

Stormwater Work Group Meeting Agenda

Wednesday February 7, 2024

9:00 a.m. to 12:00 p.m.

[Join the Teams meeting here](#)

AGENDA SUMMARY

9:00 Welcome

9:15 Presentation of findings from the SAM mobile business project

9:45 Hear updates from PRO-C and SAM Projects

10:00 Break

10:10 Parter updates related to our work

10:30 Improving SWG member engagement

11:00 Break - Member engagement survey

11:15 2024-2025 SWG Work Plan

11:40 Debrief the SWG 6PPD Subgroup meeting

11:50 Additional updates related to our work

11:55 Wrap-up

12:00 Adjourn

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FULL AGENDA

9:00 Welcome (Don McQuilliams, SWG Chair)

- Welcome and review of the meeting's agenda and goals
- Participants drop in the chat their name and organization
- If you are not a designated SWG representative, please mute your microphone. There will be time for others to provide input at certain times during our meeting today as indicated in the agenda below.

9:15 Presentation of findings from SAM Mobile business stormwater source control and coordination project (Alison Schweitzer, King County and James Packman, Herrera Environmental Consultants)

- Project website: [Mobile business stormwater source control and coordination](#)

- This SAM study focused on creating and advancing resources for municipal stormwater permittees to address stormwater source control activities related to mobile businesses. Some mobile businesses have unique challenges related to pollution prevention due to their mobile nature and working at dispersed sites in multiple jurisdictions. The goal of the study is to provide analysis, tools, and resources to help permittees identify, inspect, and coordinate municipal source control activities.
- Final report: [Source Control and Mobile Businesses Pilot Program Report](#)

9:45 PRO-C and SAM Project Updates (Todd Hunsdorfer, PRO-C Chair)

- PRO-C met January 22, with no changes to membership, to discuss transition plans before Brandi's departure.
 - Chelsea Morris will be managing Brandi's 5 active contracts. Four are scheduled to be end in 2024.
 - Leslie Connelly will manage fiscal responsibilities in the interim.
 - Chelsea is working on the next SAM Booklet, the culmination of the 2019-2024 permit cycle studies.
- Updates on new projects
 - Drafting statements of work for 4 projects: Street Sweeping Loading Evaluation, Full Scale Testing of HPBSM, CEC monitoring, and Permeable Pavement.
- Updates from Effectiveness Studies and Source ID projects
 - Today we heard from the Mobile business projects, in the future we'll hear about roadside ditch maintenance, infiltration performance at our oldest bioretention facilities, and the effectiveness of small urban trees in mitigating stormwater runoff.
 - WSU's Business Source Control Inspection and Training contract was completed and closed returning \$5587.35 to SAM's account.
 - Other SAM projects also have notable project scope and schedule changes.
- Updates from Receiving Water Studies
 - WDFW initiated their fifth monitoring survey with SAM by deploying caged mussels at 33 sites. They are expected to present findings from their fourth survey in May. [Puget Sound nearshore project website.](#)
 - Clark County completed a status report of Lower Columbia Urban Streams for Water Year 2022. We are working with them to extend their contract to continue monitoring into the next permit cycle. [Lower Columbia urban streams project website.](#)

- USGS is expected to release their status reports of Puget Sound Small Streams this quarter. [Puget small streams project website.](#)

10:00 Break

10:10 Partner Updates Related to Our Work (Katrina Radach, PSEMP Manager, Madison Rose Bristol, 6PPD Stormwater Planner, Morgan Baker, 6PPD Management Analyst)

