Collaborating to use lessons learned for improved stormwater management

Doug Navetski, Municipal Permit Coordinator
King County Water and Land Resources Division, Stormwater Services

and

Blair Scott, Assistant Municipal Permit Coordinator
King County Water and Land Resources Division, Stormwater Services
What are we going to talk about today?

• Overarching issue
• Municipal Stormwater Permit
• Developing the 2018 Ad-Hoc Group
• Lessons learned
• Next Steps
2007 Satellite-Derived Land Use (UW 2007)

2040 Simulated Land Use (Alberti 2009)
Current Investment

“Puget Sound permittees invested between $160 million to $170 million in 2009 to implement the NPDES municipal stormwater permits, which represent a significant portion of the total amount they spend on overall stormwater control.” (Bissonnette, 2010)
1995 • First Permit

2007 • Proscriptive
• Level of Effort
• Required programs

2013 • Source Control
• Stormwater Infrastructure

2018
Permit Issuance Process
Regional Permittees

- Pierce County
- Thurston County
- Clark County
- King County
- Kitsap County
- Snohomish County
- City of Redmond
- City of Auburn
- City of Tukwila
- City of Sea Tac
- City of Tacoma
- City of Bellevue
- City of Seattle
- City of Marysville
- City of Everett
- City of Sammamish
- City of Renton
- City of Vancouver
- City of Centralia
- City of Kirkland
- City of Newcastle
- City of Bainbridge
- WSDOT
Ground Rules

Ground rules:

- This is Ecology's permit to write, they have the legal responsibility and have a regulatory process they must follow. These ad hoc dialogs are advisory and do not supersede any Ecology process.
- Everyone is welcome to participate and this is an open and transparent process.
- This process does not replace any other right or responsibility. Participation in this process does not prevent or preclude any participant from directly submitting separate ideas or comments to Ecology or any formal appeal process.
- The Topic Groups will try for consensus. If consensus is not reached, the topic groups will provide the range of perspectives as well as an indication of the level of support for those various perspectives in submittals to Ecology for their consideration.
- We will use existing groups like STORM and ROADMAP, where appropriate, to organize topic discussions.

Structure:

- The Ad Hoc group can help function as the organizing conduit and is open to all attendees. The group can serve as a resource to coordinate the various outreach efforts.
- The Topic Groups will discuss specific topics on technical or policy specific issues. Topic Groups are expected to provide Ecology with specific suggestions and ideas for use in the writing of the 2018 Phase I and Phase II Municipal NPDES Stormwater Permits.
- There is an interest in holding a "confluence" of ideas this fall – Please elaborate. The Ad Hoc group should not have the authority to review and edit any work products from the Topic Groups for other than Format and Grammar.

Schedule:

- The Ad Hoc Committee will meet as needed.
- The Topic Groups should submit the Group’s recommendations to Ecology by the end of September, 2016. It’s our understanding that comments from the Topic Groups will continue to be accepted into the spring of 2017, but should include only minor clarifications or changes.
Topic Groups

- Construction site sediment
- Definitions and Acronyms
- Education and Outreach
- IDDE
- Mapping

- Monitoring and Assessment
- Operations and Maintenance
- Differences between Phase I and Phase II
- Structural Stormwater Controls
- Watershed Scale Planning
Adaptive Management
SUPPLEMENTED PERMIT PROCESS

Sept 30 2016
Early input was due from Ad hoc Topic Groups to Ecology

May 2017
Ecology met with Phase I Permittees to discuss the development of a retrofit requirement.

Jan 2017-April 2017
Ecology conducted workshops building on the Ad hoc input

May 2017- Sept 2017
Potential opportunities to give feedback on draft permit language

Fall 2017
Ecology to start formal comment period.

August 30th 2018
Ecology to reissue Permit on time.

2018 Municipal Stormwater Permit
So far so good!
What’s Next
The Magnitude of Stormwater needs

$3B-$15B
(Bissonnette 2010)

$126B-$132B
(KC-WRIA 9 SUSTAIN 2014)