

working for clean rivers



**SE Claybourne Street at SE 135th Avenue Sanitary Sewer Extension
Council Item 819**

Portland City Council | August 28, 2019

**Joe Dvorak, P.E.,
Principal Engineer
Raechel Frogner,
Project Manager**



**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

Sewer Extensions for High Risk Septic

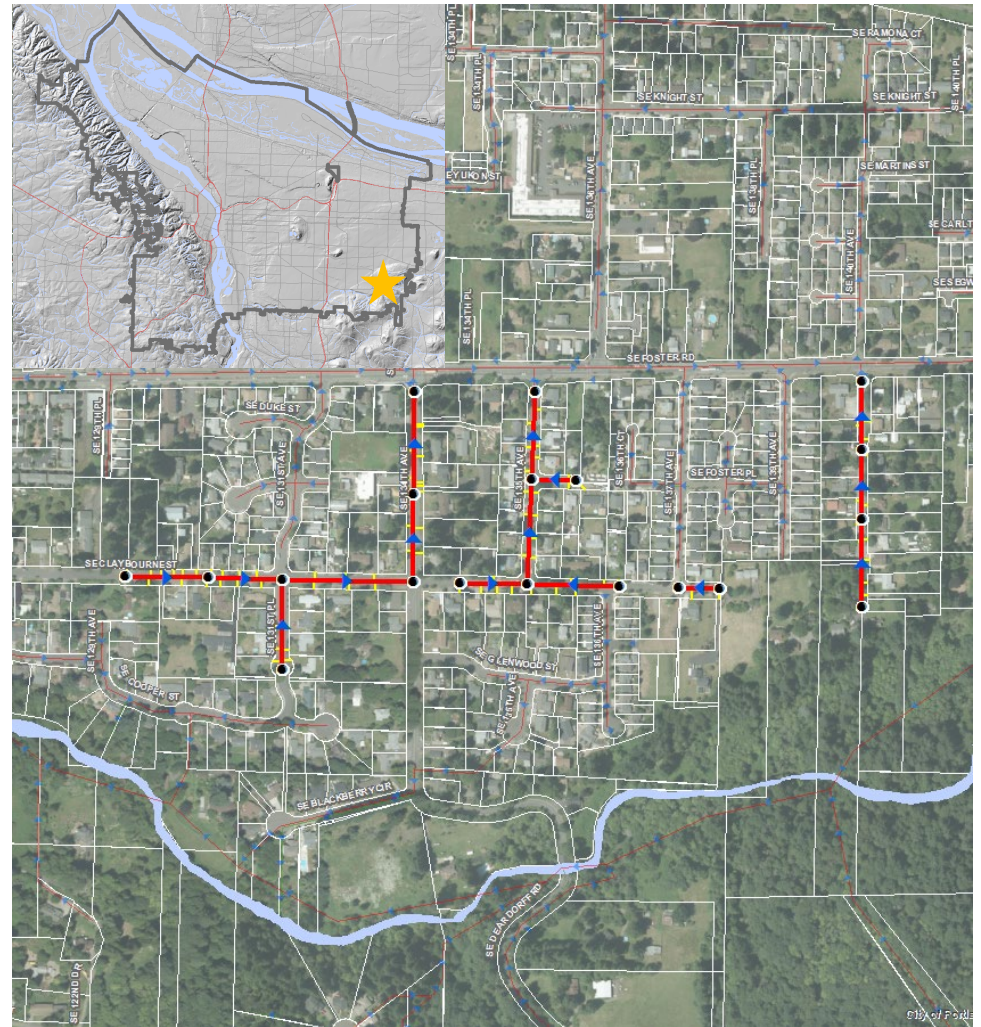
- Ensures wastewater system services to the whole community
- Provides municipal sewer service to developed properties that currently use onsite disposal systems
- Ensures that properties have viable access to municipal sewer service in the event that their onsite systems fail
- Protects groundwater, as well as creeks and streams like nearby Johnson Creek



Project Overview

SE Claybourne Sanitary Sewer Extension

- ~4,100 feet of new 8" diameter mainline pipe
- ~2,100 feet of new 6" diameter service lateral
- Provide municipal sewer service to 80 developed properties that currently use onsite disposal systems



