

Cedar Creek Rainwater Project

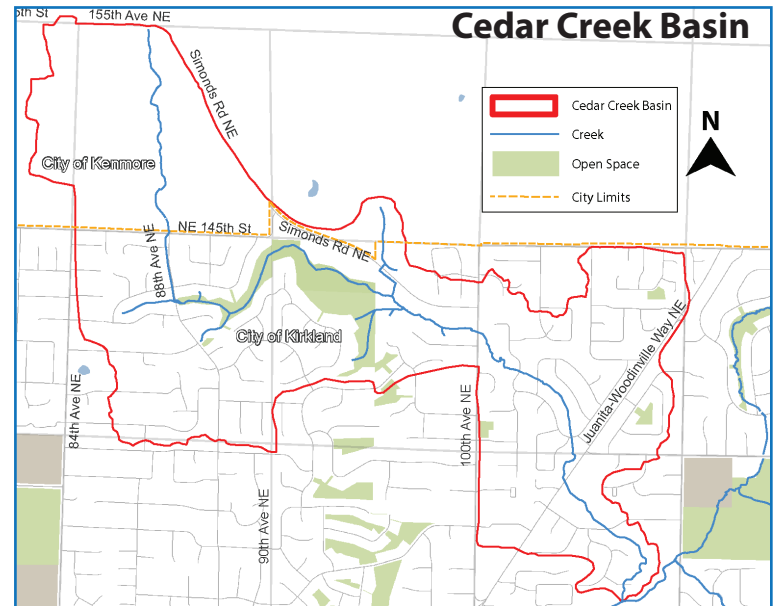


Kirkland Public Works
Storm & Surface Water Division

What is the project?

The Cedar Creek rainwater project will address water quality, creek health, and flooding concerns in your neighborhood.

City of Kirkland is in the initial study phase of the project. This phase will identify locations and develop preliminary designs for three rainwater management facilities that, when constructed, will help reduce rainwater runoff and address water quality and flooding concerns.



Why is this project necessary?

Much of this area was developed before we knew of the need for rainwater management. This has resulted in damage to Cedar Creek from high water flows and pollution. In addition, Cedar Creek flows to Juanita Creek, which has bacteria levels and temperatures that are too high, and oxygen levels and creek life indicators that are too low.

One strategy the City of Kirkland is using to solve this problem is to build rainwater management facilities, which reduce polluted runoff and flooding and improve water quality in areas that do not currently have rainwater management facilities.

Potential project benefits



Greener, more attractive neighborhoods



Lower risk of street and property flooding



Improved water quality for wildlife and recreation



Healthier Cedar Creek and Juanita Creek

www.kirklandwa.gov/RainwaterProjects

Project Manager

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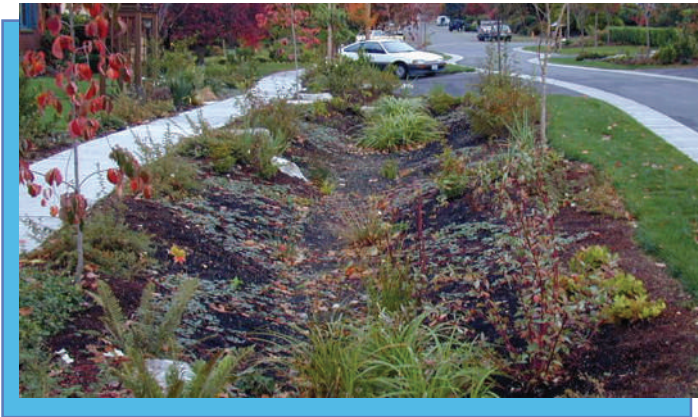
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About Rainwater Runoff

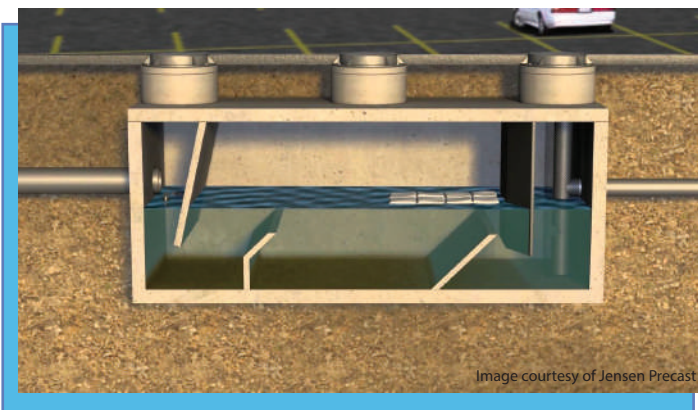
Rainwater runoff is rainwater or melting snow that doesn't evaporate or soak into the ground. Rainwater runoff carries pollutants like pesticides, fertilizers, soaps, and vehicle fluids to the nearest creek or lake, and can cause flooding and erosion downstream.

What does a rainwater management facility look like?

City of Kirkland will investigate what types of rainwater management facilities to build and where within the Cedar Creek basin they should be installed. The project is considering a wide range of options including rain gardens and underground vaults as types of facilities that may be installed.



Rain Gardens slow the flow of rainwater runoff and let it filter into the ground naturally.






Underground Vaults and Wells slow the flow of rainwater runoff and allow pollutants to settle to the bottom to be cleaned out later.

Project Timeline

- Winter 2020-2021**
Preliminary site selection and evaluation
Community mailer and survey
- Spring 2021**
Screen preliminary options to **6 sites**
Virtual open house and meetings
- Summer 2021**
Selection of **3 sites** for 30% design
Project update
- Fall 2021**
30% project design
- Future Phases**
Seek funding for project design and construction
Community outreach and communications

Opportunities to Get Involved

-  Respond to the neighborhood drainage survey
-  Participate in virtual open houses
-  Talk with us at neighborhood meetings

