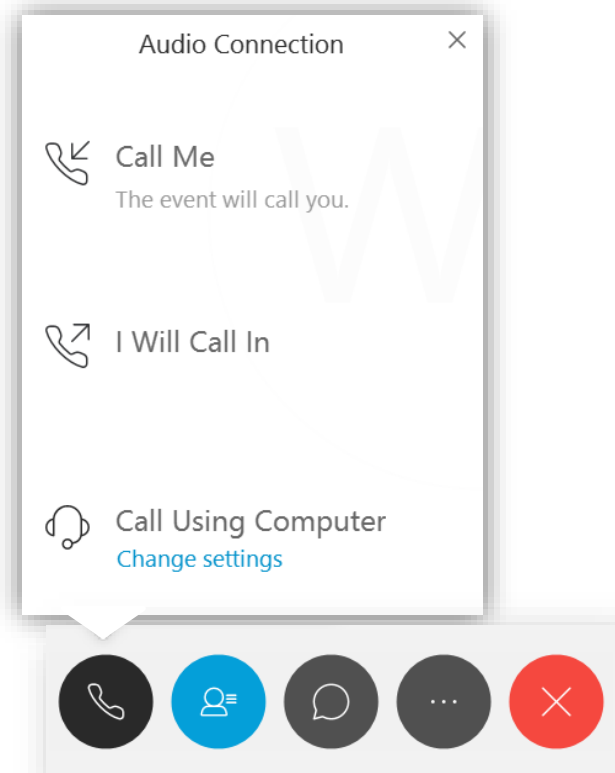


Public Hearing: Municipal Stormwater Permits

Connecting to Audio:

- After joining the webinar, look for the 'Audio Connection' pop-up.
- Select the 'Call Me' option (best audio quality)
- The webinar will call your phone

We will do a sound check 10 and 5 minutes before the scheduled start of the webinar.



Having technical difficulties? Let us know via the chat box, or email dena.jaskar@ecy.wa.gov.



WEBINAR FEATURES: CHAT BOX

The screenshot displays the Cisco Webex Events application window. The title bar reads "Cisco Webex Events" and the menu bar includes "File", "Edit", "View", "Communicate", "Participant", "Event", and "Help". The main content area shows a large circular placeholder with the letters "WH" and a label "Water Quality HQ (Host)". A blue callout box with a yellow border and a yellow arrow points to the chat icon in the bottom toolbar. The callout text reads: "CLICK ON THIS SYMBOL TO OPEN THE CHAT BOX". The bottom toolbar contains five icons: a microphone, a person icon, a speech bubble icon (highlighted by the callout), a three-dot menu icon, and a red close icon. On the right side, a sidebar is visible with sections for "Participants" (showing "Panelist: 1" and "Attendee:"), "Chat" (with a text input field "Enter chat message here"), and "Q&A". The status bar at the top right indicates "Connected".



NAVIGATING THE WEBINAR FEATURES

The screenshot displays the Cisco Webex Events application window. The title bar reads "Cisco Webex Events" and the menu bar includes "File", "Edit", "View", "Communicate", "Participant", "Event", and "Help". The main content area shows a large circular placeholder with the letters "WH" and a label "Water Quality HQ (Host)". At the bottom of the main area is a toolbar with icons for microphone, video, chat, more options, and a red exit button. A blue callout box with the text "CLICK ON THIS SYMBOL TO OPEN THE CHAT BOX" has an arrow pointing to the chat icon in the toolbar. On the right side, there are three panels: "Participants" (showing "Panelist: 1" and "Attendee: YN Your Name (me)"), "Chat" (with a "To: Host" dropdown and a text input field "Enter chat message here"), and "Q&A". A blue callout box with the text "TYPE HERE TO CHAT WITH HOST" has an arrow pointing to the "Enter chat message here" text input field. The top right corner shows a "Connected" status with a blue dot.



NAVIGATING THE WEBINAR FEATURES

The screenshot displays the Cisco Webex Events application window. The title bar reads "Cisco Webex Events" and includes standard window controls. The menu bar contains "File", "Edit", "View", "Communicate", "Participant", "Event", and "Help". The main content area shows a large circular placeholder with the letters "WH" and a label "Water Quality HQ (Host)". A bottom toolbar contains icons for microphone, video, chat, and other controls. On the right, a sidebar shows a list of participants under "Participants", including "Panelist: 1" and "Attendee:". A callout box with a yellow border and blue background contains the text "CLICK ON THIS SYMBOL TO 'RAISE YOUR HAND'", with a yellow arrow pointing to a hand icon in the participant list.

Cisco Webex Events

File Edit View Communicate Participant Event Help

Water Quality HQ (Host)

WH

Water Q... (Host)

Attendee:

YN Your Name (me)

CLICK ON THIS SYMBOL TO "RAISE YOUR HAND"

Chat

To: Host

Enter chat message here

Q&A



NAVIGATING THE WEBINAR FEATURES

The screenshot displays the Cisco Webex Events application window. The title bar reads "Cisco Webex Events" and the menu bar includes "File", "Edit", "View", "Communicate", "Participant", "Event", and "Help". The main content area shows a large circular placeholder with the letters "WH" and a label "Water Quality HQ (Host)". A callout box with a yellow border and blue background contains the text "CLICK ON THIS SYMBOL AGAIN TO 'LOWER YOUR HAND'", with a yellow arrow pointing to a small hand icon in the bottom right corner of the interface. The right sidebar shows a "Participants" list with "Water Q... (Host)" and "Your Name (me)". Below this is a "Chat" section with a "To: Host" dropdown and a text input field "Enter chat message here". At the bottom of the main window are five circular icons: a microphone, a person, a speech bubble, a three-dot menu, and a red "X".

