

Bear Creek Watershed-Scale Stormwater Plan Public Meeting #1

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King County

Department of Natural Resources and Parks

February 25, 2016



King County



City of Redmond
WASHINGTON



Snohomish County



Q: What are we doing?

A: A Watershed Plan

The screenshot shows a web browser window with the URL <http://www.kingcounty.gov/environment/watersheds/sammamish/bear-cr>. The page title is "Stormwater Planning Project for Bear Creek Basin". The King County logo is visible in the top left, and a search bar is in the top right. The main navigation menu includes "Home", "How do I...", "Services", "About King County", and "Departments". The page content is titled "Watersheds, rivers and streams" and "Sammamish". A breadcrumb trail reads "You're in: Sammamish Watershed » Bear Creek Basin » Bear Creek Watershed-scale Stormwater Plan".

Samamish Watershed
Bear Creek Basin
Bear Creek Watershed-scale Stormwater Plan
Project map
Project documents
Bear Creek Basin Plan
Issaquah Creek Basin Plan
Issaquah Creek Conditions Report
Allen Lake Outlet Feasibility Study
Allen Lake Outlet Stream Reconnaissance Report
Allen Lake Outlet Rapid Assessment
Related organizations
News archive
Site Map

To offer a suggestion or report an error on the Water and Land Resources' Web site, please contact [Fred Bentler](#), webmaster.

Bear Creek Watershed-Scale Stormwater Plan

A Watershed-Scale Stormwater Plan is currently being developed for the Bear Creek Basin in the Greater Lake Washington (WRIA 8). The goal of this Project is to produce a watershed plan that outlines actions and strategies that will restore Bear Creek to existing and designated uses, so that it provides healthy habitat for Chinook salmon and other aquatic species.

This watershed planning process is intended to create a more direct link between stormwater management and salmon recovery and identify a stormwater management strategy or strategies that would result in hydrologic, water quality, and stream channel habitat conditions that fully support existing and designated uses.

The specific objectives of the project are as follows:

- Demonstrate the ability of multiple jurisdictions to collaborate on a watershed basis. Establish multi-jurisdictional partnerships focused on working together to restore Bear Creek.
- Holistically assess existing conditions of in-stream habitat, near-shore buffer integrity, and watershed/stormwater characteristics. Look at existing data and studies; initiate the collection of new data; and develop the necessary mapping for accurate watershed characterization.
- Model existing conditions and future conditions: Develop the analytical tools to estimate both hydrologic and water quality issues.
- Model potential solution suites: Identify the land use and stormwater management strategies to achieve established goals for restoring Bear Creek, while recognizing possible economic constraints.
- Collaboratively develop an implementation plan that transcends jurisdictional boundaries.

Public Meeting
Thursday, February 25th
6:30 - 8:30 PM
Redmond Senior Center

Sign up for Bear Creek news:
Enter email address

Related information

- Water Resource Inventory Area (WRIA) 8 habitat restoration
- Stormwater services and information
- NPDES permit related
- Low impact development (external link)

