



# Draft Agenda

Wednesday, January 18, 2017 from 9:00 a.m. to 12:00 p.m.

**TAGRO, Central Treatment Plant, Gate 6, 2301 Cleveland Way, Tacoma, WA 98421**

*Please make a note of the change in meeting location. Directions are provided on the last page of this agenda.*

## THE MEETING'S GOALS:

1. Accept nominations for our next chair and vice chair for two-year terms beginning at our March meeting;
2. Approve our work plan updates for 2017-2018;
3. Hear about some work to address stormwater issues in non-NPDES areas
4. Hear about proposed changes to Ecology's stream status and trends monitoring program
5. Hear updates on Regional Stormwater Monitoring Program (RSMP) implementation and administration:
  - a. Hear an update on the Puget Lowland stream data analysis and a summary of the December 6 Freshwater Workgroup discussion; and other status and trends monitoring updates
  - b. Hear updates on current (first round) effectiveness studies and proposals for a second round;
  - c. Hear about progress toward recommendations for future source identification work;
  - d. Hear about progress on the RSMP communication strategy.
  - e. Hear from the Pooled Resources Oversight Committee (PRO-C) chair and RSMP Coordinator about the RSMP budget and recent contracting actions.
6. Hear from our subgroups about progress implementing and updating our work plan for 2017-2018;
7. Decide on messages and timing for the next SWG Reporter; and
8. Hear other updates related to our work:
  - a. PSEMP and Action Agenda development; and
  - b. NPDES municipal stormwater permit reissuance.

\* \* \* \* \*

9:00 Welcome, introductions, and review of the meeting's agenda and goals

- *New work group member: Marty Beagle (Pacific Coast Shellfish Growers Association), Business Groups*

9:10 Accept nominations for the next Stormwater Work Group chair and vice chair

- *Our chair and vice chair serve two-year terms beginning upon their selection at the beginning of our next meeting on March 15. Dana de Leon of the City of Tacoma and Kevin Burrell of the City of Seattle have been nominated as chair, and Abby Barnes of Washington Department of Natural Resources has been nominated as vice chair.*
- *Are there other nominations?*

9:15 Approve work plan updates

- *The SWG has a 2-year work plan. We update it annually. Our staff, subgroup chairs, and several subgroups prepared updates for 2017-2018 that were discussed at our last meeting in November. A revised updated work plan was sent with this meeting agenda.*
- *Do work group members have any comments, questions, or concerns that need to be addressed prior to approving the work plan?*
- *Are there any comments from non-work group members?*

9:25 Hear about some work to address stormwater issues in non-NPDES areas

- *Bob Simmons, Associate Professor of Water Resources at WSU Extension, will describe the low cost methodology, partnerships, and process that was used to prioritize and install rain gardens at key locations in Jefferson County.*



- *Are there any questions or comments from the audience?*

### 9:45 Hear about changes to Ecology's stream status and trends monitoring program

- *Ecology's Environmental Assessment Program (EAP) is making some changes to their stream monitoring program based on past findings. Jess Archer and Glenn Merritt will describe the proposed changes.*
- *What are the potentials for impacting/leveraging future RSMP stream monitoring efforts?*
- *Do work group members have any questions?*
- *Are there any questions or comments from non-work group members?*