Cisco Webex Events

File Edit View Communicate Participant Event Help

Water Quality HQ (Host)

WH

Water Q... (Host)

Your Name (me)

CLICK ON THIS SYMBOL AGAIN TO "LOWER YOUR HAND"

Chat

To: Host

Enter chat message here

Q&A



Formal Drafts of the Phase I & Western WA Phase II Municipal Stormwater Permits

Water Quality Program
Abbey Stockwell



To-do

- ☐ Permit background
- ☐ Reissuance process
- ☐ Proposed changes
- ☐ Public hearing





The stormwater problem is essentially ...





... how we all use the land every day

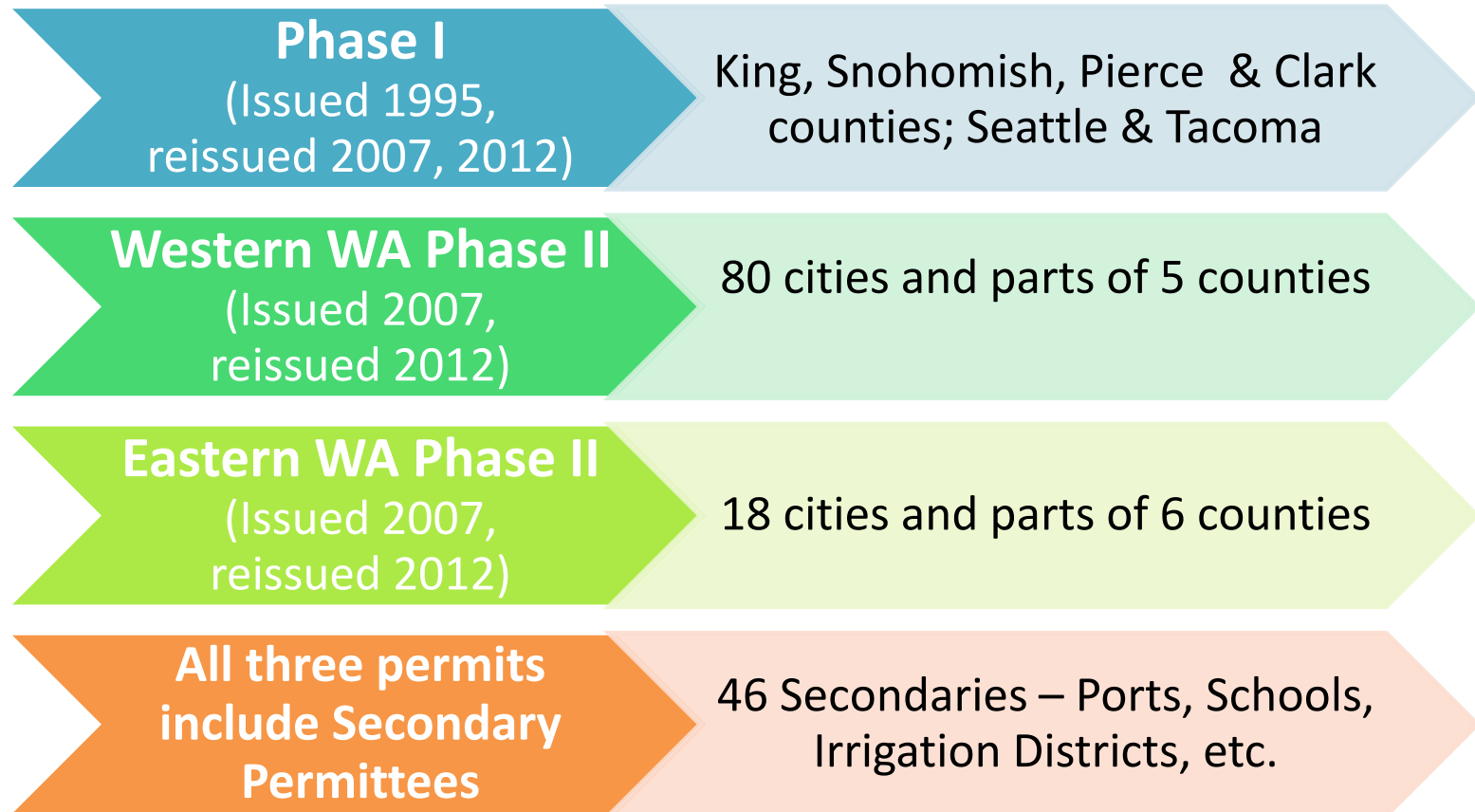


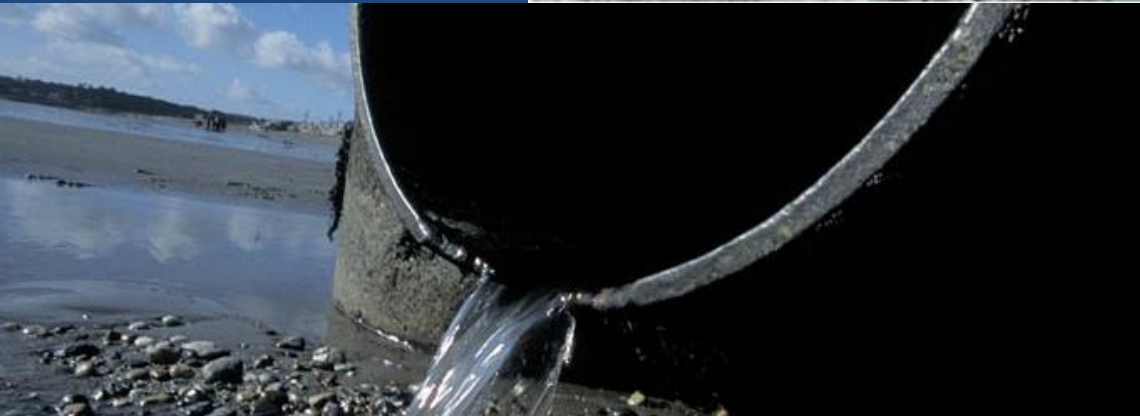
Municipal Stormwater Permits implement federal and state rules

