

MINUTES

Technical Advisory Committee Meeting No. 2

November 15, 2022, 1-2 PM

SAM Study: Evaluation of Stormwater BMPs Maintenance Conditions

Teams video call: [Click here to join the meeting](#)

Meeting ID: 221 178 133 716 Passcode: xn6WNV

Audio only: [+1 206-452-7011](#) United States, Seattle

Phone Conference ID: 114 266 90#

Attachment: Draft Questions for Ecology Interviews on the SWMMWW BMP Maintenance Tables

WELCOME, 5 minutes

Present:

- Don McQuilliams, Bellevue
- Scott McQuarry, Redmond
- Bonnie McLeod, Tacoma
- Leah Mukulsky, Woodinville
- Consultant: James Packman, Aspect

Useful links:

1. [NPDES Phase II Permit](#), see section S5.C.7. for Operations and Maintenance requirements for stormwater facilities
2. SWMMWW [Appendix V-A: BMP Maintenance Tables](#)
3. This [Study's webpage](#) on the SAM website

Not present: Ann Bustamante, Sumner

TASK 2: Survey of Municipal O&M Programs, 20 minutes

- Review key findings and results from survey (memo deliverable from 9/28/22)
 - Ponds, trenches, vaults, and tanks
- *Reviewed selected findings from survey:*
 - *Types of BMPs in use*
 - *Reasons for maintenance*
 - *Frequency of maintenance after inspection*
- *Discussion on what BMPs are included in vaults and tanks*

TASK 3: Literature Review of Published BMP Data, 15 minutes

- Summary of literature reviewed
- Database to compare maintenance criteria
- Draft technical memorandum: expected for TAC review in December-January
- *Reviewed purpose of task and what literature and data sources were searched*
 - *Most sources focused on water quality studies*
 - *Most productive source was Center for Watershed Protection Online Watershed Library*
 - *Municipal O&M guidance and standards*
- *Discussion of other potential sources of maintenance criteria information for proprietary BMPs:*
 - *Typically for vaults*
 - *TAPE program*
 - *Specific proprietary vendors, e.g., Contech, BayFilter, Stormceptor, etc.*

- *Maintenance procedures by authorized vendors*
- *Discussion of vegetation maintenance, inspection, and viability*
 - *how much of an invasive is tolerable*
 - *what vegetation coverage to target*

TASK 4: Draft Questions for Ecology Staff Interviews, 15 minutes

- *Purpose: interview Ecology engineers and permit writers to understand the background and basis for the maintenance conditions in the SWMMWW BMP Maintenance Tables (see link above)*
- Discussion of initial list of questions for Ecology staff interviews
- TAC review of interview questions, comments by Nov 23

- *Reviewed task purpose and scope*
- *Reviewed overall questions for all BMPs*
- *Other questions to consider:*
 - When did the BMP Maintenance Tables begin?*
 - *History of maintenance tables*
 - Redundancy: could tables be reorganized*
 - *General vs. specific?*
 - *Criteria or activity focus rather than BMP type focus*
 - Language*
 - *Tech talk vs plain language*
- *TAC to review and provide comments on other questions by Nov 23*

NEXT STEPS, 5 minutes

- Aspect
 - Draft tech memo of BMP O&M literature review, by Dec 12
 - Schedule Ecology interviews for February and March 2023 (via Brandi)
- TAC
 - Review draft Ecology interview questions (comments by Nov 23)
 - Review draft tech memo of BMP O&M literature review (review period: Dec 12-Jan 6)
 - In 2023: review draft tech memo of Ecology interviews (April-May)
- Next TAC meeting: May 2023