### 10:00 Break

### 10:15 Briefing on RSMP implementation and administration activities since our November meeting

- *Streams Status and Trends:*
  - *The PSEMP Freshwater Workgroup (FWG) – a group that includes all members of the former SWG Small Streams Status and Trends Oversight Subgroup – had a detailed discussion of the analysis team's work on December 6. They will have a detailed discussion about the changes being made to EAP and USGS stream monitoring programs based on their programs' findings at a meeting later this winter or in early spring. Today we will hear a summary of the December 6 discussion.*
  - *The WSDA-funded pesticide data collected in sediment at 80 RSMP sites will be available in EIM later this month. We have invited WSDA staff to present their findings to us at our next meeting in March.*
- *Marine nearshore status and trends:*
  - *Mussel data were reviewed and will be uploaded to EIM this month.*
  - *Final bacteria technical memo was delivered to RSMP Coordinator and will be discussed at our next work group meeting in March.*
- *Effectiveness Studies:*
  - *Notable updates on the first round of studies:*
    - *King County data request for the catch basin study is going out this month.*
    - *The QAPP for bioretention treatment of PCBs was approved and monitoring has begun at the Ship Canal site.*
  - *Full proposals for the second round were submitted to the RSMP Coordinator on December 12.*
    - *Technical reviews will be completed in February and we will discuss the main comments at our next work group meeting on March 15.*
    - *A workshop will be in April; the workshop date is being set to accommodate the project leads. Following the workshop, the permittees will vote on the projects to rank them. The SWG will then decide which projects to fund based on the voting and feedback, and also determine whether (or not) to keep a list of "ready" projects to begin in the next permit cycle.*
- *Communication:*
  - *The RSMP Communication Advisory Committee for the Association of Washington Cities (AWC) communication project will had its first meeting December 1 and its second meeting January 9. Participating members of the committee included Andy Rheume (Redmond), Ben Parrish (Covington), Theresa Thurlow (Federal Way), Kelly Uhacz (Battle Ground), Leska Fore (PSP), Abby Barnes (WDNR), Brandi Lubliner (RSMP Coordinator), Karen Dinicola (SWG Project Manager), Andy Meyer (AWC), and Alicia Seegers-Martinelli (AWC). Kit Paulsen (Bellevue) provided comments via email.*
    - *The purpose of this project is to develop a communication strategy, "brand" and tools to help the RSMP Coordinator share findings and recommendations with stormwater managers. The project will also result in tools that help stormwater managers communicate with their elected officials and other decision makers. Andy Meyer is coordinating with Laura Berg of the Washington State Association of Counties to reach out to county stormwater managers.*
    - *After much deliberation, the committee came to a consensus decision to rename the RSMP to SAM, for Stormwater Action Monitoring. The thinking behind this decision includes:*



## STORMWATER WORK GROUP

<http://www.ecy.wa.gov/programs/wq/psmonitoring/swworkgroup.html>

- *RSMP is descriptive but long and bureaucratic; “regional [stormwater] monitoring program” may still be used in the tagline; and... if we are going to change the name, now is the time.*
- *Do work group members have any comments or concerns?*
  - *Some timeline details: the overall plan will be complete by end of January; the baseline survey will go out this week or next; and the boilerplate templates will be ready for the effectiveness workshop. The RSMP/SAM symposium will be in May?*
- *RSMP status and trends site maps on the webpages have been updated, and the maps were included in a presentation at the Washington State Capitol GIS Map Day on January 10 by Ecology’s GIS team.*
- *The RSMP Coordinator will give a presentation at the Green Infrastructure Summit in February.*
- *Pooled Resources Oversight and RSMP administration:*
  - *The PRO-C last met October 12 and will next meet on February 6. A quorum of the PRO-C members participated in the RSMP Communication Advisory Committee meetings.*
  - *The October-December quarterly report is expected to go out early next month.*
  - *Ecology hired Amelia Min-Venditti to assist the RSMP Coordinator for the next six months. Amelia will be organizing the effectiveness studies workshop and assisting with contracting.*
- *Do work group members have any questions? Do work group members wish to provide further direction to the PRO-C and RSMP Coordinator?*
- *Are there any questions or comments from non-work group members?*

### 10:45 Hear about progress toward recommendations for future Source Identification work

- *The SWG approved recommendations in June 2016 to direct and focus the future work done using RSMP funds collected for permit Special Condition S8.D Source Identification. For this permit cycle, were entered in a database, analyzed, and summarized in a report that was completed at the end of last year.*
- *The SWG Source Identification Subgroup met in September and November 2016 to discuss the report on the permittees’ Illicit Discharge Detection and Elimination incident data for the 2014 calendar year and the consultant’s recommendations for future work. The Subgroup is proposing a set of data fields to recommend for the next permit cycle. The Subgroup will meet again January 23 to finalize its proposal.*
- *Do work group members have any questions about the draft proposal? Do work group members wish to provide further direction for the subgroup?*
- *Are there any comments from non-work group members?*