- *Clean Water Act*
- *State Water Pollution Control Act*



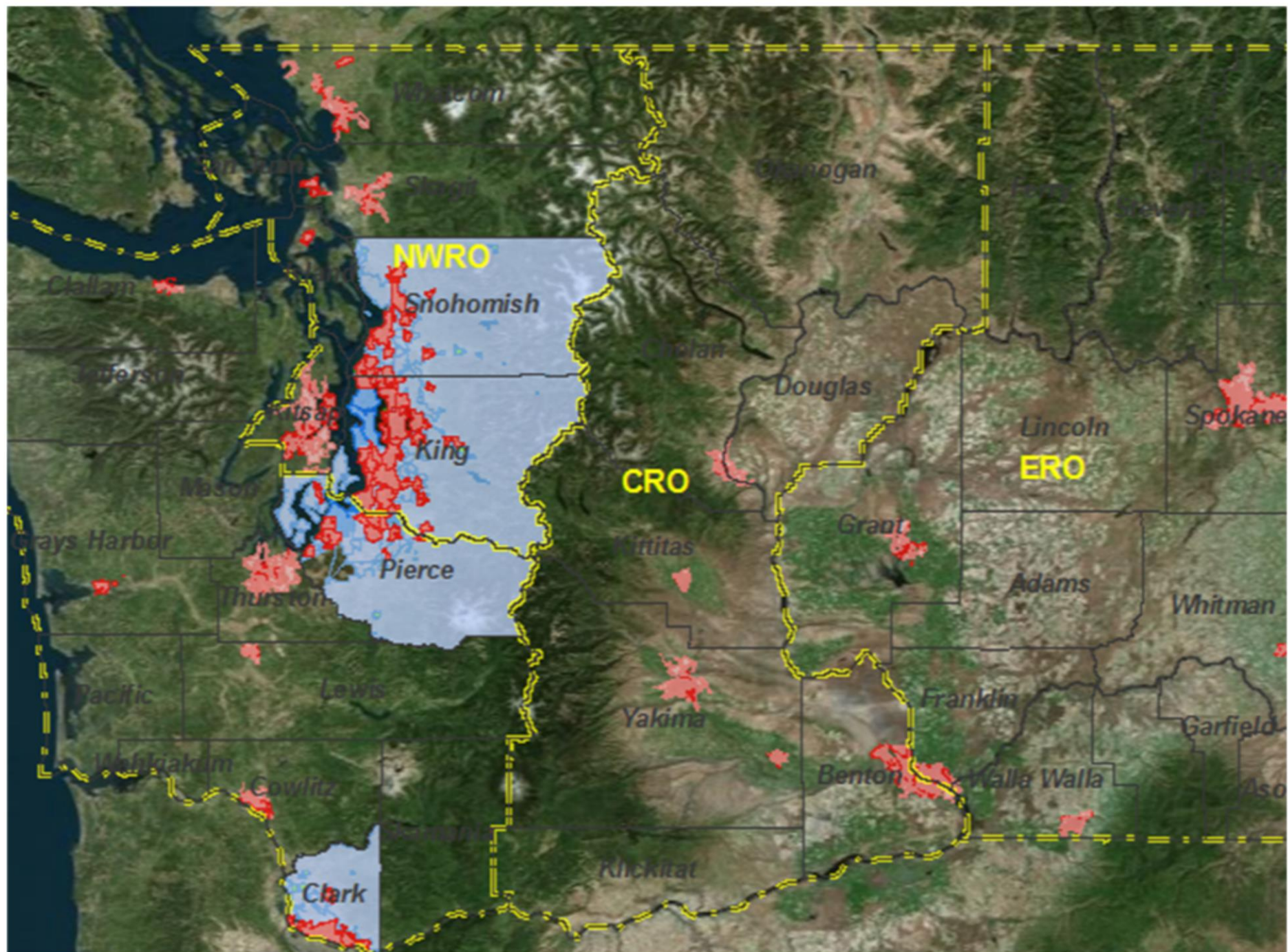
Municipal Stormwater Permits



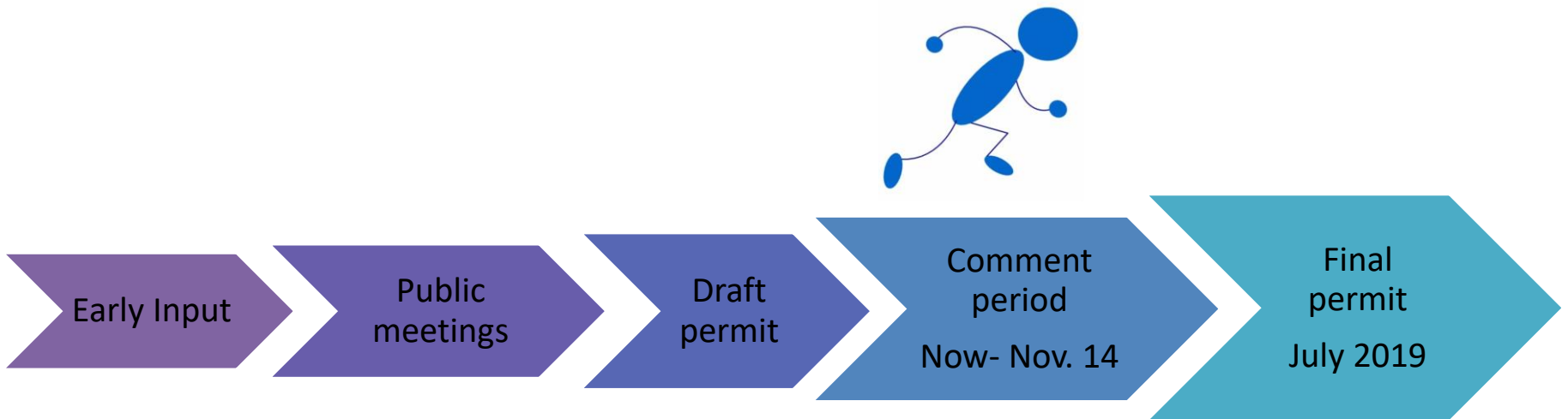


What is
regulated?

Discharges
from **MS4s**:
Municipal
Separate
Storm
Sewer
Systems



Reissuance Process



Ecology's focus

- Improve existing permit framework by:
 - **Maintaining** requirements that were new in the 2013 permit to allow for proper establishment and implementation on the local level.
 - **Refining** permit language so that the requirements are easier to follow to ensure compliance (requirements less likely to be missed or misunderstood).
 - **Enhancing** requirements with smart and effective advancements that prevent pollution and will improve water quality.





