

WELCOME BACK!

Structural Stormwater Control Policy Advisory Committee



Purpose of the SSC Policy Advisory Committee

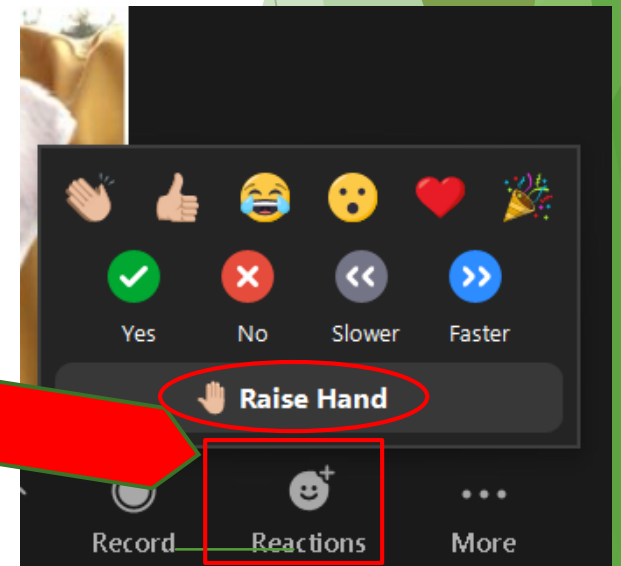
To discuss Structural Stormwater Controls topics; and,

Provide policy recommendations to help inform the SSC requirements in Ecology's:

- 2024 PH I Municipal Stormwater Permit reissuance and,
- Approaches to take for a PH II retrofit program requirements.

Some Ground Rules:

1. PAC members show your name and “PAC”;
2. Only PAC members have video on;
3. Members of the public, please show your name and Organization;
4. Keep muted unless speaking to the group.
5. There will be a short period for public comments toward the end of the meeting.
6. Okay to use Chat Box for questions or comments.
7. Raise hand (icon best) for verbal questions or comments.



Objectives of today's meeting

▶ Review:

- ▶ Evaluation from May 5
- ▶ Topics and schedule
- ▶ Meeting Dates (Doodle Poll)

▶ Discuss

- ▶ Planned Public Meetings
- ▶ Project Types and Selection Criteria
- ▶ Phase I → Phase II

▶ Planning Follow-up

▶ Public Comments

WISDOM!!

- humility
- team
- forward!
- patience
- consistency
- brainstorm
- collaborate
- effective outcomes
- assume good intentions
- respect
- outside the box
- focus on objectives
- clean water
- integrity
- deep-breath
- achievable
- thoughtful
- trust
- creative
- listen-
- mindful
- beneficial
- flexibility-
- Clarity-
- authentic
- progress
- inquisitive
- anced decisions-
- Openness-
- assume the best
- implementable
- Positive intent-
- Partnership-
- compassion
- transparency-

Agenda

- ▶ **1:00 Welcome (roll call – tech check)**
 - ▶ Purpose, Objectives, Agenda, Rules
- ▶ **Updates:**
- ▶ **Discussion 1** Planned Public Meetings (Abbey)
- ▶ **Discussion 2** - Project Type and Selection Criteria
- ▶ **~2:00BREAK**
- ▶ **Discussion 3** Phase I → Phase II
- ▶ **~3:00Break**
- ▶ **Public Comments**
- ▶ **Next steps and closing**
- ▶ **4:00 Adjourn**

Updates

- ▶ **May 5th Evaluation Summary**
- ▶ **Topics Survey Summary and Schedule**
- ▶ **Doodle Poll (Future Meetings)**

Evaluation Summary

Issues (from the charter) for the PAC to address?