### 11:15 Other work plan implementation and updates

- *Our subgroups continue to make progress toward achieving the goals established in our 2016-17 work plan and draft 2017-2018 work plan. In addition to the updates provided in prior agenda topics:*
  - *Communication: The most recent issue of the SWG Reporter went out on December 2. Possible topics for the next issue include:*
    - *The first stage of technical review is underway on ten full proposals submitted for second round RSMP effectiveness studies; workshop coming in April followed by voting*
    - *RSMP/SAM communication plan under development (name change?)*
    - *Permittees’ data are needed for the catch basin cleaning effectiveness study*
    - *2017-2018 work plan approved*
    - *New SWG Chair and Vice Chair will be selected at our March meeting*
- *Do other subgroup chairs or members have additional updates to share?*
- *Do work group members wish to provide additional direction for our subgroups?*
- *Are there any comments from non-work group members?*



## STORMWATER WORK GROUP

<http://www.ecy.wa.gov/programs/wq/psmonitoring/swworkgroup.html>

### 11:30 PSEMP and Action Agenda coordination

- *JLARC recently released its audit of PSP and made several recommendations for monitoring. The link to the report to the Legislature is: <http://leg.wa.gov/jlarc/reports/2017/PSPPartnership2016/p/default.htm>. The PSEMP Steering Committee (SC) met on January 10 and discussed the report.*
  - *One key finding was that current monitoring is not informing the actions implemented to meet the recovery targets; another finding was that the monitoring program structure inhibits its effectiveness.*
- *The process to develop the new Stormwater Strategic Initiative is underway. It is focused on developing implementation strategies to achieve the targets PSP established for the B-IBI and Toxics in Fish vital sign indicators. The interdisciplinary team members have been selected. If you would like to participate in a topical subgroup to support development of these strategies, please contact [Gary Meyers](#) at Ecology.*
- *Puget Sound Institute staff Andy James, Tessa Francis, and Aimee Kinney are working on a “starter package” to support development of the implementation strategies for these vital sign indicator targets. For these indicators, the Freshwater and Toxics Workgroups have been identified as the lead workgroups on monitoring related to these targets, and the SWG has been identified as another workgroup to involve.*
  - *The resulting document is meant to summarize the state of knowledge that will then turn into an implementation strategy with prioritized actions/approaches and estimated costs.*
  - *We are invited to review the “starter package” outline. (It was not included with the agenda but was intended to be shared with work group members and interested parties in advance of this meeting.)*
  - *In the course of providing feedback on the starter package outline, PSI staff wants to leverage the SWG’s work and are very interested in our ideas about:*
    - *What are we missing? What’s already been or is being done? What actions are needed outside the permit requirements? Where? What (if any) additional monitoring needs to be done to capture the effectiveness of those actions?*
- *What are the other PSEMP workgroups discussing and what are our related plans, needs and interests?*

### 11:50 Recap of today’s meeting and hear other updates or announcements

- *Summarize decisions, action items, and next steps from today’s meeting.*
- *Ecology is planning to hold “listening sessions” next month on some of the topics the ad hoc group worked on.*
- *Our new chair and vice chair will be selected at our March meeting.*

### 12:00 Adjourn

### NEXT SCHEDULED MEETING:

Wednesday, March 15, 2016 from 9am to 12pm at the **TAGRO Visitor Center** in Tacoma, with possible extended hours as needed. Expected agenda topics include:

- *Select our next chair and vice chair for two-year terms beginning today;*
- *Discuss technical reviews of RSMP effectiveness study proposals and upcoming workshop;*
- *Hear from Pierce County about their Source ID analysis and findings;*
- *Discuss recommendations for future Source ID data collection and analysis;*
- *Discuss next steps for RSMP marine nearshore bacteria monitoring and assessment; and*
- *Hear an update on the strategy for communicating RSMP findings to key audiences.*

At each of our meetings we will:

- *Hear updates on RSMP implementation and administration;*
- *Hear from our subgroups about progress implementing our work plan for 2017-2018;*
- *Decide on messages for the next SWG Reporter; and*
- *Hear other updates related to our work, including briefings on PSEMP and Action Agenda development.*