Review of Proposed Changes

Sections not covered today

- Updated Appendix 2 - required TMDL actions
- Annual Report Questions
- G.3. notifications
- New Definitions



New Permittees

- Phase II
 - City of Shelton
 - Clallam County
 - UGA surrounding Port Angeles
 - City of College Place (E.WA Permit)



Proposed changes to S5

- Not a comprehensive list of proposed changes
- Revised formatting throughout
- Statewide consistency – where appropriate



Comprehensive Stormwater Planning

New and reused requirements



Let's get started!

Convene an interdisciplinary team

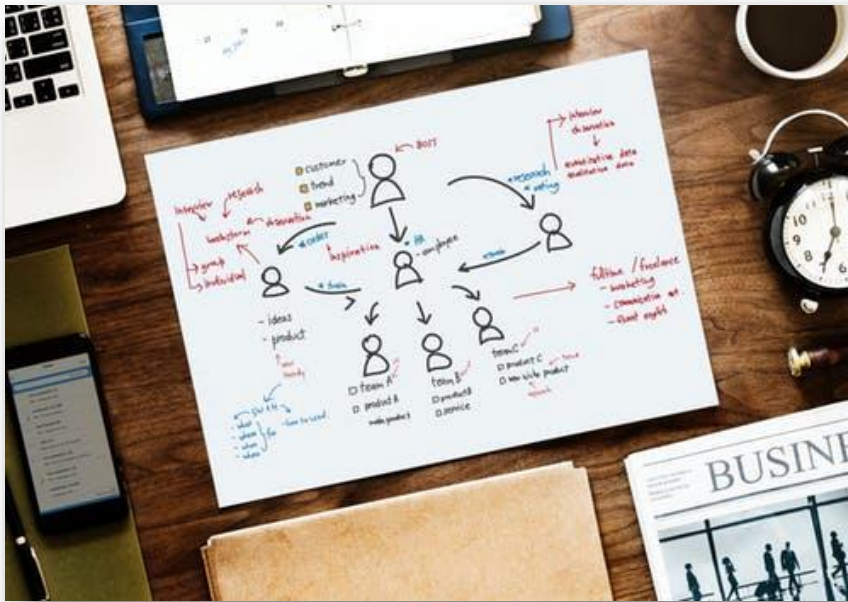


www.pexels.com



Coordination of long-term planning

How do SW mgt needs inform local policies & development strategies?



