**6PPD Subgroup Meeting Agenda
June 12th, 2024**

**5 min Welcome
Eli Mackiewicz, Co-Chair**

**The SWG 6PPD Subgroup formed in 2020 and met monthly with support of the Stormwater Work Group (SWG). In 2022, the subgroup changed meeting times to quarterly. The goal of the SWG 6PPD Subgroup is to share the latest science on 6PPD and 6PPD-q.**

**25 min Updates from the Washington State Department of Ecology (ECY)
Shelby Giltner**

* Updates on funded projects
	+ **Vendor Pool Solicitation Update**
		- Ecology was required to use a state-approved vendor pool via the new Department of Enterprise Services’ (DES) [Environmental Consulting Services contract.](https://apps.des.wa.gov/DESContracts/Home/ContractSummary/22222) This statewide vendor pool allows Ecology to move to negotiating scopes of work immediately if vendors can provide the 6PPD research needed.
		- Ecology contacted the vendors from the statewide and received from proposal from vendors on the following Data Gaps:
			* 1: Verify the effectiveness of BMPs ranked as having medium to high potential effectiveness in the [BMP Effectiveness Report](https://fortress.wa.gov/ecy/ezshare/wq/Permits/Flare/2019SWMMWW/Content/Resources/DocsForDownload/2022_SWTreatmentOfTireContaminants-BMPEffectiveness.pdf).
			* 2: Research the effect of different traffic densities and land uses and characteristics on 6PPD-quinone concentrations to further characterize 6PPD-quinone in stormwater.
			* 4: Quantify the reduction of 6PPD-q by unamended soils.
			* 5: Investigate the needed frequency for street sweeping to be an effective BMP for 6PPD-q management.
			* 7: Conduct research that will support the development of standards for TAP-E (Technology Assessment Protocol - Ecology) devices through sampling influent and effluent concentrations of 6PPD-q.
		- PROPOSALS DATES. Hopefully, we have SOWs and Contracts by this meeting.
	+ New ECY projects supported by funding from the WA State Legislature and/or SAM
		- Snoqualmie Tribe Project
		- Pierce County Decant Project
		- King County Embankments Project
* [6PPD Action Plan](https://www.ezview.wa.gov/site/alias__1962/37915/6ppd_action_plan.aspx)
	+ In April 2024, the 6PPD Action Plan Advisory Committee finalized their recommendations to include in the December Legislative report.
	+ Ecology’s internal review process is underway to edit and add to those recommendations.
	+ Ecology and other state agencies are also writing their budget packages, which will be directly informed by committee recommendations.
* Permit and manual updates
	+ MS4 Phase I and II Permits and Stormwater Management Manuals
	+ [Draft Industrial Stormwater General Permit (ISGP)](https://ecology.wa.gov/regulations-permits/permits-certifications/stormwater-general-permits/industrial-stormwater-permit#reissuance)

**15 min**  **Updates from the Stormwater Work Group**
**Madison Rose Bristol**

* Heard 2 presentations about SAM projects
	+ Hydrologic performance of bioretention – Jesse Barham, City of Olympia; Bill Taylor, Raedeke Associates; and Jenny Saltonstall, AESI
	+ Improving roadside ditches and maintenance – Ani Jayakaran, WSU-Puyallup; Jonathan Schnore, WSU; Michael Neff, WSU
* Status and Trends Subgroup will be reconvening to discuss ongoing adaptations and clarifications to the Stormwater Action Monitoring (SAM) program’s study design. The subgroup will discuss adding 6PPD-q as a parameter for monitoring.
* The SWG is recruiting more voting members; PRO-C is recruiting new members.
* The SWG voted to approve the [2024-2025 SWG Work Plan](https://sites.google.com/site/pugetsoundstormwaterworkgroup/home/about-swg/swg-work-plan). This work plan outlines important milestones the SWG will achieve throughout the next 2 years, including continuing to support the 6PPD Subgroup.
* The SWG discussed how to best welcome Eastern WA permittees into the SWG. Following MS4 permit reissuance, Eastern WA permittees can now opt into SAM and become SWG members.
* The SWG discussed holding and in-person meeting in September 2024. Options included:
	+ Seattle or Bellevue
	+ A joint 6PPD Subgroup and SWG all-day meeting in Bellingham

**15 min Group discussion
Eli Mackiewicz**

* Eli Updates on research
* Updates on 6PPD Action plan
* Updates on projects from the group

**10 min Break**

**20 min** **GUEST SPEAKER: VELMA Model - Jonathan Halama, US EPA**

* Presentation by Jonathan and guests on VELMA 6PPD-q modeling. The goal of this project is to further understand contaminant loading patterns, validate simulations, and ultimately suggest green and/or grey infrastructure placement through simulations of contaminant reduction. Much of this work was conducted at Longfellow Creek in Seattle, WA.

**Wrap up**
**Eli Mackiewicz**

* + UPDATE On In-Person meeting.
	+ Provide a Survey of who would attend and what format everyone would be interested in. Full Day Workshop vs Two Hour Meeting