## STORMWATER WORK GROUP

<http://www.ecy.wa.gov/programs/wq/psmonitoring/swworkgroup.html>

Additional expected agenda topics for the June 7 meeting:

- *Hear about changes to Ecology's marine sediment status and trends monitoring programs;*
- *Hear findings of the winter 2015-2016 RSMP mussel monitoring;*
- *Hear about progress on the agricultural runoff monitoring implementation strategy;*

The meeting schedule for the remainder of 2017 is: March 15, June 7, September 13, and November 15.

### **DIRECTIONS TO THE TAGRO VISITOR CENTER IN TACOMA**

A map is available at <http://cms.cityoftacoma.org/enviro/TAGRO/MaptoTAGRO.pdf>

*Driving directions:* Northbound or Southbound on I-5, take exit 134 Portland Avenue East and travel north. Turn left on Cleveland Way and follow it back south toward I-5 to the end of the street marked "Entrance Gate 6, TAGRO Office."



## STORMWATER WORK GROUP

Wednesday, January 18, 2017, from 9:05 am to 11:40 am  
TAGRO Visitor Center, 2301 Cleveland Way, Tacoma WA 98421

# Draft Summary

OF THE MEETING'S KEY DISCUSSIONS, DECISIONS AND AGREEMENTS  
*a list of acronyms is provided at the end of the document*

### ATTENDEES:

*Work Group members and alternates present, and the organizations and caucuses they represent:*

**Cami Apfelbeck** (Bainbridge Island), Local Governments, and the Work Group's Chair; **Jess Archer** (ECY EAP), State Agencies; **Abby Barnes** (WDNR), State Agencies, and the Work Group's Vice Chair; **Marty Beagle** (PCSGA), Business Groups; **Kevin Burrell** (Seattle), Local Governments; **Jay Davis** (USFWS), Federal Agencies; **Dana de Leon** (Tacoma), Local Governments; **Dick Gersib** (WSDOT), State Agencies; **Melissa Ivancevich** (Shoreline), Local Governments; **Jennifer Lanksbury** (WDFW), State Agencies; **Kit Paulsen** (Bellevue), Local Governments; **Andy Rheume** (Redmond), Local Governments; **Rich Sheibley** (USGS), Federal Agencies; **Jim Simmonds** (King Co), Local Governments; **Connie Sullivan** (Puget Soundkeeper Alliance), Environmental Groups; **Theresa Thurlow** (Federal Way), Local Governments; **Carla Vincent** (Pierce Co), Local Governments.

*Invited speakers:* **Andy James** (UWT PSI); **Glenn Merritt** (ECY EAP); **Bob Simmons** (WSU Extension).

Note: these speakers' presentations will be posted with this meeting summary at

<http://www.ecy.wa.gov/programs/wq/psmonitoring/mtgsummaries.html>

*Others in attendance:* **Brad Archibald** (WSDOT), **Fred Bergdolt** (WSDOT), **John Burk** (Tacoma), **Zack Holt** (Port Orchard), **Chris May** (Kitsap Co), **Amelia Min-Venditti** (Ecology), **Curtis Nickerson** (Aspect), **Sarah Norberg** (Tacoma), **Rob Plotnikoff** (TetraTech).

*Work Group staff:* **Karen Dinicola** (ECY WQP), SWG Project Manager; and **Brandi Lubliner** (ECY WQP), RSMP Coordinator.

### WORK GROUP NOMINATES CANDIDATES FOR CHAIR AND VICE CHAIR

The SWG chair and vice chair serve a two-year term that begins in March of odd calendar years. Dana de Leon of the City of Tacoma and Kevin Burrell of Seattle Public Utilities were nominated for chair; Abby Barnes of the Washington Department of Natural Resources was nominated for another term as vice chair. The new chair will be selected by a vote at the beginning of the March 15 meeting and will replace current chair Cami Apfelbeck of Bainbridge Island.