- PSEMP
 - PSEMP Strategic Planning: We are continuing to work on updating the strategic plan. In the January Steering Committee meeting, there was more discussion and feedback on the draft goals for PSEMP in the next 4 years. Between January to March, the strategic actions will be developed and discussed at the March Steering Committee meeting.
 - Public Comment Opportunity - Puget Sound Salmon Recovery Plan Addendum: The public comment period is open from Jan. 8 until Feb. 21. The Puget Sound community has an opportunity to [provide feedback on the Puget Sound Salmon Recovery Plan Addendum through an online platform](#) and by submitting letters. Letters can be sent via email to Ashley Bagley at ashley.bagley@psp.wa.gov, salmon policy advisor at the Puget Sound Partnership.
 - Work Group Meetings: Please view the [PSEMP Calendar](#) for the latest updates on work group meetings and scheduling.
- WA Department of Ecology
 - 6PPD
 - Soliciting for new best management practices (BMP) effectiveness studies: Ecology has over \$3 million available for new 6PPD BMP effectiveness studies through three funding opportunities: 6PPD Interagency Agreements (IAAs), 6PPD Request for Proposals (RFP), and the Stormwater Strategic Initiative Lead (SIL) RFP.
 - We are actively accepting pitches for IAAs. If you are a member of a public organization, including Tribal Nations, government agencies, and public universities, and have a 6PPD project idea, please reach out to madison.bristol@ecy.wa.gov to start the IAA process.
 - The 6PPD RFP and the SIL RFP will be published in early 2024. We will share more about these opportunities on [our project webpage](#) and via the SWG listserv in February 2024.

- Manchester Environmental Lab (MEL): MEL has been officially accredited for 6PPD-quinone water samples. MEL is the first lab in the state to be accredited for 6PPD-q. The EPA is also planning on releasing a draft laboratory method in the near future.
- [6PPD Action Plan](#)
 - The Washington State Departments of Ecology and Health are developing a 6PPD Action Plan. The 6PPD Action Plan will identify and consider actions that could be taken to mitigate current impacts from 6PPD-quinone and phase out 6PPD use in the future. Currently, the Action Plan is in Phase 1, which focuses on research needs, data gaps, and developing recommendations for WA state agency budget requests.
 - The 6PPD Action Plan Advisory Committee held its first kick-off meeting on January 24, 2024. The Advisory Committee is open to more members and listeners. If you would like to receive an invite, please reach out to madison.bristol@ecy.wa.gov.
- Contracting status of SAM Full Proposal 1 – Street Sweeping Synthesis: After being approved for funding at the last SWG meeting, Ecology has proceeded with developing the scope of work (SOW) for FP1. PRO-C is in the process of reviewing this SOW. This proposal will be fully funded using Ecology’s 6PPD funding.
- Stormwater Strategic Initiative Lead (SIL): The SIL currently has RFPs open for Climate Resiliency in Stormwater Management and Increasing Stormwater Parks in Puget Sound. These RFPs close on February 12th. For more information, visit <https://pugetsoundestuary.wa.gov/stormwater-sil-rfp/> or contact derek.day@ecy.wa.gov.

10:30 Improving SWG Member Engagement (Don McQuilliams and Abby Barnes, SWG Chairs and Madison Rose Bristol, SWG Interim Coordinator)

- Goals:
 - To collect an accurate and up-to-date email list of voting SWG members
 - To better understand that status of subgroups and caucuses
 - To improve member engagement in SWG meetings and strengthen the SWG community
- Abbey’s slideshow will set the context for our discussion, and Madison will give a tutorial on the [SWG website](#).

- **Poll:** We will take a break in a moment to allow you to fill out [this poll](#). This poll will help us better stay in contact with SWG members, improve voting processes, and understand the status of SWG affiliate groups.
- **Discussion:**
 - Which SWG subgroups and caucuses are you a part of? How could the SWG improve its connection with these groups?
 - What are SWG member's ideas around hosting an in-person SWG meeting?
 - Location?
 - Activities?
 - Ideas for or against holding an in-person meeting for September 2024?
 - How can we best prepare to welcome Eastern WA members into the SWG? When will Eastern WA members start paying dues per the MS4 permits?

11:00 Meeting participants fill out the [SWG Member Engagement Survey](#)

- SWG attendees take 15 minutes to independently fill out the survey.

