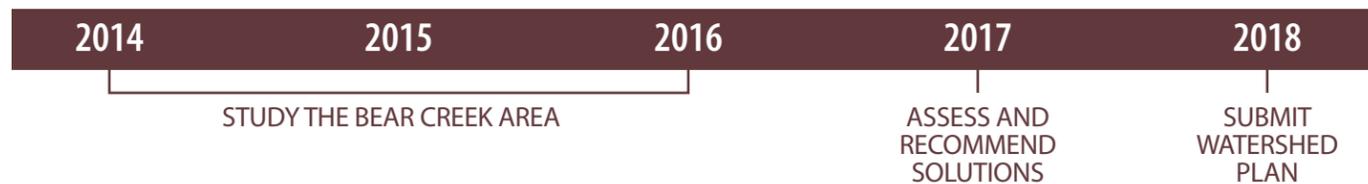




PROJECT TIMELINE

Bear Creek Watershed-Scale Stormwater Management Plan



WE WANT TO HEAR FROM YOU!

We want your continuous feedback and involvement in the development of the Bear Creek Watershed-Scale Stormwater Management Plan! Here are just a few things we would love to hear from you:

- Your thoughts on the problems that the Bear Creek Stormwater Management Plan is trying to solve.
- What you value most about living near Bear Creek. What words come to mind?
- What strategies do you believe are the most important for stormwater management, and why?
- What do you think is the largest impact of untreated runoff in the Bear Creek watershed?
- How important is a healthy natural ecosystem functioning in your neighborhood?
What steps are you willing to take to improve it?

For more information or questions, please contact **Jeff Burkey**, Project Manager, King County Department of Natural Resources and Parks Science and Technical Support Section at **206-477-4658** or jeff.burkey@kingcounty.gov.

Plan website: www.kingcounty.gov/BearCreekPlan



Alternative formats available. Please call 206-477-4658 or TTY: 711.

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BEAR CREEK PUBLIC MEETING

October 13, 2016

6:30-7 p.m. Open House

7- 8 p.m. Presentation and Discussion

8-8:30 p.m. Open House

Woodinville City Hall
Council Chambers Room
17301-133rd Avenue NE
Woodinville, WA 98072

Meeting Purpose:

- Share the water quality problems we are intending to solve with the Bear Creek Stormwater Plan.
- Gather feedback and generate interest in what it will take to create a healthy watershed.
- Solicit input about potential stormwater mitigation strategies in the Bear Creek basin.

AGENDA

6:30-7 p.m.	Open House – Interactive tour of 5 Things to Create a Healthy Watershed	
7-7:10 p.m.	Welcome and Introductions a. A brief message from the Bear Creek Watershed Plan partners.	Tamie Kellogg
7:10-7:30 p.m.	Project Overview and What We’ve Learned About Bear Creek Presentation a. Brief reminder of what the plan is and why it might be important to you. b. Brief summary of study results and the key problems we are trying to solve with this plan. Community Questions and Comments: • Do you have additional questions about what was presented? • What struck you as the most important finding from the presentation? • Other questions or comments?	Jeff Burkey, Project Manager, King County & Eric Ferguson, Water Quality Planner, King County
7:30-8 p.m.	Solutions Toolbox to Create a Healthy Bear Creek Presentation: a. Overview of strategies or tools Community Questions and Comments: • What issues or concerns do you have about Stormwater management in the Bear Creek basin? • What potential stormwater mitigation strategies do you feel the most positive about and what ones are concerning? • Other questions or comments?	Andy Rheume, Urban Watershed Ecologist, City of Redmond
8-8:30 p.m.	Open House – Interactive tour of 5 Things to Create a Healthy Watershed	
8:30 p.m.	Adjourn	Tamie Kellogg

Thank you for your participation. Your continued input on this Stormwater Management Plan is appreciated.

BEAR CREEK WATERSHED-SCALE STORMWATER MANAGEMENT PLAN

5 Things to Create a Healthy Watershed

To date, we've collected streamflow, water quality and habitat, assessed how these things have changed over time, and are using the data to create a model.

1 NATURAL STREAMFLOW AND GOOD WATER QUALITY

We need healthier, cleaner streams to play in; aquatic life needs cooler water temperatures and higher concentrations of oxygen to thrive.

Bear Creek's status:

- Bear Creek's temperature, dissolved oxygen and copper sometimes don't meet standards needed for the protection of fish and other aquatic animals.
- Bacteria and nutrient levels in the creek have been going down, which is good, but we still have a ways to go.
- Rainfall runs off more quickly into the creek from hardened surfaces than it would under forested conditions, thus exacerbating erosion and flooding.



2 HABITAT FOR FISH AND ANIMALS

We need to restore habitat in and near Bear Creek and its tributaries to support historical populations of fish and animals.

Bear Creek's status:

- Six species of salmon still use Bear Creek and its tributaries, but their population sizes are low.
- About half of the monitoring sites in Bear Creek and its tributaries are considered "good" for bugs in the creek.
- There has been some loss in wetland areas since the 1980/1990s.
- Only about half of the stream corridors are vegetated with trees. About another third could benefit from added tree plantings.
- A variety of different habitat types are present in the creek in the upper parts of the watershed, but the creek channel has been modified and simplified in some areas, especially lower in the watershed and near the mouth of the creek.



3 TRACKING PROGRESS

We need to measure the change in the Bear Creek study area, develop models to fill in the data gaps, and test the effectiveness of solutions.

Bear Creek's status:

- The population is projected to grow by approximately 20% between 2010 and 2040 in the Bear Creek watershed.
- The Bear Creek Watershed-Scale Stormwater Management Plan is being developed to protect and restore the watershed, not just keep it from getting worse. We are setting a higher bar.
- We are improving upon previous models in order to project new conditions throughout the study area and identify solutions that will protect and restore Bear Creek.

4 A SOLUTIONS TOOLBOX

We need to identify solutions that include a suite of strategies to cost-effectively protect and restore the health of Bear Creek.

Bear Creek's status:

- Nearly all stormwater facilities in Bear Creek do not meet current design standards.
- Existing regulations for stormwater management come in many forms and allow for population growth to occur. However, there is opportunity to improve effectiveness for protecting and restoring the health of Bear Creek.
- Solutions that may be proposed in the plan could call for changes to land-use management, stormwater design standards, and changes in the landscape to restore the natural functions that have been altered.

5 STEWARDSHIP AND PARTNERS

Our goal is to restore Bear Creek to its potential, it will require local jurisdictions and residents to participate when implementing recommended solutions in the watershed plan. Partners are an integral part of a watershed-wide plan.

Bear Creek's status:

- King County, acting as the lead, is collaborating with Snohomish County, City of Redmond, and City of Woodinville, and Washington State Department of Transportation to develop the watershed plan.
- We also need you as a partner to help as stewards of the Bear Creek watershed, and ultimately restore the health and future of Bear Creek.

WAYS YOU CAN GET INVOLVED

- Planting native vegetation/trees;
- Installing a Rain garden or cistern at home;



- Supporting or suggesting educational opportunities for kids in schools;
- Managing hobby farms and animal waste responsibly;
- Reducing chemical use outside;
- Maintaining septic systems regularly;
- Testing your knowledge! Take the Stormwater quiz: <http://green2.kingcounty.gov/StormwaterQuiz/>
- Sign up for updates on the Bear Creek Watershed-Scale Stormwater Management plan website: www.kingcounty.gov/BearCreekPlan.