(9) Create and refine recommendations to help inform the SSC requirements, specifically in terms of a system of measurement and the level of effort in Ecology's next Permit reissuance

(8) Identify the benefits and drawbacks of the current Phase I permit SSC point system

(7) Define level of effort required for Phase I permittees to meet their permit requirements

(6) Discuss whether a similar approach can or should be used for the Phase II permittees

(4) Identify metrics to measure benefits of SSCs to receiving water bodies

(3) Define "benefits" and "recommendations"

(3) How to identify metrics to measure benefits when both scientific metrics and benefits data are not conclusive?

Other:

(1) Changes to SSC Program Point Multipliers

(1) Is 'level of effort' the right standard to measure/require?

Proposed meeting schedule and Topics

- (May 31) – Project Type and Selection Criteria; Phase I
Phase II
- July 6th – Phase I and Phase II; Counties v. Cities; Rural
v. Urban; Multipliers
- August – Multipliers, Metrics and points
- September – Draft Recommendations
- October - Review and comments
- November – Review and finalize?
- December – Final review and comments (if needed)

Doodle Poll
Closes June
2nd

*This is a proposed sequence meetings and topics. Adjustments will be made as needed to help complete the recommendations to the Department of Ecology.

Discussion 1 - Planned Public Meetings (Abbey)

Discussion 2 - Project Type and Selection Criteria

The background of the slide is white with abstract green geometric shapes on the right side. These shapes include overlapping triangles and polygons in various shades of green, ranging from light to dark. The shapes are positioned on the right edge, creating a modern, layered effect.

2024 Ad-Hoc Structural Stormwater Controls (SSC) subcommittee whitepaper

Please send questions/comments to:

Blair Scott, King County blair.scott@kingcounty.gov

Or

Angela Gallardo, City of Tacoma agallardo@cityoftacoma.org

Introduction:

The best outcome for the SSC Policy Advisory Committee (PAC) discussions would be one that leads to permit actions that improve WQ (WQ here taken to mean water quality and flow control, inclusive) and creates flexibility for how structural stormwater controls occur. Local jurisdictions have the best understandings of local stormwater problems and priorities, but don't have enough resources to solve all these issues. Such an outcome would:

- Facilitate and reward the solutions that align with jurisdictions / permittees goals to solve these issues.
- Leverages work being done outside of C.S. Development and Redevelopment
- Be clearly communicated in the Permit and facilitate clear and accountable compliance.

The current Phase I Permit S5.C.7 framework, while not perfect, allows for flexibility and an achievable level of effort. Based upon the outcome of the Structural Stormwater Control Science Review and Synthesis, it appears there is no scientifically based definitive answer for an appropriate metric to measure activities for Section S5.C.7 of the Phase I Permit. Further, it seems that there is a lack of scientific basis for making major changes in the current S5.C.7 framework. In consideration of this, the following would be appropriate and recommended:

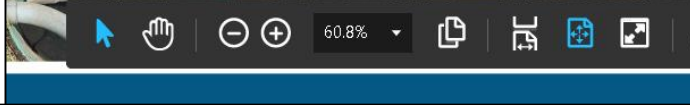
Ecology should consider additional scientific basis for changes to the S5.C.7 framework, beyond the 'water quality benefits' of individual SSCs.



DEPARTMENT OF ECOLOGY

Structural Stormwater Controls Science Review & Synthesis Project

WHITE PAPER | JUNE 2021



6PPD Topic Group White Paper

Co-Leads
Melissa Ivancevich Melissa.Ivancevich@seattle.gov
Doug Navetski Doug.Navetski@kingcounty.gov

The following report contains issues identified and recommendations by the 6PPD topic group. The report is organized into topics, explanations of the issue, comments made during the meetings, and recommended adjustments or requests.

1. Section 8, Monitoring and Assessment

The group identified the need for additional research in order to move ahead on controlling the pollutant 6PPD- Q. There are currently a number of areas that need additional research, including fate and transport, sub-lethal effect on various species, treatment and source control. Permittees need more information to effectively control 6PPD sources, address legacy loads and develop treatment options. It's critical that the limited municipal resources available are effectively utilized, and Best Management Practices be developed and implemented efficiently. Some of the areas of concern/interest include:

- The group identified the SWG 6PPD subgroup as the nexus for information on 6PPD. Route communications and discoveries through SAM.
- There are questions about whether compost filter material is the most effective treatment method. Can other filter media be as effective and not be a source of nutrient pollution?