Related agencies

- Water and Land Resources Division
- Dept. of Natural Resources and Parks

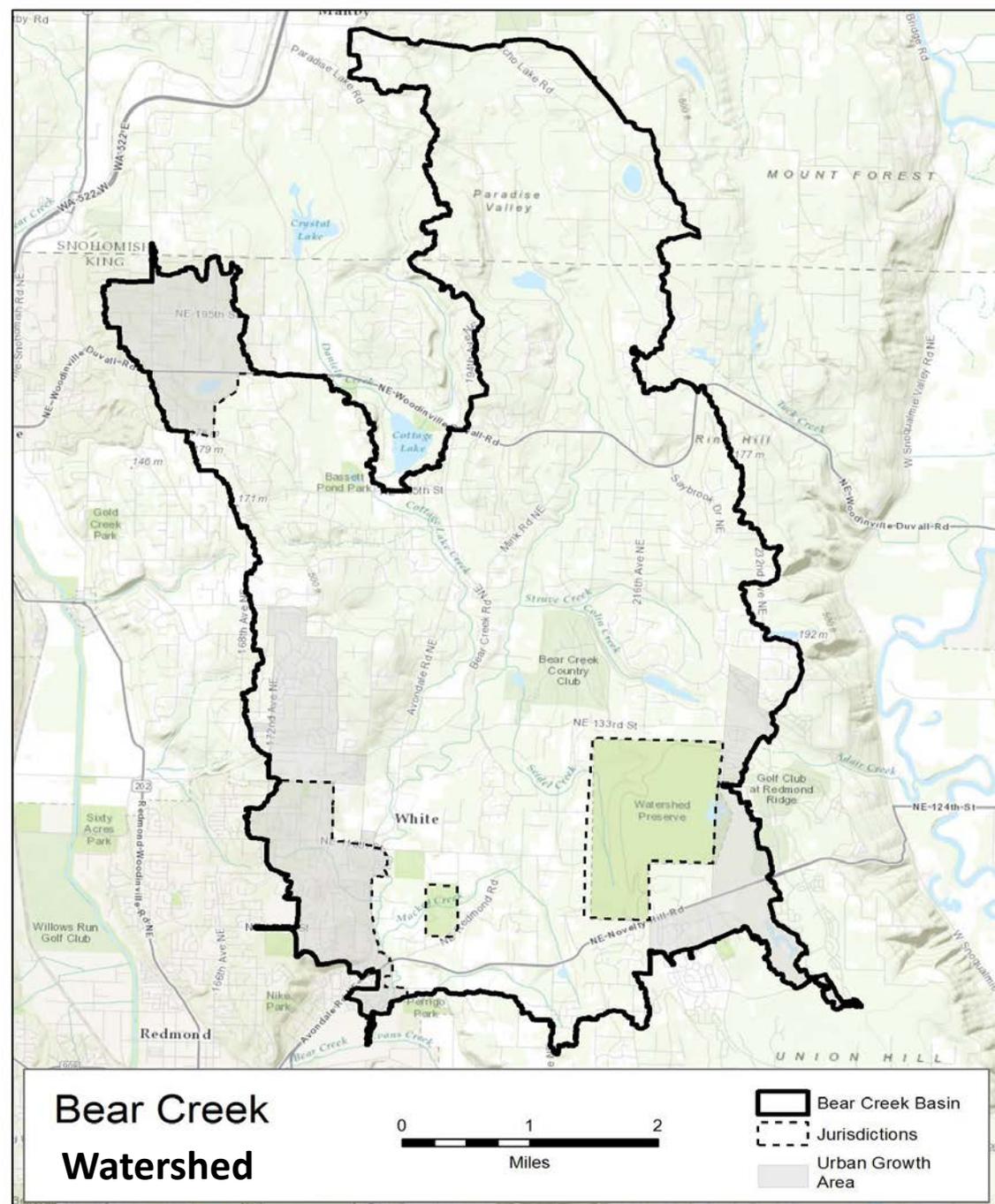
www.KingCounty.gov/BearCreekPlan

King County will lead the planning process in collaboration with [Snohomish County](#), [City of Redmond](#), [City of Woodinville](#), and the [Washington State Department of Transportation](#) to develop the Bear Creek Watershed-Scale Stormwater Plan.