www.pexels.com



LID code-related requirements

Continue to make LID the **preferred and commonly used approach** to development



Stormwater Management Action Planning



www.pexels.com



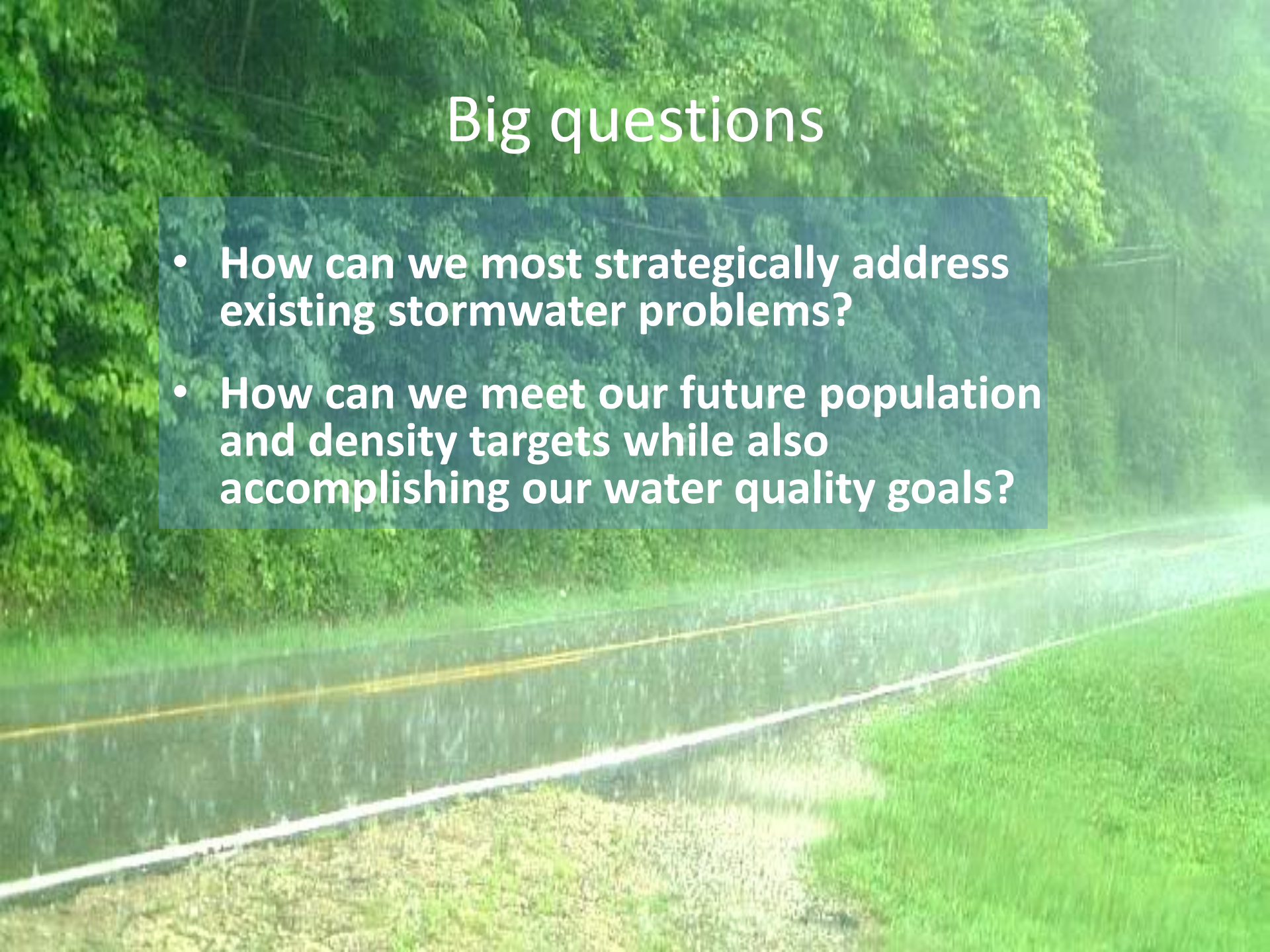
Phase I

- Requirements different from Phase II:
 - Structural SW Controls
 - PH I Counties further develop watershed-scale SW plans developed under 2013 Permit.



