

Meeting Minutes
Thursday, August 25, 2020
Point Source Nutrient Reductions Review (PSNR Review)

Work Group (WG)
Electronic-only Meeting on GoToWebinar

Members Present: Ted Henifin, Adrienne Kotula, Chris McDonald, Chris Pomeroy, Peggy Sanner, and Bill Street.

Members Absent: George Hayes.

Other Attendees: Scott Morris (alternate for George Hayes), Melanie Davenport, Drew Hammond, John Kennedy, Allan Brockenbrough, Gary Graham, Alison Thompson, James Martin, Clifton Bell, Jamie Brunkow, Pat Calvert, Tim Castillo, Patrick Fanning, KC Filippino, James Grandstaff, Steven Herzog, Whitney Katchmark, Anna Killius, Anthony Moore, Andrew Parker, Jim Pletl, Erin Reilly, Lisa Reynolds, Sandra Stuart, Gary Williams, Joe Wood, and Andrea Wortzel.

The meeting convened at 1:35 p.m. and adjourned at 3:10 p.m.

1. **Introductions and Meeting Logistics** [Allan Brockenbrough, DEQ]. Mr. Brockenbrough checked in the WG members, made sure they had good audio connections, introduced the on-line attendees that were present for the electronic meeting, and introduced the DEQ staff members attending. The Agenda (Attachment 1) had been provided to WG members for information before the meeting.
2. **Alternatives Discussion** [Allan Brockenbrough, DEQ]. Using Attachment 2, Mr. Brockenbrough presented the predicted Total Nitrogen (TN) and Total Phosphorous (TP) wasteloads in the James River Basin under the Floating Wasteload Allocation proposal and the VAMWA Hybrid proposals with and without the HRSD SWIFT upgrades and with and without HRSD Injection and then invited discussion of those alternatives from the WG members. (Refer to the recording for details of questions and discussions.)
3. **Estimating Costs** [Allan Brockenbrough, DEQ]. Using Attachment 2, Mr. Brockenbrough identified 14 facilities impacted by the >5MGD Floating WLA proposal, 9 of which have upgrades in progress with good estimates of capital costs. The capital costs for remaining 5 facilities depend on how the facilities choose to achieve compliance, estimated between \$10 million and \$110 million. Mr. Brockenbrough then opened the topic for discussion by the members. (Refer to the recording for details of questions and discussions.)
4. **Next Steps** [Allan Brockenbrough, DEQ]. Mr. Brockenbrough will work with VAMWA to quantify load reductions and costs for the other alternative proposed, specifically the VAMWA hybrid proposal. As far as the next meeting of the WG goes, DEQ is trying to get an additional electronic meeting license so that there will be more meeting opportunities in September. DEQ will propose additional meeting dates when more is known about the additional license.

The [recording of the meeting](#) is available for review on-line.

Attachments:

1. Meeting 1 Agenda
2. Alternatives Analysis 8-24-20

Attachment 1

Draft Agenda

Point Source Nutrient Reduction Review Work Group
Meeting No. 3 – August 25, 2020, 1:30 p.m.

1. Meeting Logistics
2. Introductions
3. Alternatives Discussion
4. Estimating Costs
5. Next Steps

Attachment 2

Alternatives Analysis 8-24-20

This file is too large to fit in the Minutes.
Please contact the following person for a copy of the file:

Gary Graham, DEQ Regulatory Analyst

gary.graham@deq.virginia.gov

(804) 698-4103