Information for... Do more online Contact us

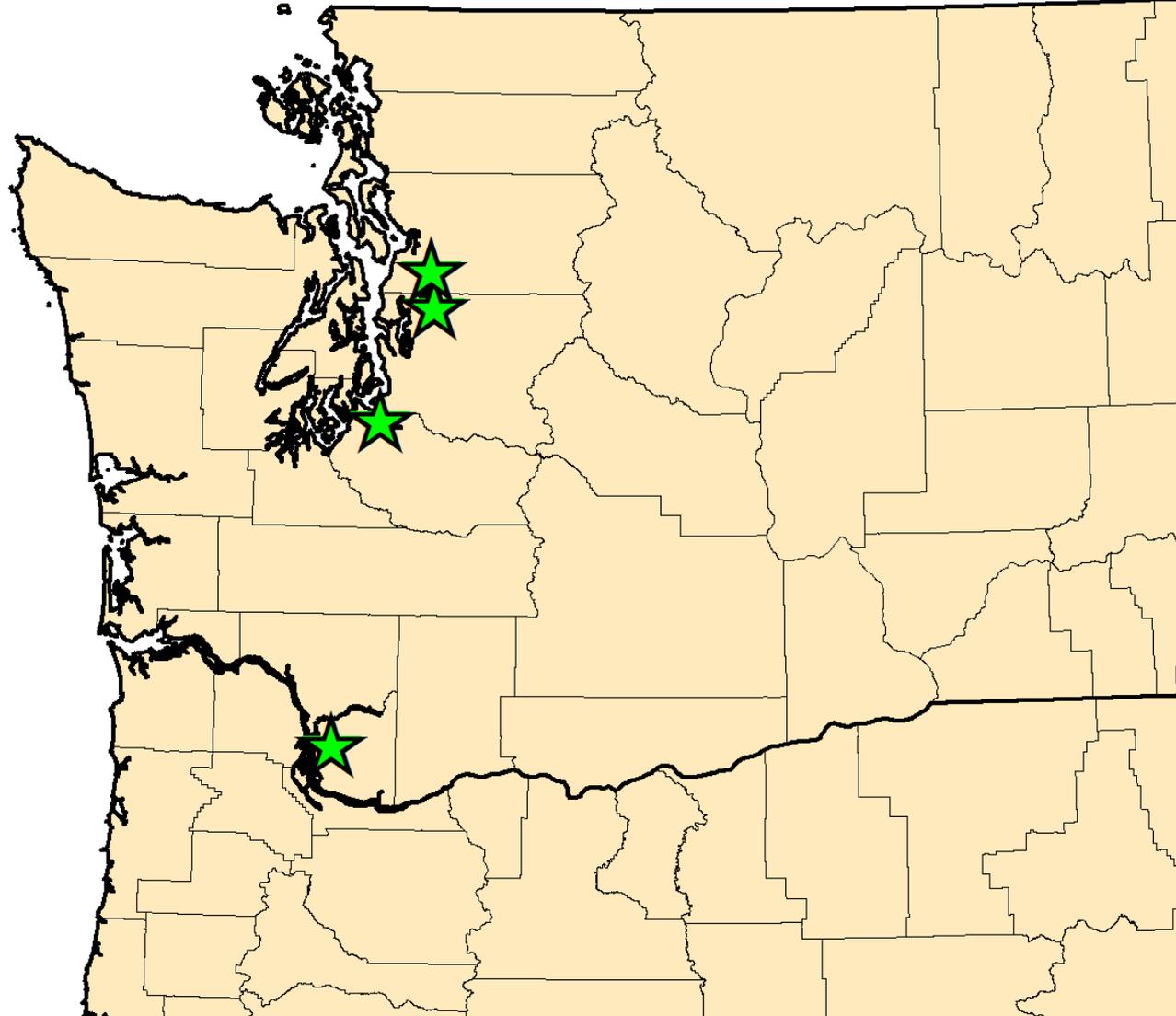
Bear Creek Watershed* and Partners

- King County (Lead)
- Snohomish County
- City of Redmond
- City of Woodinville
- Washington State DOT

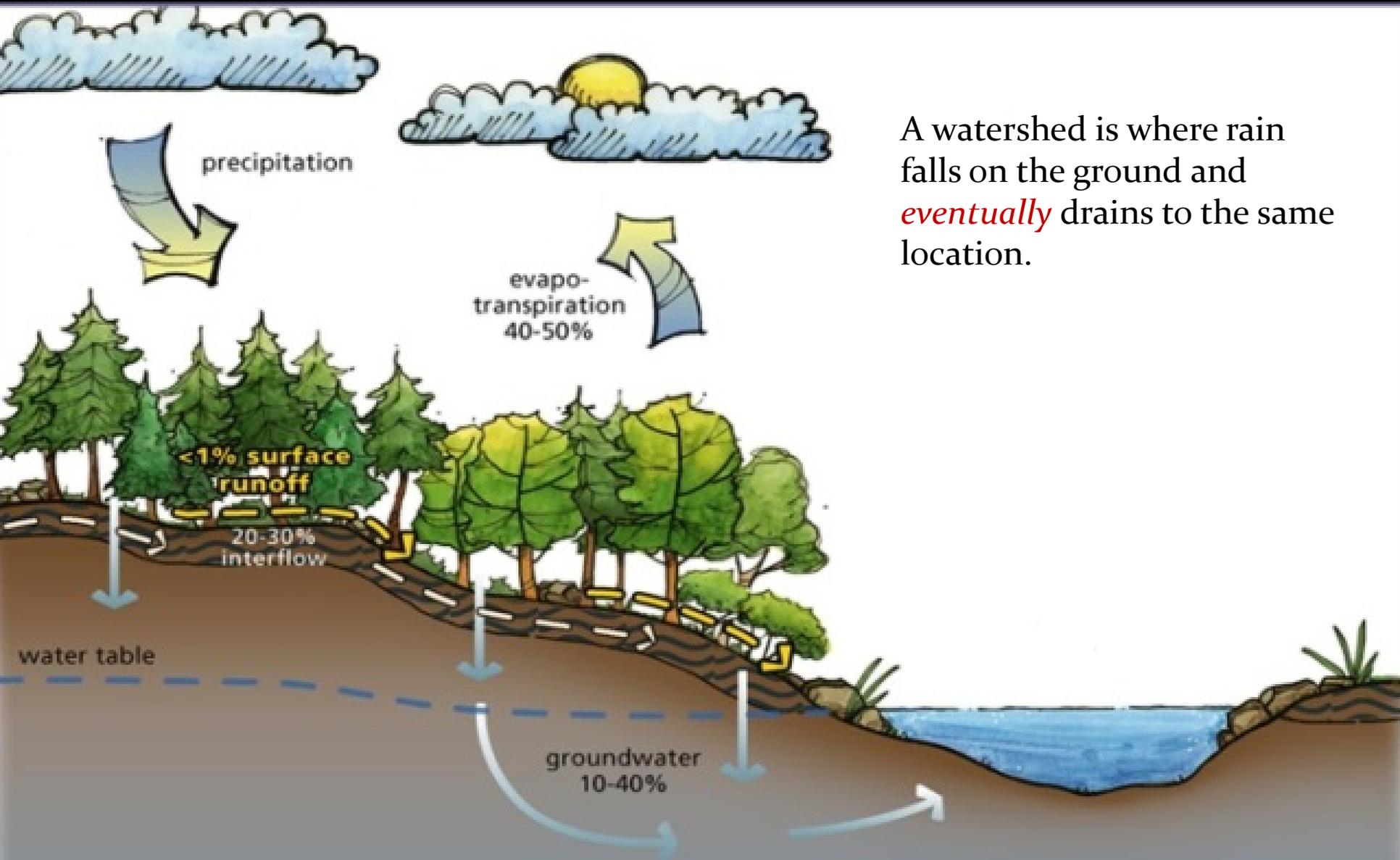


Who else is doing this?

