



# BROOKMAN SANITARY SEWER STUDY AND CEDAR/GOOSE CREEK ASSESSMENT



## Your Assistance Makes the Difference

In 2019 and 2020, Clean Water Services will ask owners of creekside properties and properties along rights-of-way for permission to access your property. The request will involve signing a simple Permit of Entry form that explains what to expect from CWS staff and contractors.

Multiple visits may be needed in order to gather complete information about conditions — such as soil, vegetation, water quality and quantity — in and around the creek to help determine the best location with the lowest impact for a potential sewer alignment. This assessment phase is also one of many opportunities for you to share with the project team the concerns and insights you have, based on living with the creek in all seasons, over the course of years.

The cooperation and involvement of property owners is essential. Only with access to these properties will the project team get the data needed to design a project that is good for water and wildlife, plants and people.

## Providing Sewer Infrastructure for Sherwood's Future

Clean Water Services and the City of Sherwood are working together to bring necessary sewer services to Sherwood's expanding community. A study area has been identified to assess options for providing service to the new Sherwood High School and upcoming development in the Brookman area. The first step is an evaluation of the most efficient and cost-effective sewer alignment through the project area connecting these developments to the existing lines in the Ladd Hill area.

The evaluation will look at placing a new line in, or near, Goose Creek and Cedar Creek, as well as potentially along sections of roadways. Only when the evaluation is complete will the design and construction plans be developed. This first phase will likely take about a year to complete. Once an alignment is selected then the design, permitting and construction details could take up to another year. Under this scenario construction could begin sometime in 2021. Following construction, affected creek corridors are revegetated, returning native plants and stream enhancements to retain/improve the creeks' functionality.

## Why is New Service Necessary?

The new Sherwood High School (annexed in 2018 as part of the West Sherwood planning area) is being constructed in an area where there is no existing infrastructure. Sanitary sewer planning for these areas would start with a new gravity sewer extended from the Ladd Hill area. A short-term pump station is planned to allow the new Sherwood High School to open, but long-term the High School must be converted over to this new sewer extension.



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## Why Consider New Lines Down Creek Corridors?

The project area map includes evaluation of placing sanitary sewer lines in Goose and Cedar creek corridors. In Washington County, sanitary and/or stormwater conveyance lines run along many of our local streams. There are many benefits to using a creek corridor as a water conveyance route, including:

- Letting gravity do the work. The natural slopes of Cedar and Goose creeks mean the project could avoid the cost and disruption of building a new pump station.
- Minimizing costs. Placing the sanitary sewer in the low point allows the line to be shallower.
- Preserving buildable land. If the line didn't follow the creek corridor, there would likely be a need for easements over land that property owners could have otherwise developed.
- Achieving multiple benefits from one project. While working in and along the creek to install infrastructure, a project team can also reconstruct streambeds, replace invasive plants with sustainable native plants, and take other steps to strengthen the creek's resiliency.

## Goose Creek and Cedar Creek: Not the Only Options for a Future Alignment

The evaluation phase also includes looking at existing right-of-way, upland areas, and roadways as options. The final alignment could include some or all of the options. We want to hear from you.

## Proposed Timeline

<b>2002</b>	Metro expands Urban Growth Boundary to include the Brookman area
<b>2017</b>	Portions of the Brookman Area are annexed into the City of Sherwood
<b>2018</b>	Sherwood School District chooses new high school location
<b>2018</b>	Construction of new Sherwood High School starts
<b>2019</b>	City of Sherwood receives development applications within Brookman area
<b>2019-2020</b>	Current conditions assessment, connect with community (throughout project)
<b>2020</b>	Begin project design, funding and planning
<b>2021 or later</b>	Begin sewer construction and preparation for revegetation
<b>2023 or later</b>	Begin revegetation
<b>2023+</b>	Monitor conditions and make adjustments as needed

## Protecting the Watershed While Preparing for Growth

Cedar Creek and Goose Creek are small streams that travel through southern Washington County before entering Sherwood and joining Chicken Creek on its way to the Tualatin River. In our rapidly urbanizing region, Cedar and Goose creeks are notable for having retained much of their natural character. Today, the community has a rare opportunity to take steps to protect – and even improve – stream conditions before development intensifies. Healthy creeks are good for water quality, wildlife habitat, public health and community wellbeing. In times of change like these, it's important to invest in the protection of valuable ecological assets such as Cedar and Goose creeks.

## Resources

- Chris White, Public Affairs  
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- See the enhancement of Cedar Creek further downstream, in Stella Olsen Park: [jointreeforall.org/cedar-creek](http://jointreeforall.org/cedar-creek)
- Review the sanitary sewer plan: [sherwoodoregon.gov/engineering/page/sanitary-system-master-plan](http://sherwoodoregon.gov/engineering/page/sanitary-system-master-plan)
- Learn about what CWS is doing to address stream channel erosion due to development: [cleanwaterservices.org/dnc](http://cleanwaterservices.org/dnc)

Everything we do at Clean Water Services aims to protect public health while enhancing the natural environment of the Tualatin River Watershed.

  
**CleanWater Services**

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