Big questions

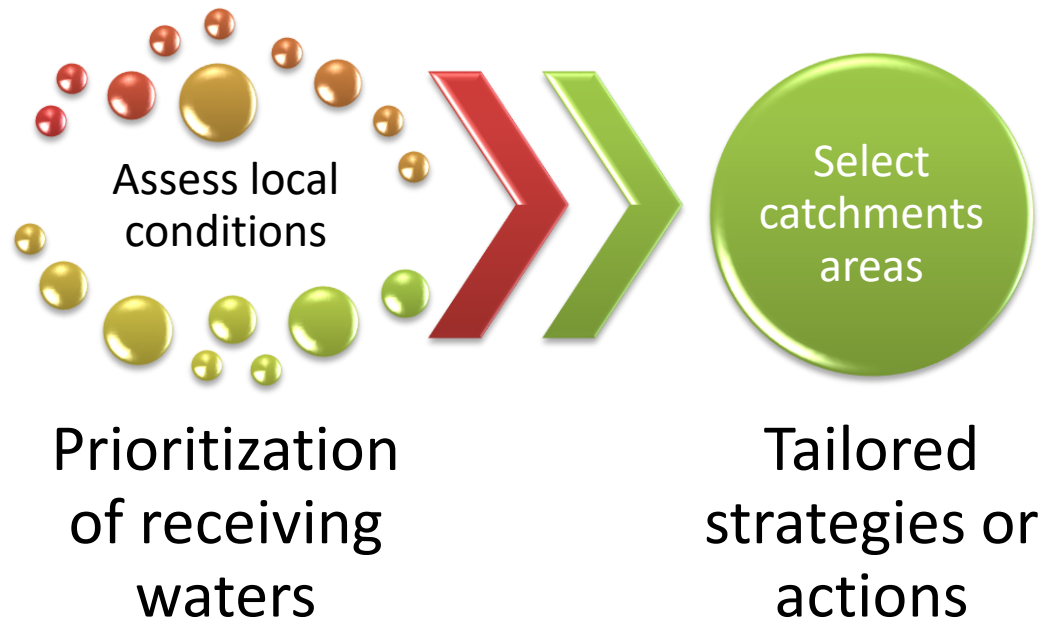
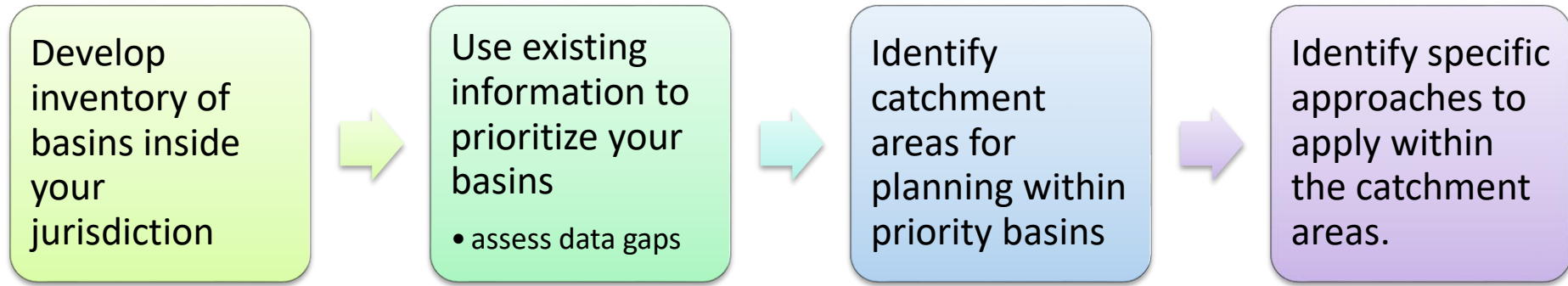
- How can we most strategically address existing stormwater problems?
- How can we meet our future population and density targets while also accomplishing our water quality goals?



Stormwater Management Action Plan (SMAP)

- Three components:
 - Receiving water basin assessment
 - Receiving water basin prioritization
 - SMAP for a high priority basin

