

Bull Run
TREATMENT
PROJECTS

*Our water: Safe and abundant
for generations to come*

PORTLAND WATER BUREAU

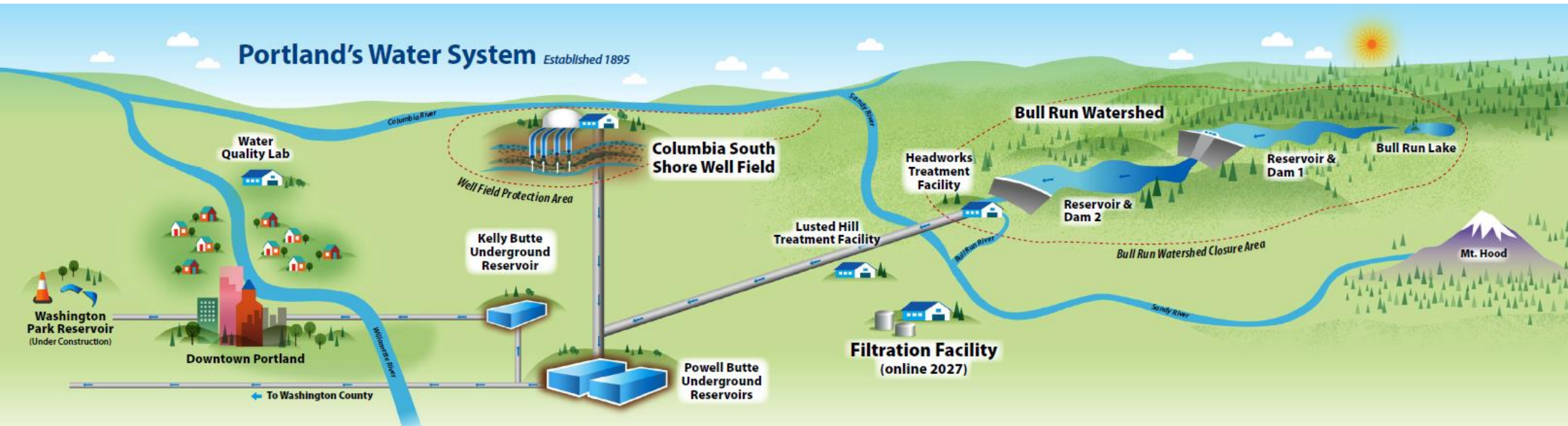
Bull Run Filtration Project

Multnomah County Land Use Pre-application Conference

April 28, 2022

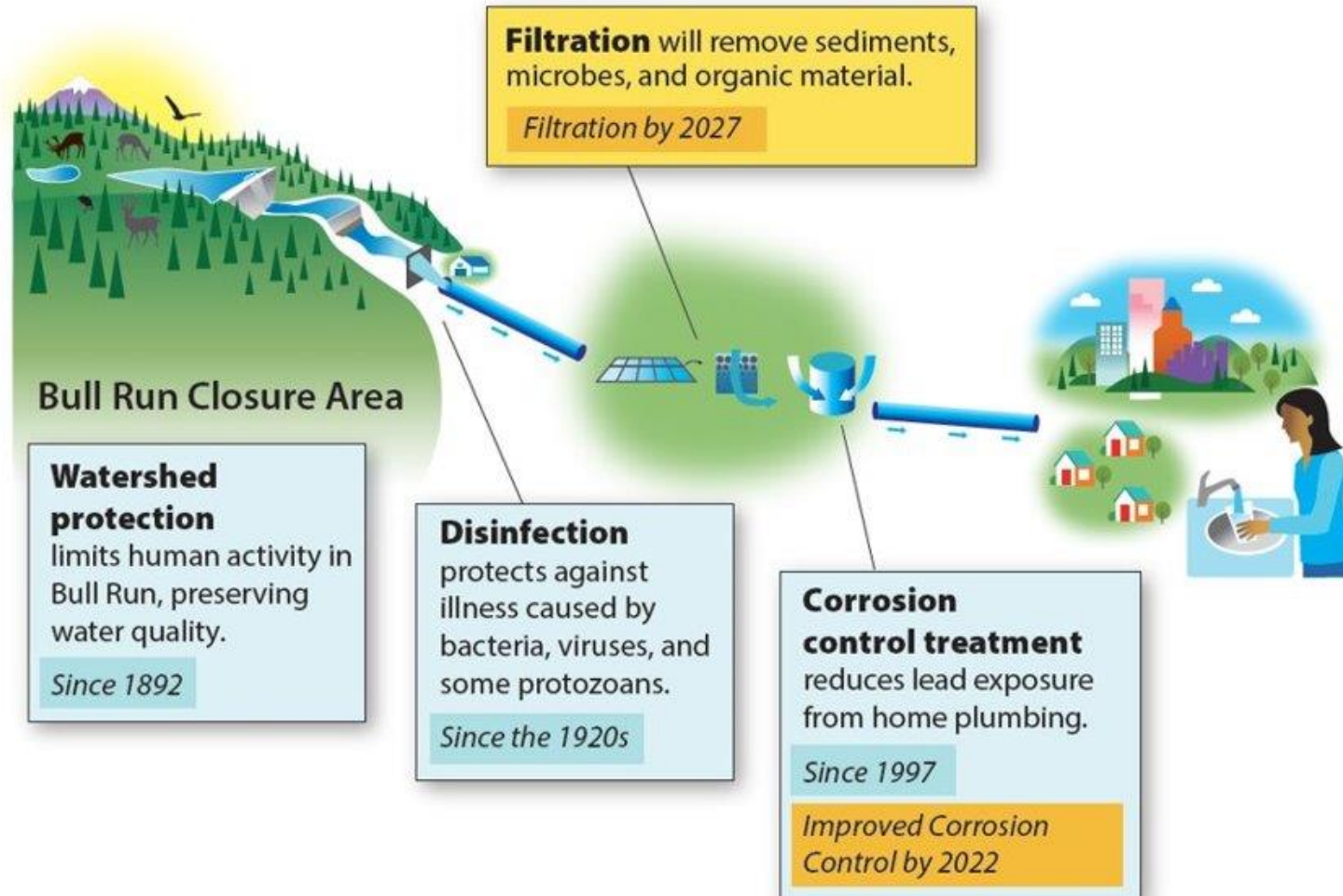


The Bull Run Watershed has been a source of excellent drinking water since 1895

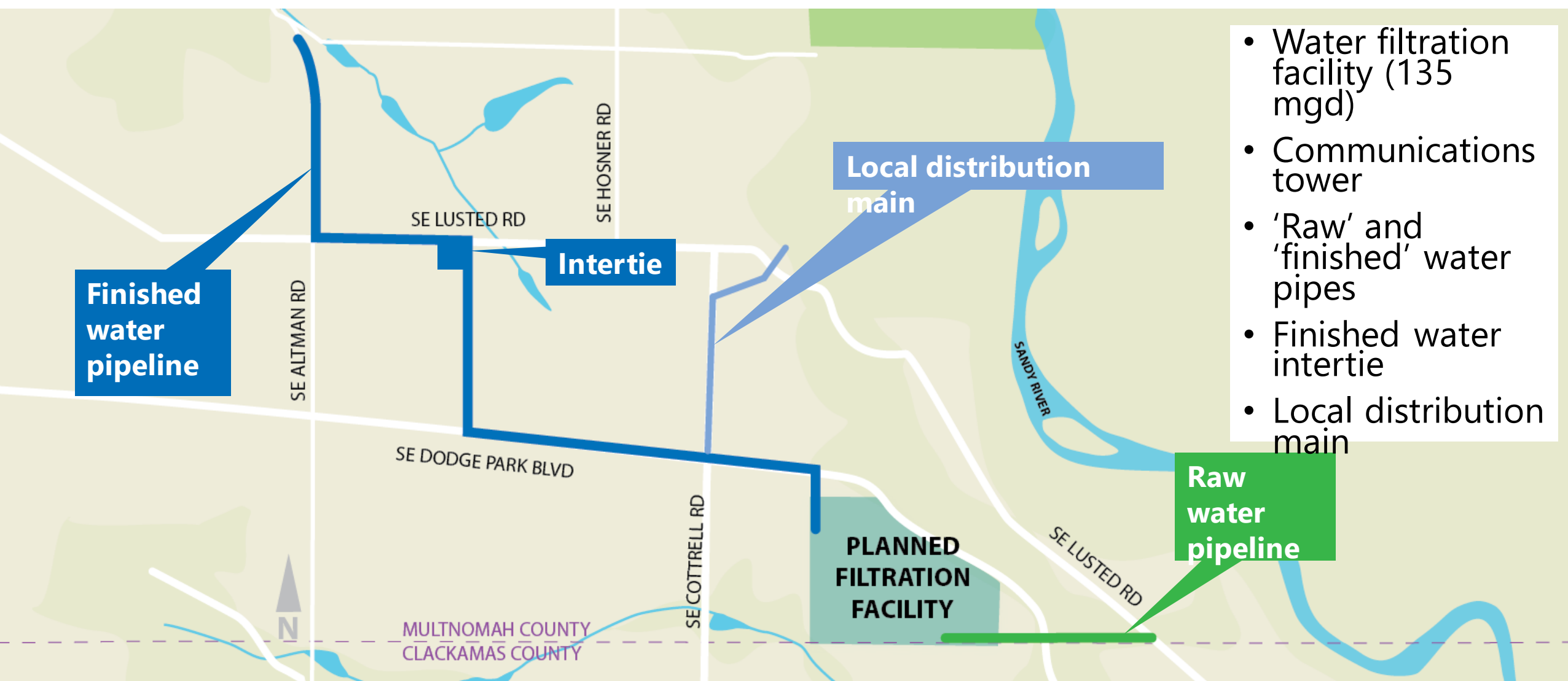


- Serves almost 1 million people
- Serves the City of Portland and 19 wholesale customers
- Provides 100 million gallons of water on an average day

Filtration is needed to protect public health and comply with national drinking water standards



Project elements



Facility site

- City of Portland property
- Acquired in 1970s for future water facilities
- 94-acre site allows for buffer between facility and adjacent properties



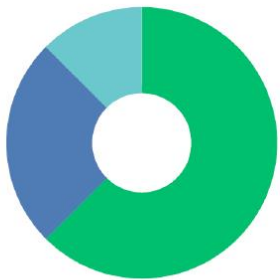
Keeping community informed and involved

- **Good Neighbor Agreement** developed using input from **18** community meetings, **9** community surveys, online open house with **400** visitors, and briefings with project stakeholders
- Project decision criteria informed by **1700** customer survey responses
- Public opinion research from **1000+** Portland residents and **8** customer focus groups
- **200K** customer households mailed project information in bill inserts and Annual Water Quality Report
- **1100+** project neighbors mailed annual project newsletters and informational postcards
- **30+** project blogs and **110+** project e-news updates shared with **1400+** subscribers
- **32+** project videos shared with **2600+** Facebook and YouTube subscribers
- Outreach to **8** Tribal nations, **4** meetings with Urban Indigenous Engagement Circle, ongoing Indigenous Traditional Ecological and Cultural Technology assessment
- Project fact sheet and overview video in **4** languages, **6** meetings with Water Stewards representing **9** diverse Portland communities
- **Project briefings** for City Council, cultural organizations, local tribes, watershed councils, neighboring water utilities, and more...

Local context and community input helped shape facility design decisions

- Facility architectural style, lighting and sound
- Site landscaping and stormwater management

