



## The North Thornton Natural Drainage Systems Project is coming to Lake City neighborhoods!

SPU will install natural drainage systems in public rights-of-way in Lake City neighborhoods. This project will improve water quality in Thornton Creek and may bring other community benefits to the neighborhood.

### PROJECT BACKGROUND

More than 12 million pounds of pollution are carried into our water bodies through stormwater runoff each year. Stormwater that falls on hard surfaces in your neighborhood—like roofs, streets, and parking lots—can pick up harmful pollutants before it runs into Thornton Creek, which flows into Lake Washington and eventually into Puget Sound. The pollutants can harm fish, wildlife, and our ecosystems.

This project is part of the Natural Drainage Systems Partnering Program, which builds natural drainage systems in communities to:

- Reduce pollution in Thornton Creek and Lake Washington
- Provide other community benefits, which may include reducing drainage issues, traffic calming, trees, and added landscaping.



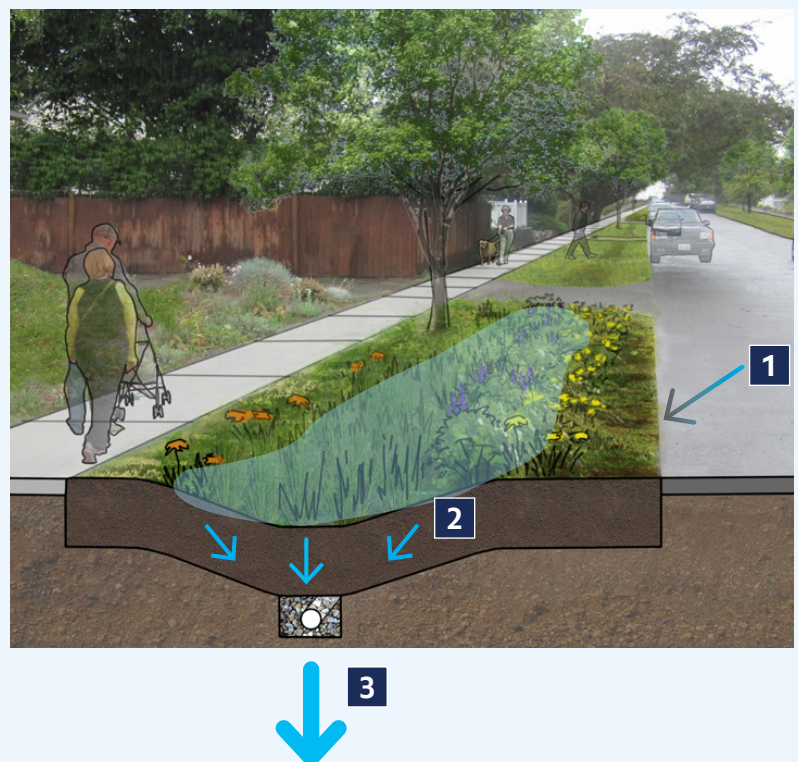
An example of a completed natural drainage system on a residential street.

### WHAT ARE NATURAL DRAINAGE SYSTEMS?

Natural drainage systems are shallow depressions built in the roadway shoulder (the public space between the street edge and property line). They are filled with special soil and plants to temporarily hold and treat polluted stormwater before it is released into our creeks.

### HOW DO NATURAL DRAINAGE SYSTEMS WORK?

- 1** During rain events, stormwater from hard surfaces in your neighborhood drains to the natural drainage system. A layer of plants and soil in the natural drainage system filters and treats the stormwater, removing pollutants.
- 2** The filtered stormwater seeps into the ground or drains to a downstream drainage system.
- 3** The natural drainage system is designed to hold up to 12 inches of stormwater during heavy rain events. The stormwater will drain down into the soil or to the formal drainage system within 24 hours after a rain event has ended.



## COMMUNITY BENEFITS

In addition to improved stormwater quality, natural drainage systems may offer multiple benefits to local neighborhoods and ecosystems, including:

- More plants and plant diversity
- Reduced local drainage issues
- Healthier creek ecosystems
- Improved pedestrian safety and mobility
- More street trees

## PROJECT LOCATIONS

SPU will build natural drainage systems at two sites in Lake City neighborhoods:

### Little Brook

- 32nd Ave NE between NE 135th St and NE 137th St

### Olympic Hills

- 25th Ave NE between NE 127th St and NE 130th St
- NE 127th St between 25th Ave NE and 27th Ave NE
- 27th Ave NE between NE 125th St and NE 127th St

## PROJECT SCHEDULE

In 2024 and 2025, we will continue to gather feedback and share updates with the community, complete the project design, and hire a contractor. We anticipate construction will begin in 2026. This schedule is subject to change as the project progresses.



### LEGEND

- Streets selected for natural drainage systems
- Parks

*This map shows the locations selected for natural drainage systems. We studied a larger area that is not pictured here.*

We are building natural drainage systems at two locations in the Lake City neighborhood. Please call Wan-Yee Kuo, the project manager, at (206) 684-3957 if you would like more information about this project.

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Estamos construyendo sistemas de drenaje natural en dos ubicaciones en el vecindario de Lake City. Por favor llame a Wan-Yee Kuo, gerente del proyecto, al (206) 684-3957 si desea obtener más información sobre este proyecto.

Lake City 지역의 두 곳에 자연 배수 시스템을 구축할 것입니다. 이 프로젝트에 대한 자세한 정보를 원하시는 경우, 프로젝트 매니저인 Wan-Yee Kuo에게 (206) 684-3957로 전화해 주십시오.

Мы сооружаем системы естественного дренажного отвода природной воды на двух участках территории района Lake City. Если вы хотите получить дополнительную информацию о данном проекте, пожалуйста, позвоните руководителю данного проекта, Wan-Yee Kuo, по телефону (206) 684-3957.

我們正在湖城市 (Lake City) 附近的兩個地點建造自然排水系統。如果您想了解更多有關本工程的資訊，請撥打 (206) 684-3957 與工程經理 Wan-Yee Kuo 聯絡。

Waxaan ka dhisaynaa nidaamyada biyo-mareenada dabiiciga ah laba goobood oo ku yaal xaafadda Lake City. Fadlan wac Wan-Yee Kuo, maareeyaha mashruuca, lambarka (206) 684-3957 haddii aad rabto macluumaad dheeraad ah oo ku saabsan mashruucan.

Chúng tôi đang xây dựng hệ thống thoát nước tự nhiên tại hai địa điểm trong khu phố Lake City. Vui lòng gọi cho Wan-Yee Kuo, người quản lý dự án, theo số (206) 684-3957 nếu quý vị muốn biết thêm thông tin về dự án này.

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نقوم ببناء أنظمة الصرف الطبيعي في منطقتين ضمن حي ليك سيتي. يرجى التواصل مع السيدة وان-يي كيو، مديرة المشروع، على الرقم (206) 684-3957 للحصول على المزيد من المعلومات حول هذا المشروع.

### Questions? Contact Seattle Public Utilities

Wan-Yee Kuo | Project Manager  
wan-ye.kuo@seattle.gov | (206) 684-3957

Learn more and sign up for project updates at: [www.seattle.gov/utilities/norththorntonnds](http://www.seattle.gov/utilities/norththorntonnds)