- King County
- Snohomish County
- Pierce County
- Clark County

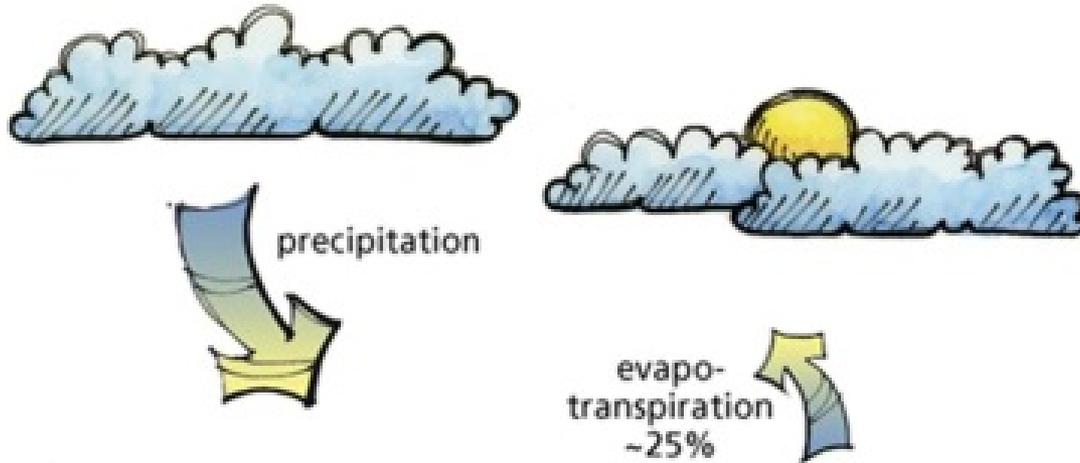


What is a watershed?



A watershed is where rain falls on the ground and *eventually* drains to the same location.

What happens when developed?

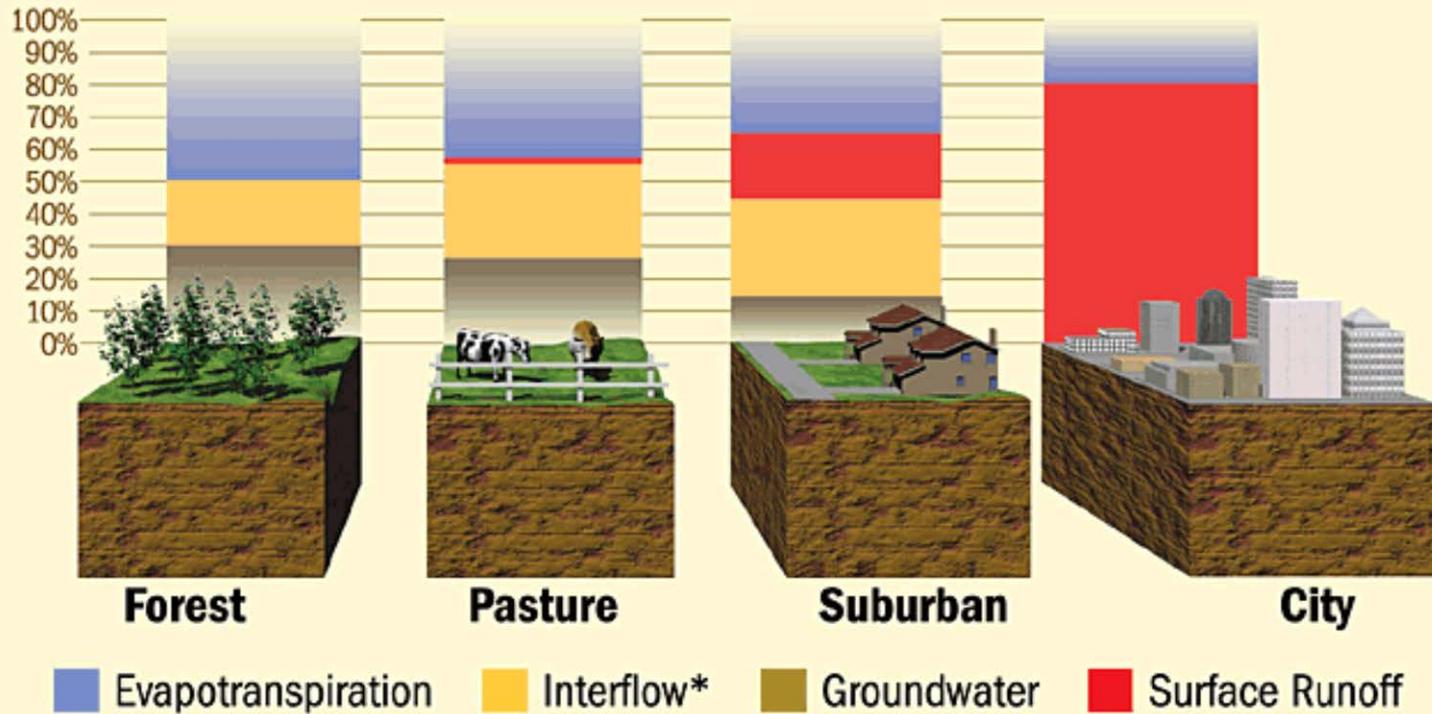


A watershed is where rain falls on the ground and *eventually* drains to the same location.