Ad Hoc Committee on Stormwater Management Action Planning in the 2024 NPDES MS4 Permit Final Report to Ecology February 2022

Background

In October 2021, the Ad Hoc Committee on Stormwater Management Action Plan (SMAP) requirements in the NPDES municipal separate storm sewer system (MS4) permit was formed. The Committee met monthly through January 2022 and consisted of 29 participants representing six Phase I permittees, fifteen Phase II permittees, one secondary permittee, and two other interested parties, all of whom voluntarily joined to provide their input and recommendations. The co-leads for the Committee were Janet Geer, City of Bothell, and Bill Leif, Snohomish County.

The main purpose of the Committee was to prepare ideas and recommendations for the Department of Ecology (Ecology) regarding the SMAP requirements in the Phase I and II MS4 permits that will be reissued in 2024. Committee discussions were focused primarily on the SMAP requirements, but also included the broader stormwater planning requirements originally set forth in the 2013 Phase I permit, as well as the relationship between stormwater planning in general and the Structural Stormwater Controls (SSC) program. The SSC program requirements as set forth in the 2019 Phase I permit are of significant interest to this Committee because it is anticipated that Ecology will add this program to the 2024 Phase II permit.

Two guiding principles for the discussions were to find as much agreement as possible, and to focus on ideas that seem implementable by Ecology in the MS4 permits. However, another principle was to draw out and discuss ideas that don't fit easily in the existing permit and/or challenge the status quo, and members were encouraged to present topics and viewpoints that did not "fit in the mold."