### WORK PLAN UPDATES APPROVED

Our proposed work plan for 2017-2018 was updated per feedback given at our November meeting and distributed with the agenda for this meeting. Work group members voted unanimously to approve the updated work plan.

### WORK GROUP HEARS ABOUT EFFORTS TO IMPLEMENT LID IN NON-PERMITTED AREAS

Bob Simmons of WSU Extension has been working with county-based Marine Resource Committees (MRCs) to allocate some of their funding toward projects that address stormwater issues. He detailed efforts in Jefferson County (Port Townsend and Port Hadlock) to address high bacteria through installation of multiple rain gardens. Data are not available to confirm reduction in bacteria, but the installations appear to be functioning well. The projects are made possible by MRC funding, volunteer labor, and City contributions of equipment and materials.

### WORK GROUP HEARS ABOUT CHANGES TO ECOLOGY'S AMBIENT STREAM MONITORING PROGRAM

Glenn Merritt of Ecology's Environmental Assessment Program told the work group about the history and evolution of one of the key ongoing programs the RSMP streams status and trends component is leveraging. The key changes coming to the program include updated sample collection methods, updates to the target sites including a new master sample from a more complete stream network (National Hydrography Dataset), and a few changes in indicators. The indicator changes

are: dropped turbidity, dropped sediment PAHs (note: RSMP used a sieved sediment sampling method), dropped bank stability in favor of a new bank erosion indicator, added periphyton assemblage, and maybe adding metals. Puget Sound was sampled in 2009 and 2013; the next sampling will be in 2020. Feel free to contact [Glenn](#) with questions. He will give a more detailed presentation about the changes at the next PSEMP Freshwater Workgroup meeting.

## **WORK GROUP HEARS SUMMARY OF FRESHWATER WORKGROUP DISCUSSION OF RSMP STREAMS FINDINGS**

The PSEMP Freshwater Workgroup (FWG) includes all members of the former SWG Small Streams Status and Trends Oversight Subgroup and continues to serve as our technical oversight subgroup for the RSMP Puget Lowland Streams Status and Trends monitoring. The FWG had a detailed discussion streams data analysis team about their initial findings on December 6. (We heard from the team at our last meeting in November.)

In addition to answering the SWG's key assessment questions, the team is forming recommendations for future trends monitoring – in particular: parameters, sites, and sampling frequency. They may also recommend some more stormwater-focused assessment questions, and some additional analyses that can and should be done with the RSMP data set. Those recommendations will come to us with the rationale behind them, as well as a range of choices where appropriate. The FWG will meet again next month and we will hear another update at our March meeting. Contact [Leska Fore](#) for more information on the FWG. The stream analysis team's draft report is expected in April.

## **WORK GROUP UPDATED ON RSMP IMPLEMENTATION AND OVERSIGHT**

The PRO-Committee has not met since prior to our last meeting, and will next meet on February 6. In addition to the streams update above, RSMP Coordinator Brandi Lubliner provided a detailed update on RSMP activities, contracting decisions, and upcoming projects. The details are listed in the meeting agenda. Additional points:

- Brandi underscored the need to have our many technical oversight groups providing feedback on RSMP contract work to help keep projects on time and providing quality deliverables.
  - A project liaison is needed for the King County PCB Cycling effectiveness study. Contact [Brandi](#) if you can fill this role.
- The SWG Source ID Subgroup will meet next week to finalize data fields and drop-down menus for the IDDE tracking form. They will also make recommendations for future S8.D fund expenditures. We will discuss these topics at our next meeting in March.

## **RSMP IS GETTING A NEW NAME**

A majority of the PRO-C members serve on the RSMP Communication Advisory Committee. As part of its work advising the Association of Washington Cities on points of a broad communication strategy for sharing RSMP findings, the committee decided that the regional stormwater monitoring program funded by municipal stormwater permittees should be called Stormwater Action Monitoring (SAM) in the future. The name change will be rolled out as part of the communication strategy to make sure stormwater managers know what SAM projects are underway, when findings are expected, and what they should be doing with the findings. Work group members voted (all in favor except one) to approve the name change.