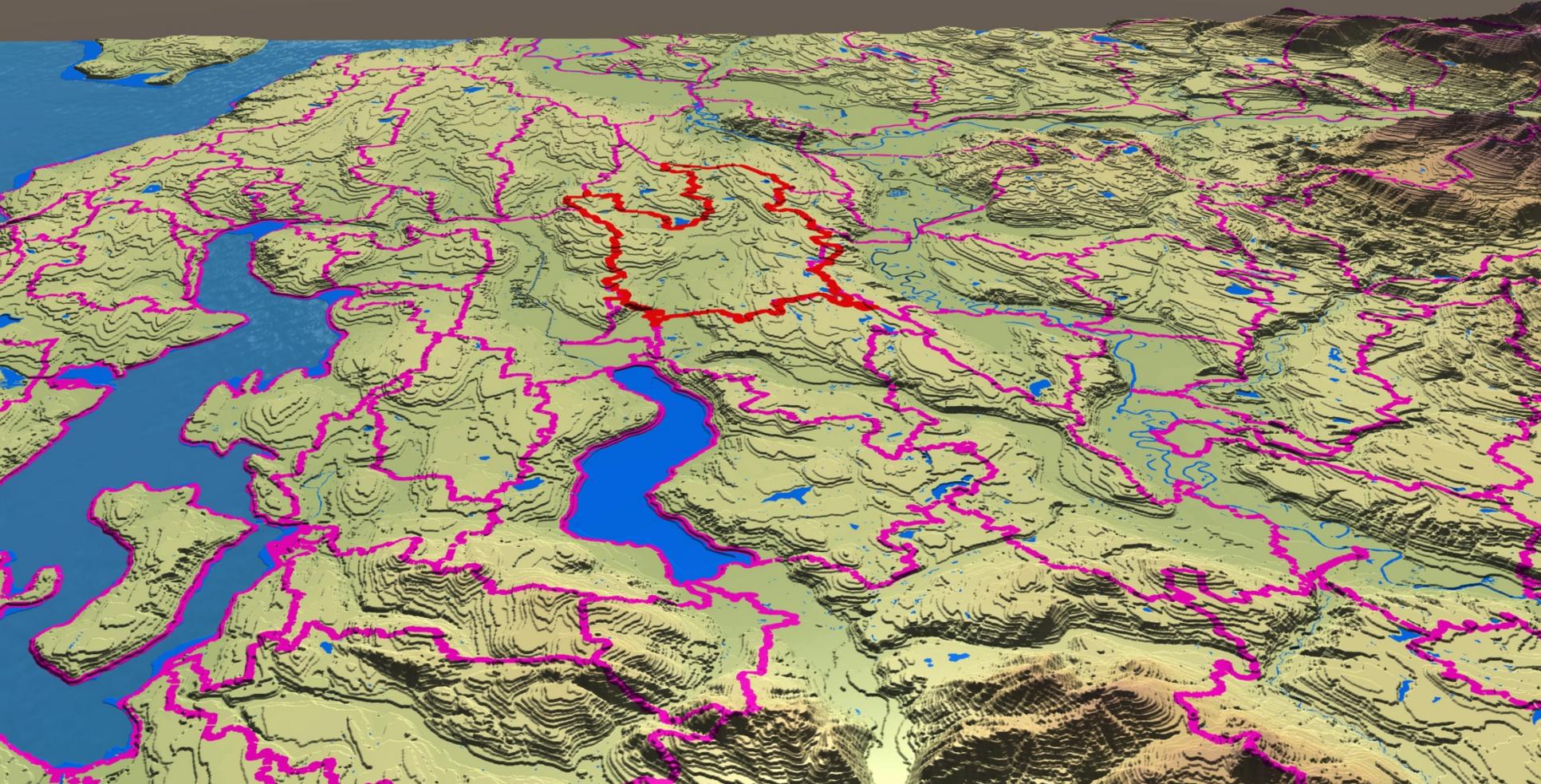


Where Does the Rain Go?