February 25, 2022



JAMESTOWN S'KLALLAM TRIBE

1033 Old Blyn Highway, Sequim, WA 98382

360/683-1109

FAX 360/681-4643

February 25, 2022

Ms. Abbey Stockwell
Department of Ecology
300 Desmond Dr SE
Lacey, WA 98503

RE: Early Input for 2024 Phase I and Phase II Municipal Stormwater Permits

Dear Ms. Stockwell,

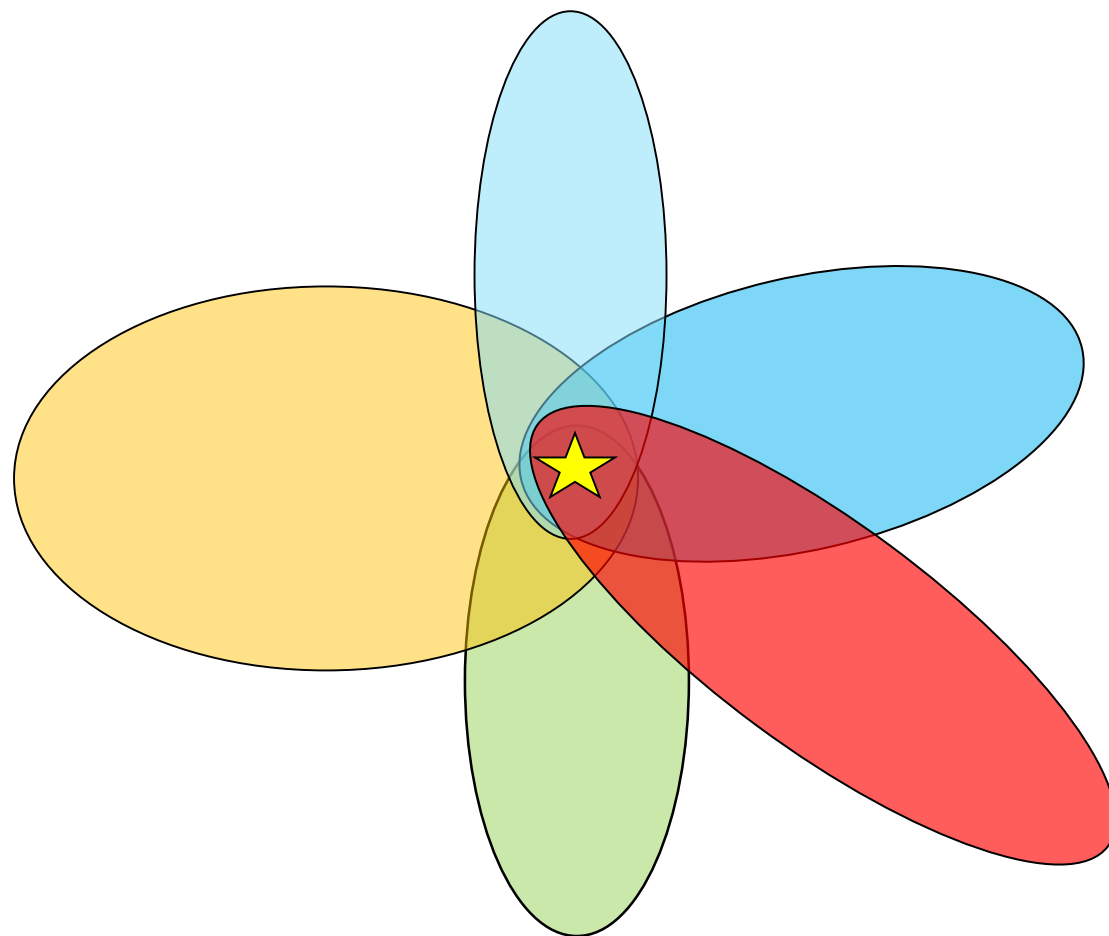
I write on behalf of the Jamestown S'Klallam Tribe, whose resources and treaty rights are reliant on cold, clean and abundant water. Jamestown Tribe urges stormwater permit requirements that assure tribal and all citizens of Washington can harvest and consume aquatic resources without increased likelihood of illness from chemical contamination. Jamestown Tribe is concerned the reissuance of Phase I and II permits, as proposed, will perpetuate impacts to salmon and other tribal resources.



Presentation by Puget Soundkeeper Alliance for APWA
March 18, 2022



PAC Interests and Policy Recommendations



Project Type and Selection Criteria

► The program shall consider the following projects:

1. New flow control facilities.
2. New treatment (or treatment and flow control) facilities.
3. New LID BMPs.
4. Retrofit of existing treatment and/or flow control facilities.
5. Property acquisition for water quality and/or flow control benefits (not associated with future facilities).
6. Maintenance with capital construction costs \geq \$25,000.

► Permittees should consider other projects to address impacts, such as:

1. Restoration of riparian buffers
2. Restoration of forest cover.
3. Floodplain reconnection projects on water bodies that are not flow control exempt per Appendix 1.
4. Permanent removal of impervious surfaces.
5. Other actions to address stormwater runoff into or from the MS4 not otherwise required in S5.C.

- ▶ Here are the requirements for how the Stormwater Management Plan needs to describe the SSC program and planning process.
 - i. The Structural Stormwater Control Program goals.**
 - ii. The planning process used to develop the Structural Stormwater Control Program, including:**
 - (a) The geographic scale of the planning process.**
 - (b) Issues and regulations addressed.**
 - (c) Steps in the planning process.**
 - (d) Types of characterization information considered.**
 - (e) Amount budgeted for implementation.**
 - (f) The public involvement process.**
 - (g) A description of the prioritization process, procedures and criteria used to select the Structural Stormwater Control projects.**

Discussion 3 Phase I → Phase II

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Public Comment

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 - ▶ Planned Public Meetings
 - ▶ Project Types and Selection Criteria
 - ▶ Phase I > Phase II
- ▶ **Planning Follow-up**
- ▶ **Public Comments**