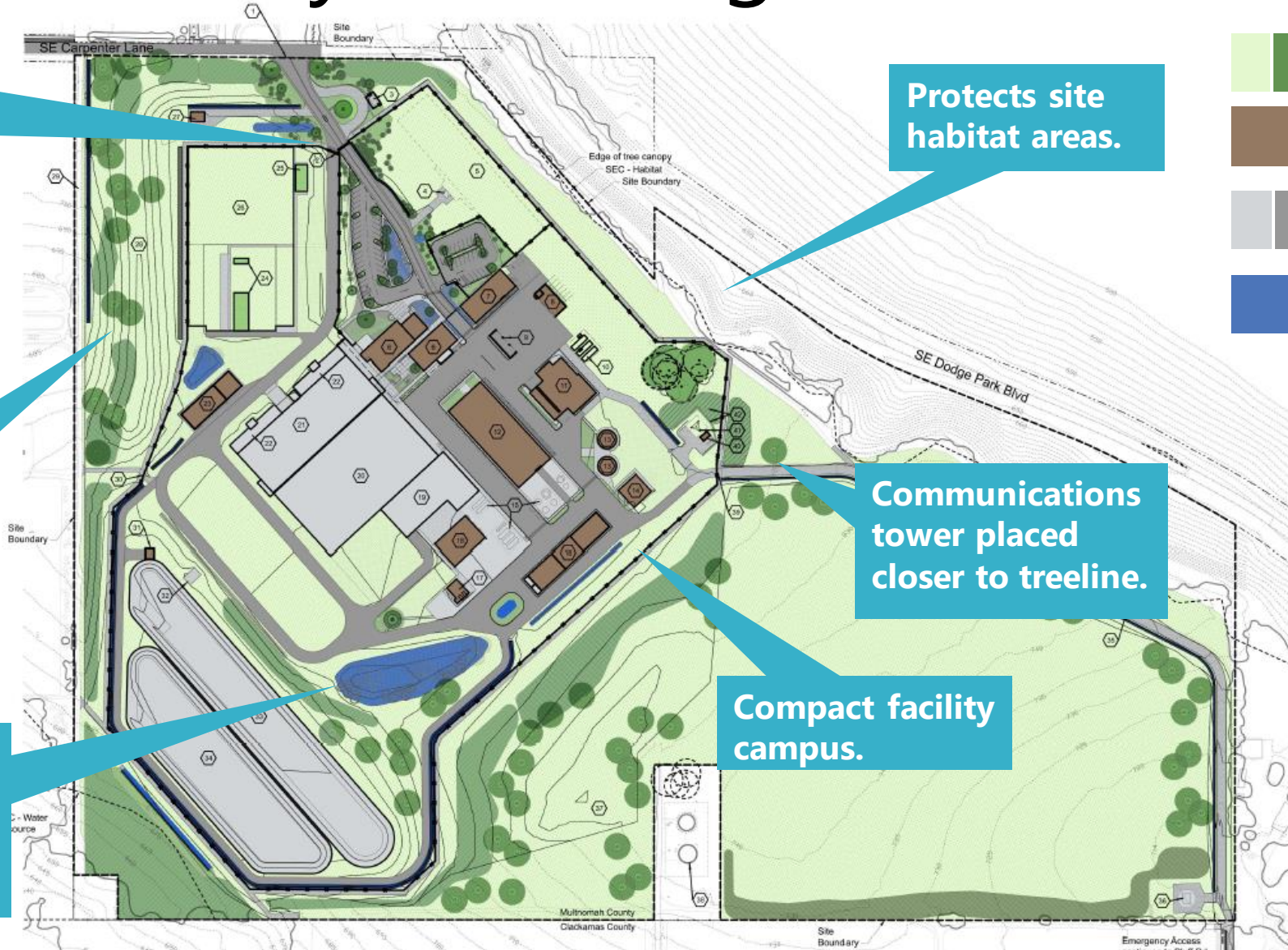
Site Advisor Input: **Agrarian Style**



- Really like this style
- This style is okay
- Really dislike this style



Proposed facility site design