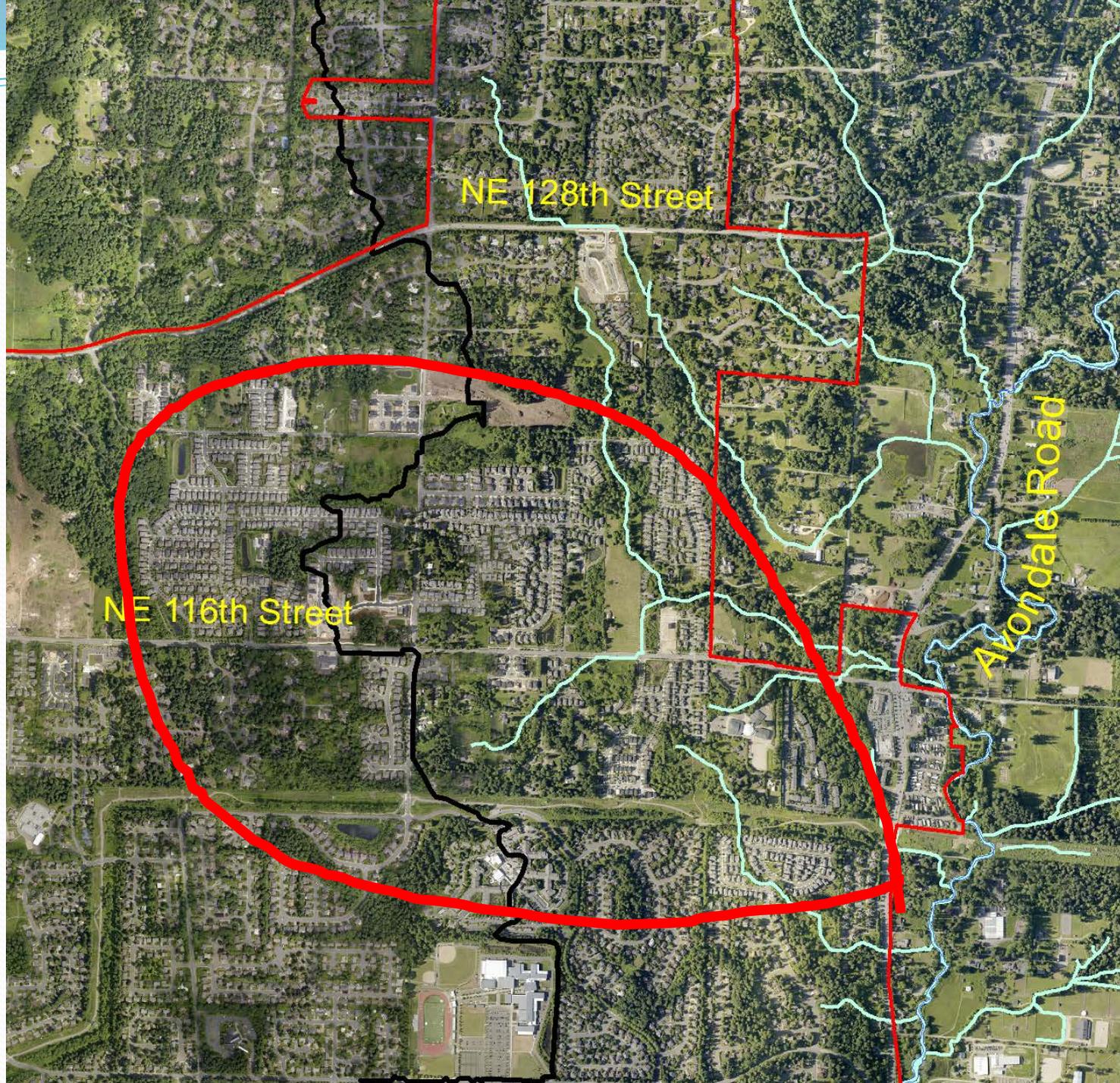
*water that travels just below the surface

