



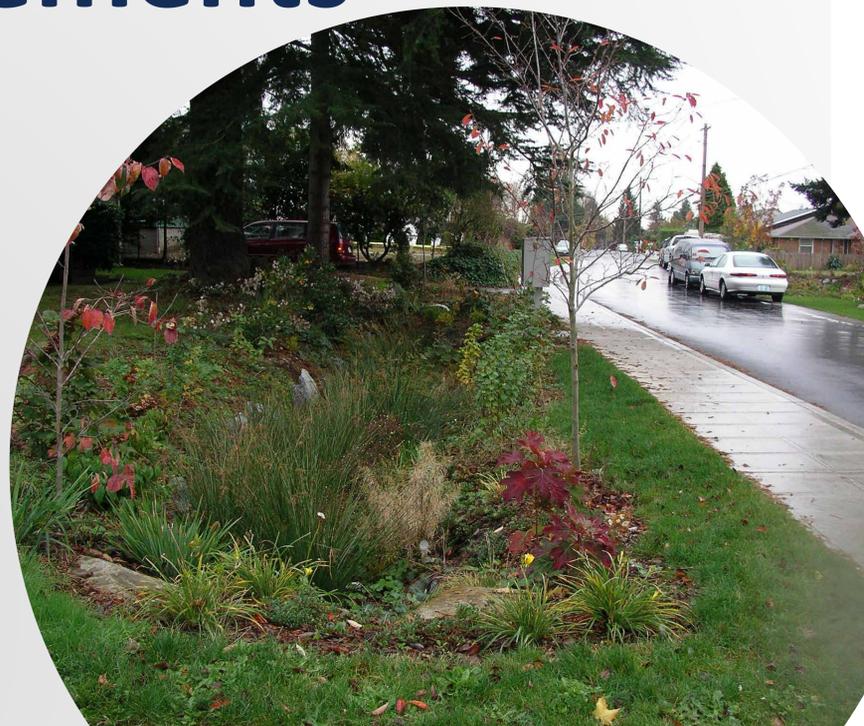
## ENHANCING OUR COMMUNITIES with Natural Drainage Systems (NDS) and Pedestrian Improvements

### Natural Drainage Systems:

#### What are they & why do we need them?

When it rains in the Delridge and Westwood neighborhoods, pollution from our streets runs into Longfellow Creek untreated. This is not healthy for the creek or for people. **The good news is: there is something we can do.**

**Natural Drainage Systems** consist of shallow depressions in the public right-of-way, or “planter strip,” filled with deep-rooted plants and spongy soils that temporarily hold and clean polluted stormwater from streets and sidewalks. These features capture and clean pollutants before they can reach the creek.



**Seattle Public Utilities (SPU) is planning to build natural drainage systems in your neighborhood in 2021.** We are partnering with Seattle Department of Transportation (SDOT), Office of Arts & Culture 1% for the arts, and King County Flood Control District.



### Community benefits

**Natural Drainage Systems** offer multiple benefits to local neighborhoods and ecosystems, including:

- Greener, more attractive neighborhoods
- Lower risk of flooding
- Creation of habitat along our streets
- Healthier creek ecosystems
- Calmer traffic patterns
- More street trees
- Pedestrian improvements

Learn more at: [seattle.gov/util/longfellowNDS](http://seattle.gov/util/longfellowNDS)