Main entry screened and set back from road.

Protects site habitat areas.

Plantings and berms to screen views of the facility.

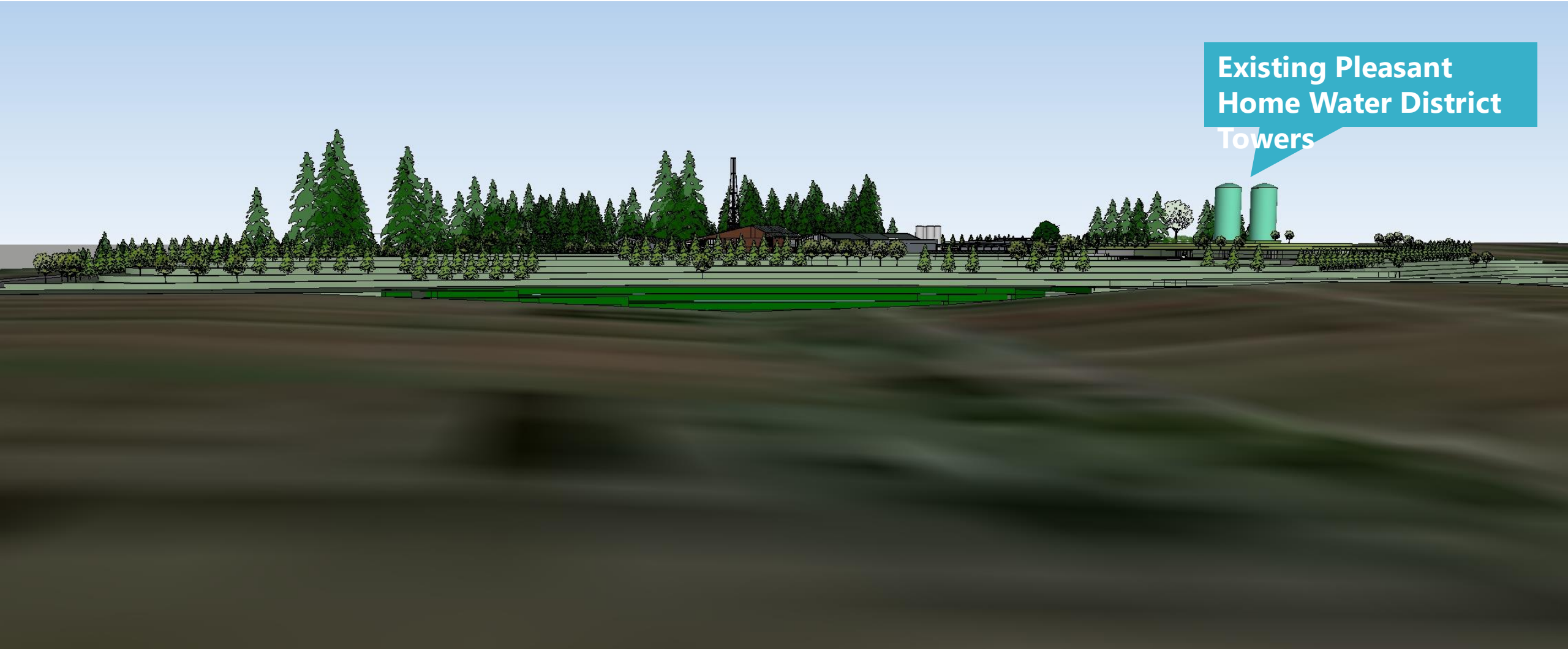
Communications tower placed closer to treeline.