Bear Creek Watershed Study Area



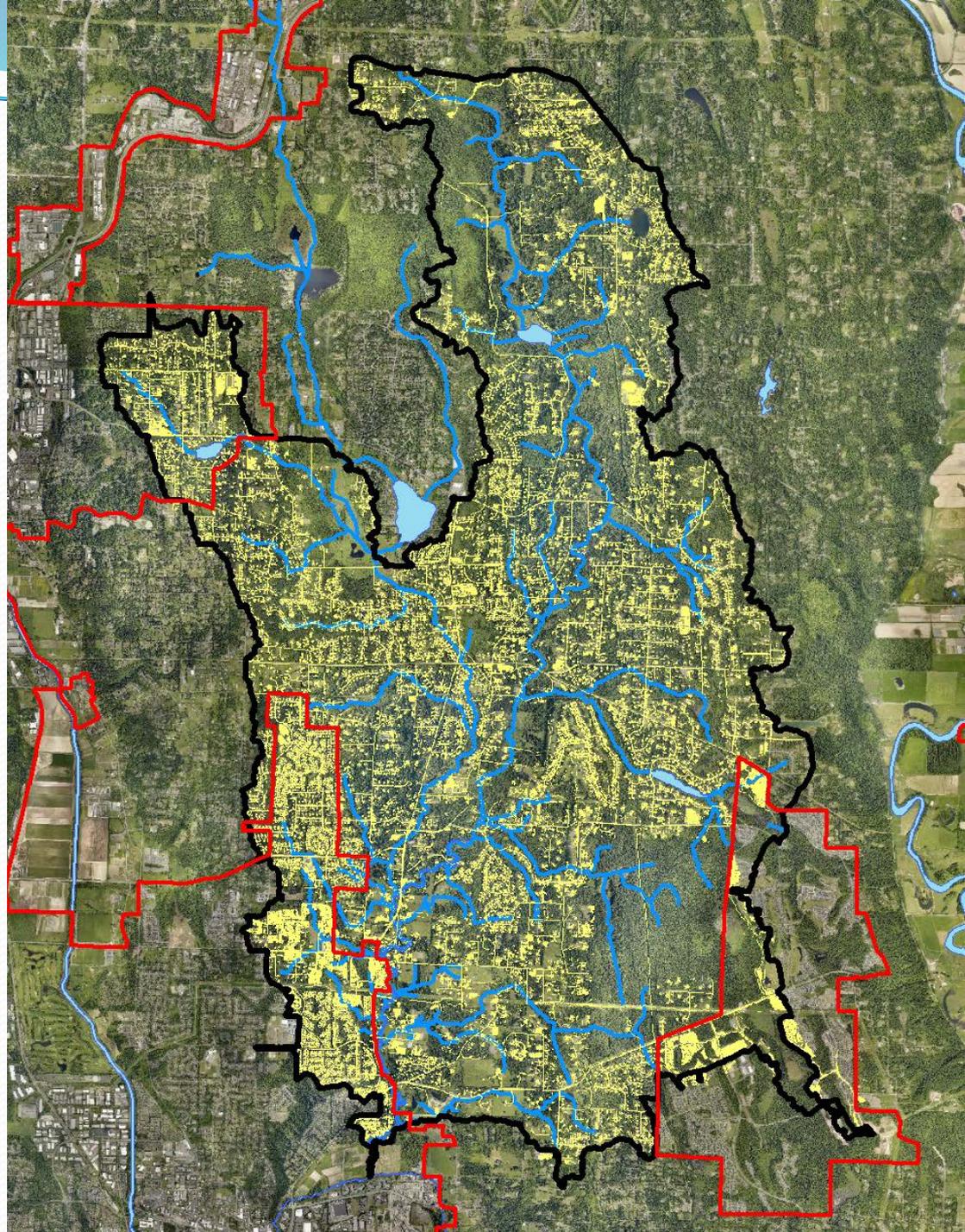
Past and Present

- 1936
- 1996
- 2013



Study Area Now

- Impervious Surfaces



What is the purpose?

To Restore Bear Creek so that it provides healthy aquatic habitat for Chinook salmon and other species now and into the future.



Why do we care?

- In good shape, but has known problems
 - Water quality
 - Stream flow
- Most stormwater management facilities are outdated
- Re-, New- development
- Iconic salmonid Species



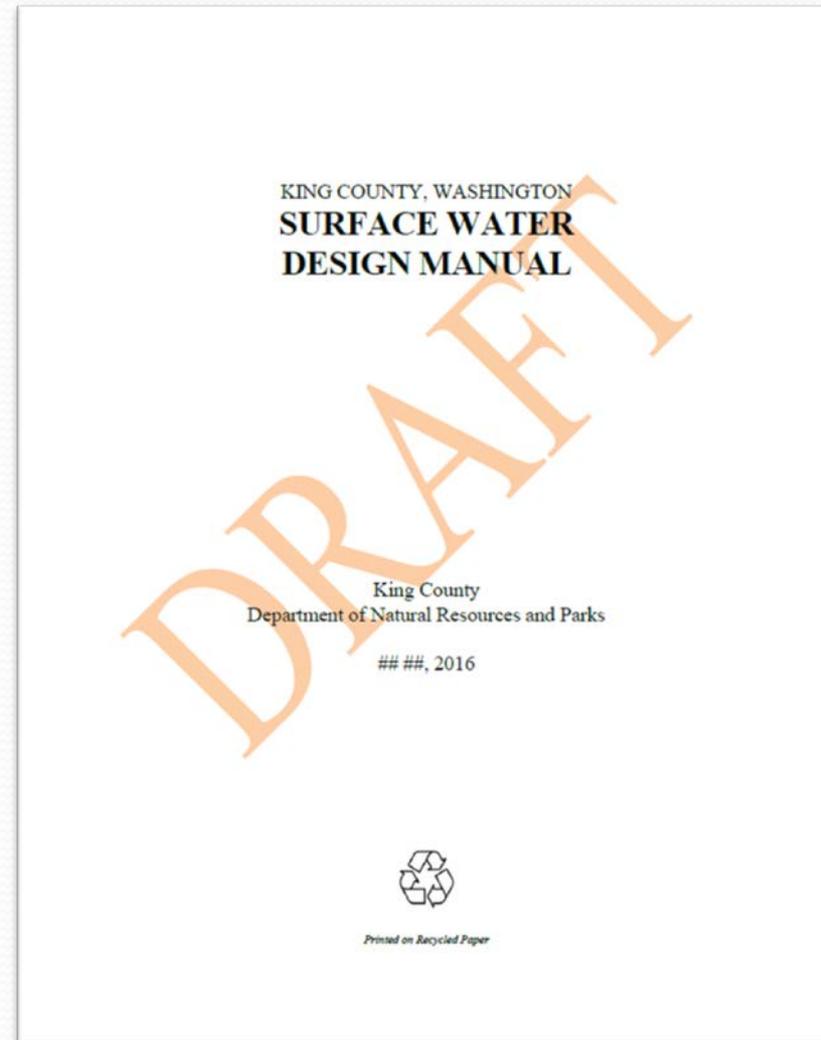
How are we doing this?