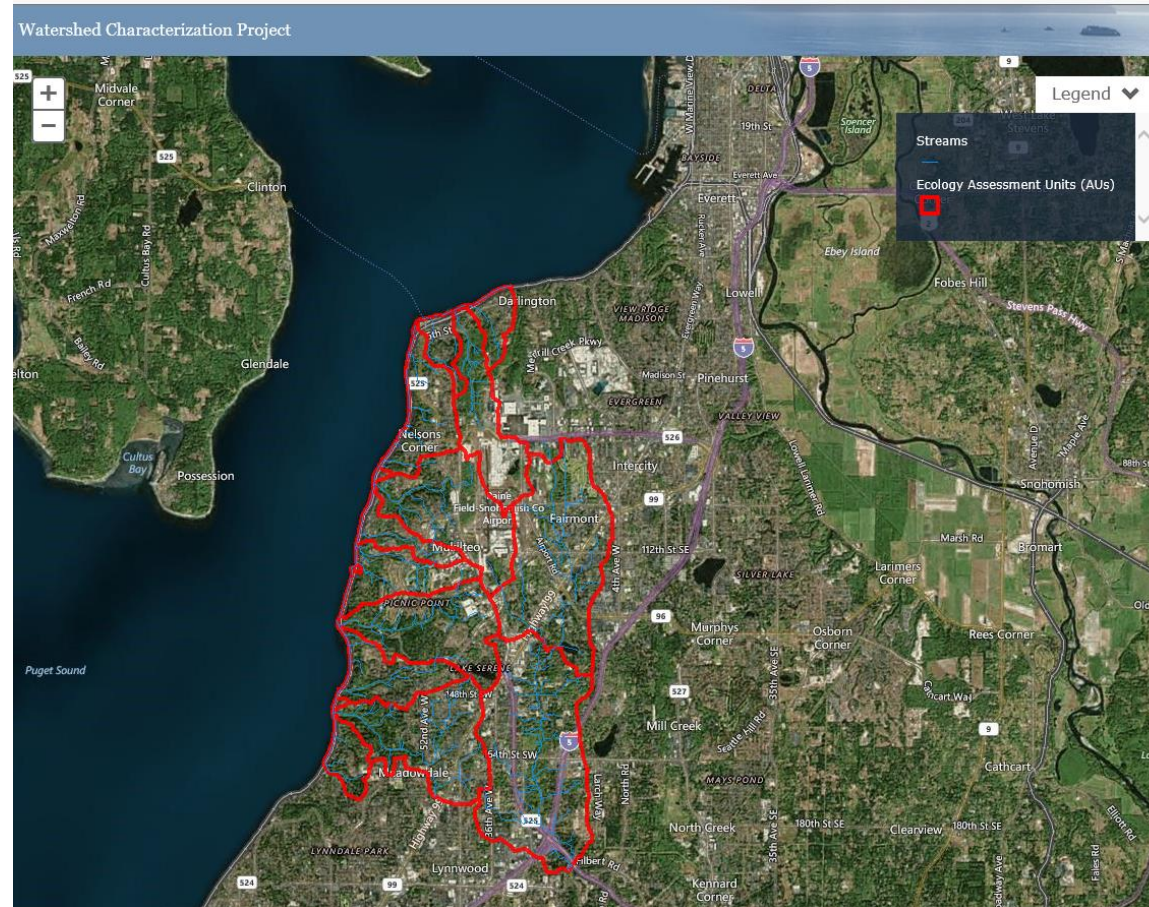




Basin Assessment - Guidance

1. Delineate basins and identify receiving waters,
2. Assess receiving water conditions, and
3. Assess relative conditions, contributions, and influence.

The outcome of this step is a narrowed list of candidate basins that includes the information you need to support your prioritization process.



Receiving water basin prioritization

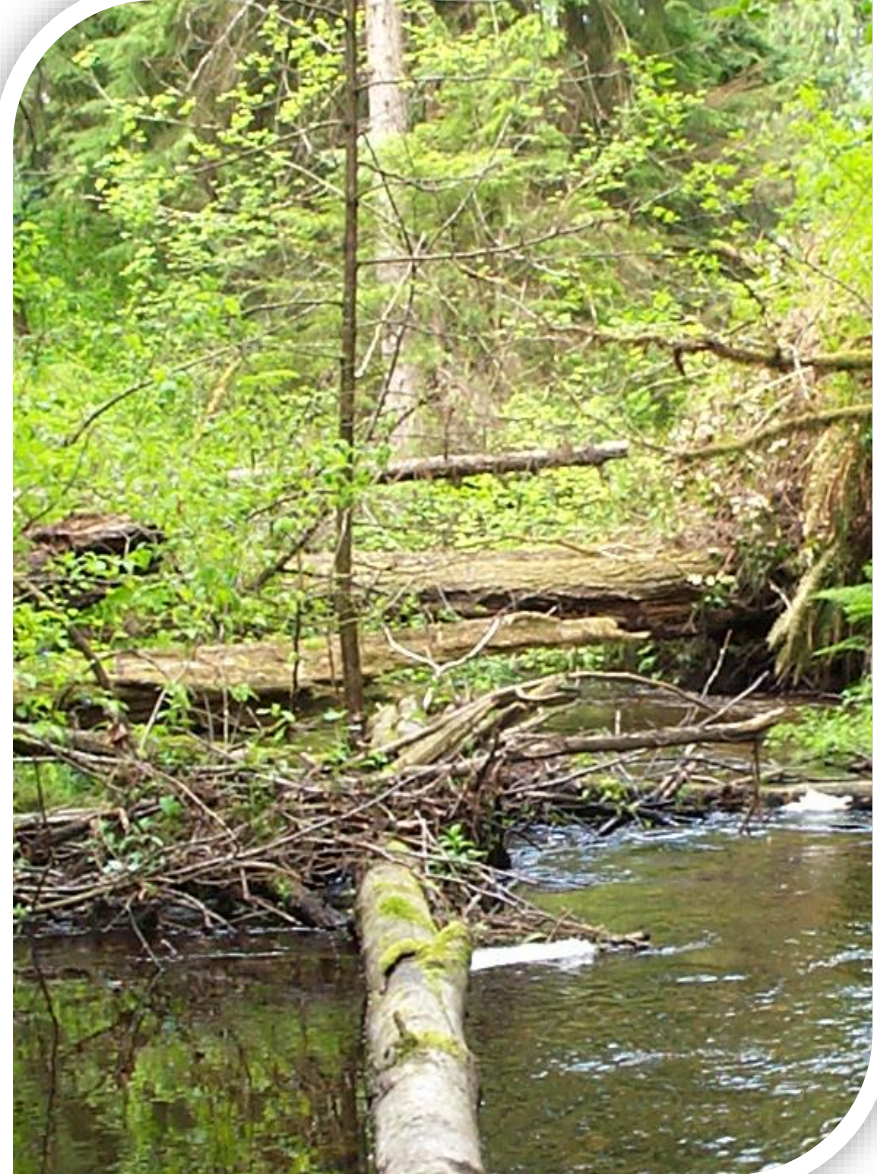
Establish process to
prioritize basins for:

- Stormwater retrofits
- Tailored SW Mgt. strategies



Stormwater Management Action Plan

- Shorter-term goals
 - Implementable in 0-6 yrs
 - e.g. Ed & outreach campaign
- Longer-term goals
 - Implementable in 7-20 yrs
 - e.g. Comp. plan updates
 - e.g. Regional facility planning
- Adaptive Management
 - Feedback loop





Questions

Source Control for Phase II – key elements

- Follows PH I permit requirement
- Authority to require operational and structural BMPs for source control at **existing businesses**
- Inspection program
- Progressive compliance strategy
 - Education/technical assistance
 - Formal enforcement
- Training



Questions

Education & Outreach

- Focused on:
 - Maintaining and refining requirements
 - General awareness
 - Behavior change
 - Stewardship opportunities
- Based on addressing local WQ issue

Education and Outreach

- Inclusion of 'Overburdened Communities'.
- Community-based social marketing (or similar) practices to direct behavior change.