## **UPDATES ON PSEMP AND PSP ACTIVITIES RELATED TO OUR WORK: IMPLEMENTATION STRATEGIES**

JLARC recently audited PSP and, in its findings that the monitoring is not connected to recovery actions, held out some promise that the new approach to developing implementation strategies for reaching vital sign indicator targets might correct this failing. Andy James described opportunities for work group members to participate/provide input in the development of these strategies.

The “starter package” outline and review of ongoing programs for the B-IBI implementation strategy were sent out in advance of today's meeting. Please send [Andy](#) comments on the outline, particularly missing topic areas that ought to be included, by January 24 and comments or additions to the ongoing programs list by January 30. There will be further opportunities to provide input. The Toxics in Fish implementation strategy will be coming next.

The SWG is the PSEMP workgroup that is most closely connected to recovery actions. Other workgroups will be discussing how they might include effectiveness monitoring for key strategies to meet other vital sign indicator targets.

## **OTHER UPDATES RELATED TO OUR WORK**

Ecology will be holding “listening sessions” in late February and early March to share the input of the *ad hoc* group and gather feedback from more stakeholders to inform the next municipal stormwater permits. Monitoring is not expected to be one of the highlighted topics.

Work group members may want to investigate how they might be affected by a state bill regarding entering or crossing private land to collect resource data: <http://lawfilesexternal.wa.gov/biennium/2017-18/Pdf/Bills/House%20Bills/1104.pdf>

## **FUTURE MEETING DATES AND PROPOSED DISCUSSION TOPICS**

At all of our meetings, we will:

- Hear updates from the RSMP/SAM Coordinator and PRO-Committee on RSMP/SAM implementation,
- Continue to discuss RSMP/SAM implementation and oversight outside the permit structure,
- Hear from our subgroups about the status of implementing our current work plan,
- Hear updates on the RSMP/SAM communication strategy,
- Determine messages and timing for the next SWG Reporter issue, and
- Hear updates about PSEMP and Action Agenda coordination and other updates related to our work.

At our next meeting on Wednesday, March 15, 2017 from 9:00 am to 12:00 pm at the TAGRO Visitor Center in Tacoma, we will also:

- Select the next SWG Chair and Vice Chair for a two-year term beginning in March 2017,
- Discuss technical reviews of RSMP/SAM round two effectiveness study proposals,
- Hear about progress toward developing recommendations for future RSMP/SAM trends monitoring in streams,
- Hear findings from WSDA’s analysis of pesticides in sediment at 80 Puget Lowland stream sites,
- Discuss next steps for RSMP/SAM marine nearshore bacteria data collection and analysis,
- Hear about Pierce County’s source identification analysis findings and lessons learned,
- Discuss the recommended data fields and proposed expenditures for future RSMP/SAM Source ID work, and

Work group meetings scheduled in the remainder of 2017 are on March 15, June 7, September 13, and November 15.

## **ACRONYMS USED IN THIS MEETING SUMMARY:**

B-IBI – (Stream) benthic index of biotic integrity

ECY EAP – Washington Dept. of Ecology’s Environmental Assessment Program

ECY WQP – Washington Dept. of Ecology’s Water Quality Program

FWG – (PSEMP) Freshwater Workgroup

IDDE – Illicit Discharge Detection and Elimination

JLARC – Joint Legislative Audit and Review Committee

LID – low impact development

PCB – polychlorinated biphenyl

PCSGA – Pacific Coast Shellfish Growers Association

PRO-C or PRO-Committee – Pooled Resources Oversight Committee

PSEMP – Puget Sound Ecosystem Monitoring Program

PSP – Puget Sound Partnership

RSMP – the permittee-funded regional stormwater monitoring program, to be called SAM in the future

SAM – Stormwater Action Monitoring, the new name for the regional stormwater monitoring program

SWG – Stormwater Work Group

USFWS – U.S. Fish and Wildlife Service

USGS – U.S. Geological Survey

UWT PSI – University of Washington, Tacoma Puget Sound Institute

WDNR – Washington Dept. of Natural Resources

WSDA – Washington Dept. of Agriculture

WSDOT – Washington Dept. of Transportation

WSU – Washington State University