

DRAFT

Stream Restoration Workshop
The Practice, the Protocols, Permits and Verification

joint meeting of
Stream Health and Urban Stormwater Work Groups

Monday, June 4, 2018

Invites:

- Locals (Michelsen, Meyers, Burch)
- SHWG Permit Committee reps (includes locals/states/feds)
- States (Jeff White)
- EPA/COE/DNR
- Consultants (Panel -- JMT, McCormick Taylor, Stantec, Ecotone/Land Studies)
- Sadie Drescher (CBT) and Alana

Objectives and Outcomes:

- Provide a forum for practitioners, regulators and local governments to share technical resources, insights on best practices for siting and design, and real case studies where protocols are applied well
- Lay out the key technical and programmatic issues that need to be resolved to ensure high quality projects that produce reliable and verifiable pollutant reduction and biological uplift
- Reinforce the key qualifying conditions for stream restoration projects involved in TMDL implementation;
- Opportunities to provide incentives or other mechanisms for functional lift as part of TMDL credited projects
- Identify some of the emerging (and latent/persistent) permit issues that regulators should consider when reviewing these projects
- Discuss how stream restoration projects should be inspected/verified after permit conditions expire
- Create a small team to work on priority technical and policy issues and recommend solutions to the respective work groups

- Where consensus is achieved, or best practices defined, provide intensive outreach to practitioners, project sponsors and regulators via webcasts and dedicated resource website

What is not on the table for the workshop:

- Outfall retrofits are not part of the scope of this workshop (still needs approval by the two workgroups).
- No focus on several MD-specific issues like the IC treatment equivalency and SHA design build RFP, which are the appropriate purview of MDE/DNR.

Draft Agenda:

Introductory Remarks:

Norm/Neely (15 min)

- What each Work Group has done since the EPR was released
- Process for making BMP decisions within the CBP Partnership
- Decisions that are reserved by state and/or federal permitting agencies

Technical Issues with Crediting Protocols

Schueler. Moderator (60 min)

(Potential Panelists: JMT/MT/White, MDE/Stantec /Land Studies/LFM-CWP)

- More accurately defining non-conforming projects that cannot earn credit (extensive bank armoring)
- Unresolved Issues with Protocol 3 (Non-LSR floodplain reconnection projects) (JMT)
- Applying the protocols to LSR projects (LS)
- Protocol 1 Issues (field methods, regional BANCS curves, consistent use of soil P and bulk density values)

Post-Permit Inspection/Verification Panel (Visual Indicators) (45 min)

- CSN Proposal for Visual Indicators for Stream Restoration
- Audience Discussion

Working Lunch

(30 min)

Key Permitting Issues Panel Josh Burch/Matt Meyer of SHWG to Moderate (60 mins) Panel to Include Perspectives from Regulators/Practitioners

- Stream types that are appropriate for TMDL SR projects
- Pre-assessment of IBI in Project Reaches
- Stream types that are NOT appropriate for these projects
- SR applicability to stream impairment TMDLs (Meyers?)

Integrating Functional Uplift in TMDL Stream Restoration project (Neely Law and/or Rich Starr, Moderators (60 mins)

- Need a more specific minimum prescription of what to measure
- Local Case Studies Where Uplift is being Measured
- Key Permit Monitoring Conditions to Measure it

Next Steps and Action Items from Meeting (Someone) (30 min)