Project Basis

- Area with septic systems that have either failed or are at risk of failure
 - Threat to public health, watershed health, and groundwater adjacent to Johnson Creek
 - Small lot sizes limit area for replacement if existing system fails
 - ~50% of the properties have a public sewer line physically available within 300 feet



Connecting to the Public Sewer System

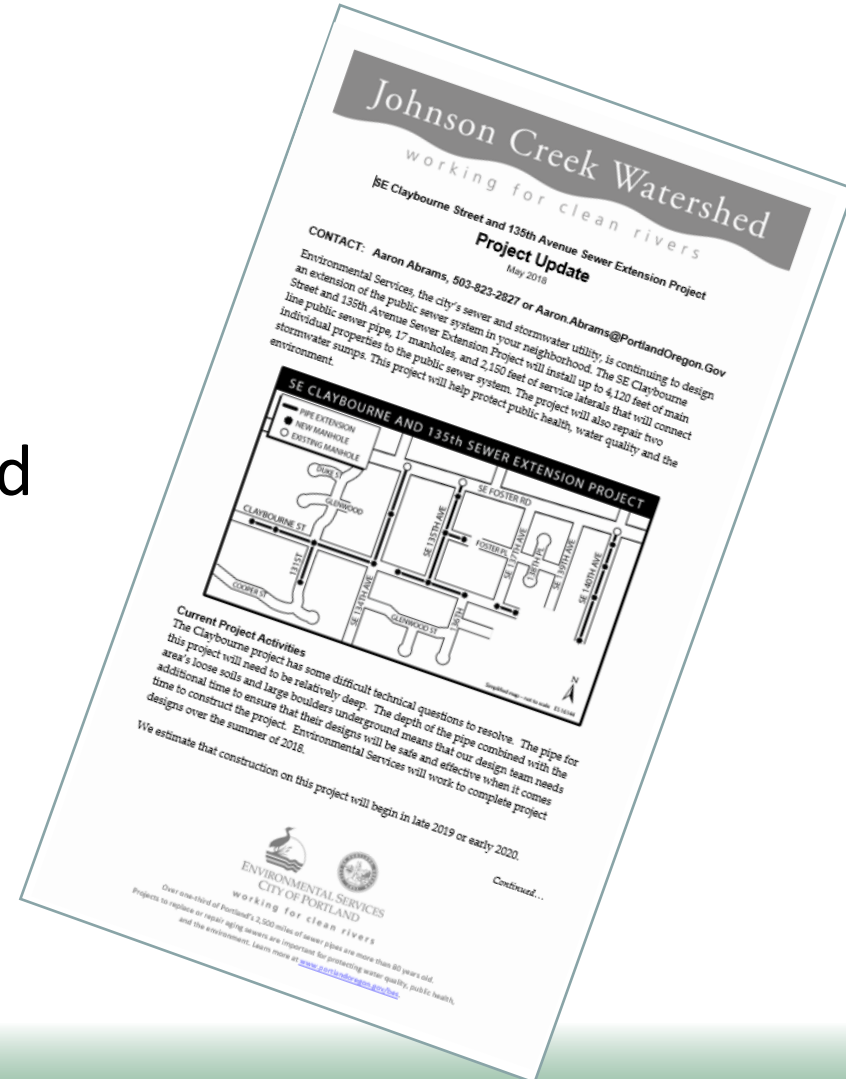
Mandatory Sewer Connection

- Residents are required to connect within 3 years of project completion or upon failure of current onsite disposal system
- Fees are due to the City upon connection
- Financial assistance programs and deferral options are available



Public Outreach & Impacts

- Extensive outreach conducted via mailings, web, email, and social media
- Community workshops and on-site tabling events
- Outreach materials translated and workshops conducted in English and Russian
- Extensive outreach conducted directly with affected property owners



Engineer's Estimate & Schedule

Engineer's Estimate:

- \$3,148,000
- High Confidence Level

Advertise Project:

- October 2019

Begin Construction:

- Spring 2020

Construction Duration:

- Spring 2020 through Spring 2021



Questions?



Thank you.

