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Read about important water projects in your area



Bull Run TREATMENT PROJECTS

Bull Run Filtration

Learn More:

portlandoregon.gov/bullrunprojects

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Bull Run TREATMENT PROJECTS

Bull Run Filtration

Safe and Abundant for Generations to Come

The Bull Run Filtration Projects will provide consistent, high-quality drinking water that meets today's water quality standards and helps address future risks and regulations. The filtration facility will remove *Cryptosporidium* and other potential contaminants from the Bull Run water supply, producing cleaner, safer water. The projects are required by the federal Safe Drinking Water Act and must be completed by September 30, 2027, per a bilateral compliance agreement with the Oregon Health Authority.

Involving Neighbors

The Bull Run Filtration Site Advisory Group is underway helping develop a Good Neighbor Agreement by providing an independent community perspective on filtration facility design, construction, and operation.

Current Site Advisors include:

- Property owners next to the filtration facility site
- Representatives from local farming operations, an area water utility, environmental interests, and others

Interested in informing the project?

If you'd like to apply for an at-large Site Advisor position, please submit your contact information and a brief description of interest at

surveymonkey.com/r/AdvisoryMember

Current Site Advisors will review and make a decision on at-large positions in January 2020.

Opportunities to share information and discuss neighbors' preferences regarding site and construction planning are important. While some neighbors have informed the Water Bureau they do not want to participate in a Good Neighbor process, meetings to share information with stakeholders and remaining Site Advisors will continue.

The Site Advisory Group will meet the second Thursday of each month from 6-8 p.m. from January to October 2020. Meetings are open to the public and include opportunity for public comment.

Upcoming Community Engagement Opportunities

Jan. 9, 2020 • Site Advisor Meeting
Feb. 2020 • Water Treatment Facility Tour
Mar. 12, 2020 • Site Advisor Meeting
Apr. 9, 2020 • Site Advisor Meeting
May 14, 2020 • Site Advisor Meeting
Jun. 2020 • Community Open House
Jul. 9, 2020 • Site Advisor Meeting
Aug. 13, 2020 • Site Advisor Meeting
Sep. 10, 2020 • Site Advisor Meeting
Oct. 8, 2020 • Site Advisor Meeting
Nov. 2020 • Draft Good Neighbor Agreement
Jan. 2021 • Community Open House and Final Good Neighbor Agreement



Project team members have been hearing from community members and sharing information about project progress at a variety of community engagement events over the past year, including a water treatment facility tour, BBQ&A, and regular Site Advisor meetings (pictured above).

The new filtration facility and pipelines will be key components of a resilient water system that serves clean and safe water to nearly one million people every day.

Two years of extensive planning work and community outreach are informing the direction for the Bull Run Filtration Projects. This work includes:

- Public opinion research to identify customer values
- Rigorous evaluation of alternatives through technical engineering workshops
- Geotechnical borings to obtain information about the site soil
- Environmental and cultural studies at the site and along pipeline routes
- Water quality testing as part of a pilot study to learn how Bull Run water responds to different treatment methods
- Engineering analysis vetted by a Technical Advisory Committee of national experts

As the project planning phase continues, work is underway to identify potential locations for the new pipelines that will connect the filtration facility to existing water pipelines. Current activities include:

- Outreach to neighbors
- Geotechnical evaluations
- Environmental studies
- Cultural resources assessments
- Surveying
- Accessing easements

In the coming months, project team members will be reaching out to property owners to obtain rights-of-entry to conduct field studies on properties along potential pipeline alignments. This work will help inform selection of the preferred pipeline routes.

In 2020, design for the filtration facility and pipelines is anticipated to begin. Planning is looking at a variety of pipeline route and construction options along easements and in the public right-of-way. Impact to the community is a top criteria as we evaluate possible options with the Site Advisory Group.

Filtration Facility and Pipelines Project Schedule

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<i>Bilateral Compliance Agreement</i>		Dec.									
Pre-Planning											
Planning											
<i>Pilot Study to OHA</i>				Nov.							
Design											
<i>Design to OHA</i>					Oct.						
Construction											
Startup											
<i>Required completion OHA</i>						Sep.					

*Oregon Health Authority (OHA)

Conceptual Pipeline Route Study Area



To evaluate conceptual pipeline routes, the Water Bureau is looking at:

- Community considerations
- Maintaining gravity flow
- Seismic stability
- Constructability
- Environmental impacts
- Meeting regulatory timeline
- Property rights

The project team is currently conducting field work to gather important information about the conditions along potential routes. This information will be used by the pipeline designer in 2020 to select preferred pipeline routes.

- Two new pipes will be built to bring Bull Run water to the filtration facility to be filtered and then carry filtered water to the existing system to serve customers
- Having two pipes will increase system resilience/reliability and allow for future maintenance to occur without disrupting service
- New pipelines will be built to modern seismic standards to better withstand an earthquake or other emergency and will replace existing pipes in poor condition
- Potential routes include use of Portland's existing easements