Stormwater improvements to match pre-development flows.

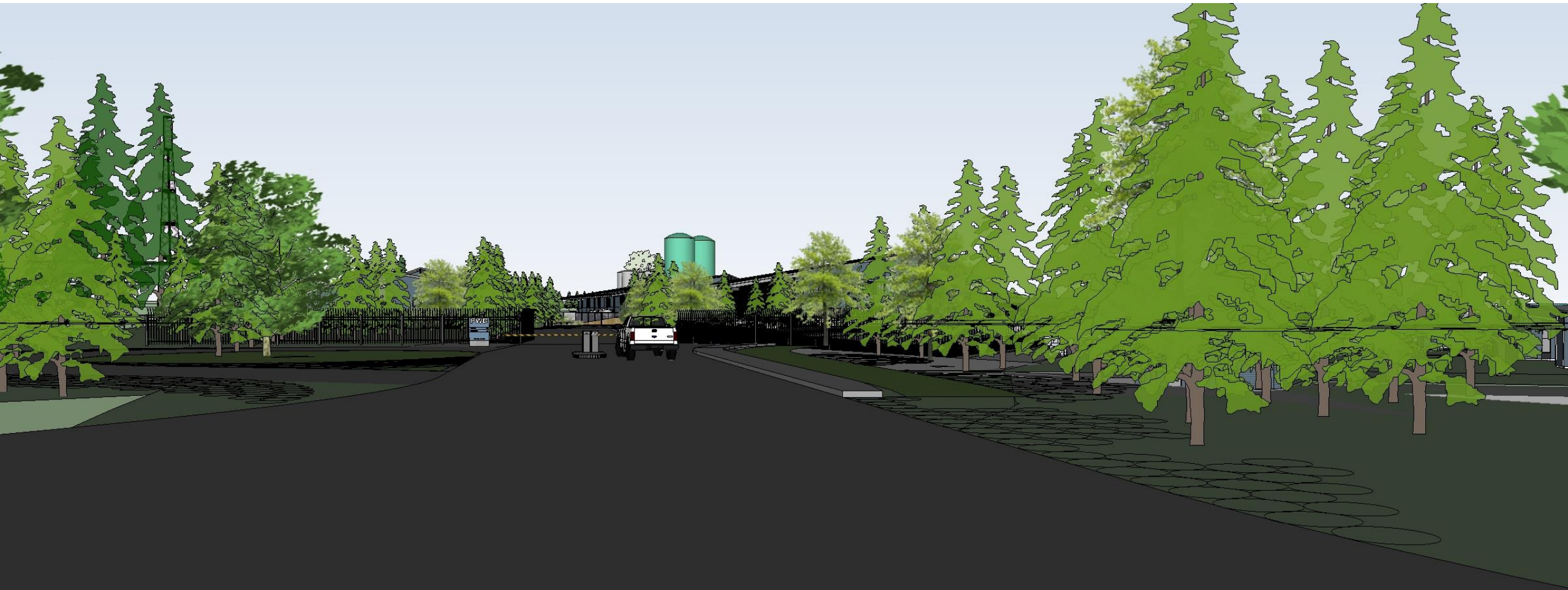
Compact facility campus.