Questions

MS4 Mapping

An aerial photograph of a landscape with a mix of green fields, brown patches, and dense tree cover. A thick blue line is drawn across the image, starting from the top center and winding downwards towards the bottom right. The line appears to represent a waterway or a specific boundary. The text 'MS4 Mapping' is overlaid in white at the top.

- Mapping is its own section
(from PH II IDDE section)
- Clarified “stormwater treatment
and flow control BMPs/facilities.”

New MS4 Mapping

- Size and material for all MS4 outfalls
- Connections from the MS4 to private systems
- PH II required electronic format
- PH I Counties: con't mapping tributary conveyances





Questions

IDDE – tracking and reporting



Prescribed format and reporting method for IDDE activities

- Upload IDDE data; schema described
 - WQ Web Portal
 - Appendix 12, PH II
 - Appendix 14, PH I
- Provides consistent dataset for analysis



Questions

Controlling Runoff

- Timeline to implement old projects carried forward from previous Permits.
- Code updates related to Appendix 1 (in Appendix 10)



Controlling Runoff

- **Manual Equivalency**
 - **Required changes**
 - **Appendix 10, part 2**
 - **Additional proposed changes**
 - **Format for submittal listed in Appendix 10**



Questions

Operations and Maintenance

- 
- Public and private O&M – now all in one section
 - Clarified SWPPP requirements for heavy equipment maintenance and storage yards



Questions

Structural Stormwater Controls

Phase I only

- Introduces a proposed defined level of effort
 - based on “retrofit incentive points”
- Includes detailed guidance referenced by the permit
- Specifies qualifying and non-qualifying project types



Project Types

Qualifying

1. New flow control facility
2. New runoff treatment facility (or treatment and flow control facility)
3. New LID BMPs
4. Retrofit of existing treatment and/or flow control facility
5. Property acquisition
6. Maintenance with capital construction costs \geq \$25,000
7. Restoration of riparian buffer
8. Restoration of forest cover
9. Floodplain reconnection projects
10. Permanent removal of impervious surfaces
11. Other actions to address stormwater runoff into or from the MS4 not otherwise required in S5.C

Non-qualifying

- In-channel habitat and stream restoration.
- Fish barrier removal.
- Stabilization of down cutting.
- In-stream culvert replacement.
- Mitigation projects otherwise required.



Questions

S8. Monitoring and Assessment



Continues implementation of the regional stormwater monitoring program

- Population-based allocation of costs, spread over 5 years
- SAM projects identified and prioritized outside the permit per recommendations of the SWG stakeholder group
- New Lower Columbia urban streams monitoring project
- Same opt-out alternatives for S8.A status and trends and S8.B effectiveness and source identification





Questions

Opportunity to comment

Formal drafts – comments due **11/14/18**

Send **Permit** comments to:

<http://ws.ecology.commentinput.com/?id=JWY6h>

Send **SWMMWW** comments to:

<http://ws.ecology.commentinput.com/?id=YFRKA>

Public Comment Form 1 Comment 2 Review 3 Your Copy

Formal Draft of the Phase I and Phase II Municipal Stormwater General Permits

Ecology is accepting comments on the draft Phase I, Western Washington Phase II, and Eastern Washington Phase II Municipal Stormwater NPDES general permits. Please note that this comment form is for the purpose of submitting a comment to the Washington State Department of Ecology. Commenter contact information is optional. However, contact information is necessary if you want to receive future notices or responses related to this topic.

Commenter Contact Information

All fields are optional unless otherwise indicated.

Submitted by:

Individual ☐

First Name Last Name

Address City/Town

Select a State ☐ ZIP

Email

Your Comment

Comments are due by **11:59 p.m. on November 14, 2018**. To make a comment, please download this [Excel Public Review Comment Template](#) and fill in the spreadsheet with all of your comments. To upload your comments, use the "upload a file" button below, then hit "Continue" to review your comment(s). **Please place all of your comments into the Excel spreadsheet.** This will help us more efficiently respond to your comments.

If you cannot enter your comments using excel, please enter comment(s) in the text area. Then hit "Continue" to review your comment(s). Any information (e.g., personal or contact) you provide on this comment form or in an attachment may be publicly disclosed and posted on the Internet.

Next Steps: After the comment period closes, we will review and respond to comments.

[Permit Resource webpage](#)

Insert comments on Formal Draft of the Phase I and Phase II Municipal Stormwater General Permits

[Upload a File](#)

Uploading a file is optional

You may attach up to five 30 MB files to accompany your submission. Allowed formats are pdf, jpg, jpeg, png, tiff, doc, docx. If you experience technical difficulties submitting your comment please contact the person listed at the bottom of this page.

[Continue](#)

DEPARTMENT OF ECOLOGY
State of Washington

Contact

Abbey Stockwell
Washington State Department of Ecology



What's next?

- October 2 - Mount Vernon
- October 10 – Seattle
- October 30 – DuPont
- November 6 – webinar
- November 7 - Vancouver
- November 14 – Close of comment period



www.pexlels.com



What's next?

July 1:

- Reissue Permits
- Publish RTC
- Publish SWMMWW



Questions