- Existing Conditions Assessment
 - hydrologic, geomorphic, biologic, chemistry
- Build calibrated watershed models (water quantity/quality)
 - Project necessary stormwater retrofit and policy changes
 - Identify in-stream and near shore restoration and preservation needs
- Create an Implementation Plan and Schedule

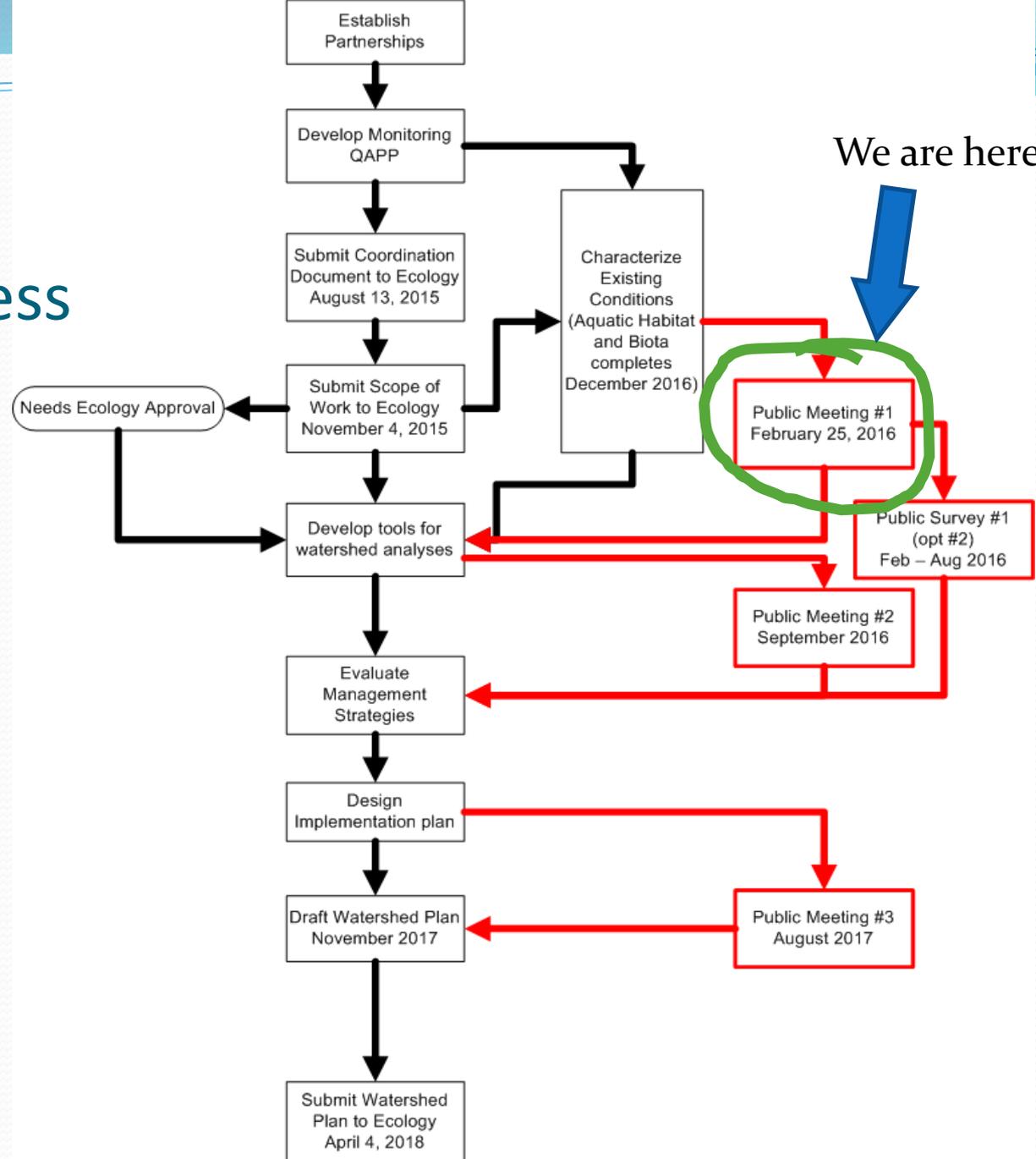


What does this mean to you?

- Information to make the best decisions possible.
 - Potential of Public Projects to fix existing and future problems.
 - Actions by residents (e.g., plantings of buffers, rain gardens)
 - Identifying habitat restoration projects
 - Land use management activities
 - Inform future stormwater regulations.



Planning Process and Public Involvement





Time for Q & A

www.KingCounty.gov/BearCreekPlan