- Landscaping
- Buildings
- Paving
- Stormwater planting

Water filtration facility seen from adjacent property west of site



Water filtration facility main entry seen from SE Carpenter Lane



Proposed water filtration facility design



Building design

- Consistent with standards for building heights, setbacks, and fire-life safety
- Simple, utilitarian design similar to area agricultural buildings
- Darker, earth-toned colors similar to nearby Columbia Gorge Scenic Area standards
- Designed for LEED certification and net-zero energy use
- Integrating stormwater management

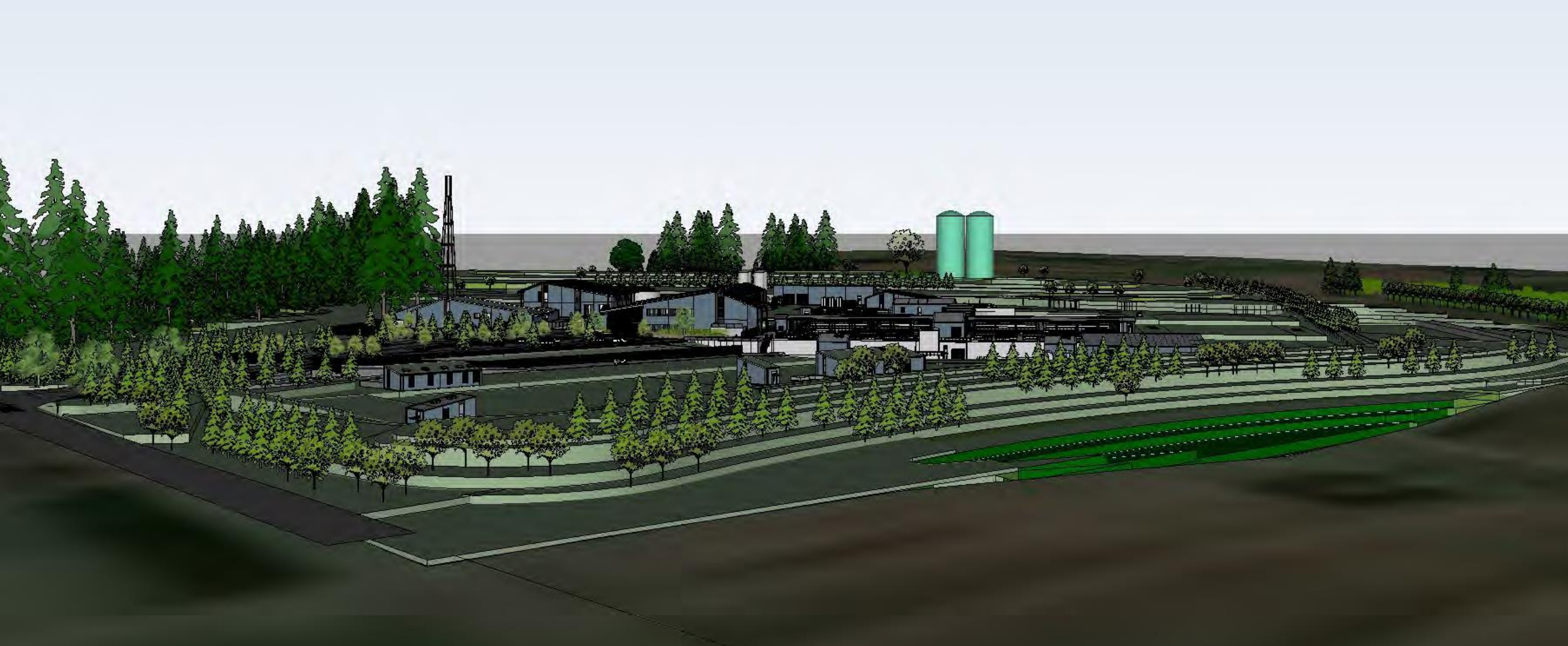


Project Information

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Project webpage:
portlandoregon.gov/bullrunprojects

Project e-news:
portland.gov/B RTPnews



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Thank you!

Learn More portland.gov/bullrunprojects