11:15 2024-2025 SWG Work Plan (Don McQuilliams and Abby Barnes, SWG Chairs and Madison Rose Bristol, SWG Interim Coordinator)

- The co-chairs are actively developing the 2024-2025 SWG Work Plan, which will define key goals, deliverables, and timelines for the SWG until December 2025.
- Notable changes from the last work plan:
 - PSEMP Liaison: Co-chairs will attend the PSEMP meetings.
 - **Discuss:** Do SWG members prefer the co-chairs attending PSEMP work group meetings or having a separate liaison?
 - Subgroup inclusion in the work plan: Historically, subgroup work plans were included as a part of the SWG work plan. We also have an option to develop subgroup work plans separately in collaboration with the SWG.
 - **Discuss:** Which option is preferred? Should just the 6PPD Subgroup have a work plan, or other subgroups as well?
 - SWG voting members: Historically, voting members were only approved when members had to be replaced. We have not voted on member approval for at least 4 years.
 - **Discuss:** Should we approach SWG voting member approval differently? Should we vote to renew or add members on an annual or biannual basis?
 - Reviewing and writing the work plan

- **Discuss:** Are there members that would like to help write or review this work plan? If so, drop your name in the chat.
- **Vote in the chat:** Which method of approving the 2024-2025 SWG Work Plan is preferred by SWG members? Voting virtually via email or voting at the May 15 meeting? Type “email” in the chat if voting by email is preferred or “meeting” if voting during the May meeting is preferred.

11:40 Debrief the SWG 6PPD Subgroup Meeting (Eli Mackiewicz, 6PPD Subgroup Co-Chair)

- The last meeting was on December 13, 2023. View these [meeting notes](#) for more details.
- At this meeting, Curtis Hinman on behalf of King County gave [a presentation](#) on the preliminary results of King County’s “Testing Removal of 6PPD-q and Coho Salmon Lethality by High Performance Bioretention Media Blends” project:
 - Study Design: Column array using a media lab at Western Washington University in Bellingham to test ECY’s compost-based bioretention soil media (BSM) and high performance bioretention soil media (HPBSM). Contaminated stormwater from the I-5 Ship Canal Test Facility is ran through the soil mixes. Samples of influent and effluent are tested for concentrations of 6PPD-q, total suspended solids (TSS), conductivity, pH, and additional parameters. The study is also testing acute mortality directly with juvenile coho salmon.
 - Preliminary Results: Influent concentrations for 6PPD-q were between 0.23 - 0.79 ug/L, all BSM mixes were able to reduce 6PPD-q levels in the effluent to below the LC50 for coho salmon (0.04 - 0.10 ug/L) - aka the concentration at which half of the test population experiences acute mortality. Coho survival significantly increased from only 5% survival in the influent to 100% survival in the effluent. Additional rounds of testing are ongoing and final results are still pending.

11:50 Additional Updates Related to Our Work (Attendees share other updates)

- **Discuss:** Additional updates that people would like to share during this meeting?

11:55 Wrap Up (Don McQuilliams, Chair)

- Summarize decisions, action items, and next steps from today’s meeting

12:00 Adjourn

FUTURE MEETING DATES:

The next regular SWG meeting is **May 15, 2024**. Please mark your calendars for May 15, September 11, and November 13, 2024 – all Wednesdays, from 9am-noon. We may occasionally extend our meeting time; any extended meeting time will be determined at the previous meeting.

At our meeting on Wednesday, May 15, we will:

- Present on the mussel monitoring program
- Hear findings and updates from additional SAM studies
- Hear updates from the SWG 6PPD Subgroup
- Hear additional updates related to our work

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You can join any or all of our email lists on your GovDelivery [Subscriber Preferences Page](#). Enter your email address, click to add subscriptions, and navigate to the Water Quality Program list to find: **STORMWATER-ACTION-MONITORING**: up to three newsletters per year to hear about SAM study findings and upcoming workshops; **STORMWATER-WORK-GROUP** meeting agendas, materials, and summaries of our meetings, and additional announcements related to our work; and **SWG-6PPD-SUBGROUP** for meeting agendas and notes of those discussions.

VIEW THE SWG WEBSITE:

We regularly update the [SWG website](#) with information about upcoming meetings, past meeting materials, and important SWG documents. If you have additional questions about the SWG, contact madison.bristol@ecy.wa.gov.