't utilize the expertise of someone who has spent decades trying to protect, preserve and assess the city's dwindling biodiversity?

I had the impression that the City engineer doesn't understand fluvial processes at all. The public safety issues are red herrings by and large.

We need to address these issues on a watershed scale. Stream restoration should be minimally invasive and not result in a loss of biodiversity or ecological function.

AHM

From James Huddle to Everyone 02:47 PM

I agree with everything Andrew said.

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From Anne Peterson to Me (Direct Message) 02:52 PM

Hi Jessica,

Me to Anne Peterson (Direct Message) 02:53 PM

Hi Anne - I'm screen sharing with the Taylor Run room. Do you have a comment? Thank you.

From Anne Peterson to Me (Direct Message) 02:53 PM

Hi Jessica, Thanks for the message and offer. I think I will simply add my comments here in the Chat section today

From Andrew Macdonald to Me (Direct Message) 02:54 PM

Hi Jessic,

Me to Anne Peterson (Direct Message) 02:55 PM

Hi Andrew, Thank you for attending virtually. I'm screen sharing with the Taylor Run room. Do you have a comment for the room? Thank you!

Me to Andrew Macdonald (Direct Message) 02:55 PM

Hi Andrew, Thank you for attending virtually. I'm screen sharing with the Taylor Run room. Do you have a comment for the room? Thank you!

From Andrew Macdonald to Me (Direct Message) 02:56 PM

Thank you for the offer. I have added my comments in the chat section.

From Me to Everyone 02:57 PM

I did capture those, thank you!

Comments in the chat will be shared with IeN. Thank you!

From James Huddle to Everyone 02:57 PM

Many, many thanks!

From Me to Everyone 02:57 PM

I will un mute once we get back together.

From Andrew Macdonald to Me (Direct Message) 03:01 PM

will be addressed over time.

IEN