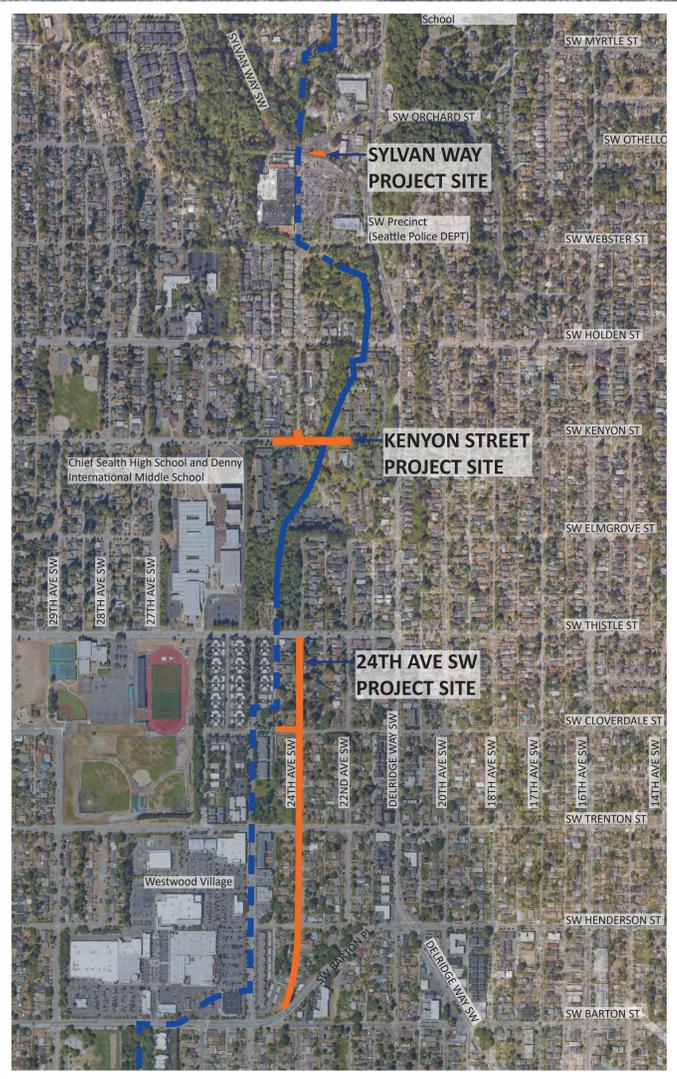


# LONGFELLOW CREEK

## Watershed Boundary



Seattle  
Public  
Utilities



WEST SEATTLE BRIDGE

DUNAMISH RIVER

LONGFELLOW CREEK

LONGFELLOW CREEK  
WATERSHED BOUNDARY

PROJECT AREA

PUGET SOUND/  
SALISH SEA

LEGEND

- WATERSHED AREA FLOWING INTO LONGFELLOW CREEK
- LONGFELLOW CREEK
- LONGFELLOW CREEK (PIPED)
- SYLVAN WAY NDS SITE
- KENYON NDS SITE
- 24TH NDS SITE

SW HOLDEN ST  
SW KENYON ST  
SW THISTLE ST  
SW CLOVERDALE ST  
SW TRENTON ST  
SW HENDERSON ST  
SW BARTON ST  
SW ROXBURY ST

ROXHILL  
PARK

24TH AVE SW





# WHAT TO EXPECT

## How a typical NDS planting installation changes over time



BEFORE



NEWLY PLANTED

~1 year



GROWING

~5 years



MATURE



City of Seattle



APRIL 2020  
60% DESIGN PHASE

## POTENTIAL NDS IMPROVEMENT S SYLVAN WAY SW



KEY

 MULCH

 NATURAL DRAINAGE SYSTEM (NDS)

 LAWN

 NEW STREET TREE

**Note:** Earlier versions of this graphic had an error in the graphics key. It showed reference to a sidewalk. Similar to earlier project updates, we are not adding sidewalks to this site and apologize for any confusion this may have caused. While we are unable to install a sidewalk through this project, our design does not prevent a sidewalk from being added in the future.

Questions? Contact Seattle Public Utilities:

Jonathan Brown | Project Manager  
Jonathan.Brown@seattle.gov | 206-386-4027  
Learn more at: [seattle.gov/util/longfellowNDS](http://seattle.gov/util/longfellowNDS)

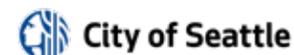
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**SYLVAN WAY SW - PROPOSED IMPROVEMENTS**

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