

Bull Run
TREATMENT
PROJECTS

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

PORTLAND WATER BUREAU

Bull Run Treatment Projects

Annual Report to Council

July 27, 2022



The Bull Run Treatment Projects will help keep our water **safe and abundant** for generations to come



**For our
health**



**For our
economy**

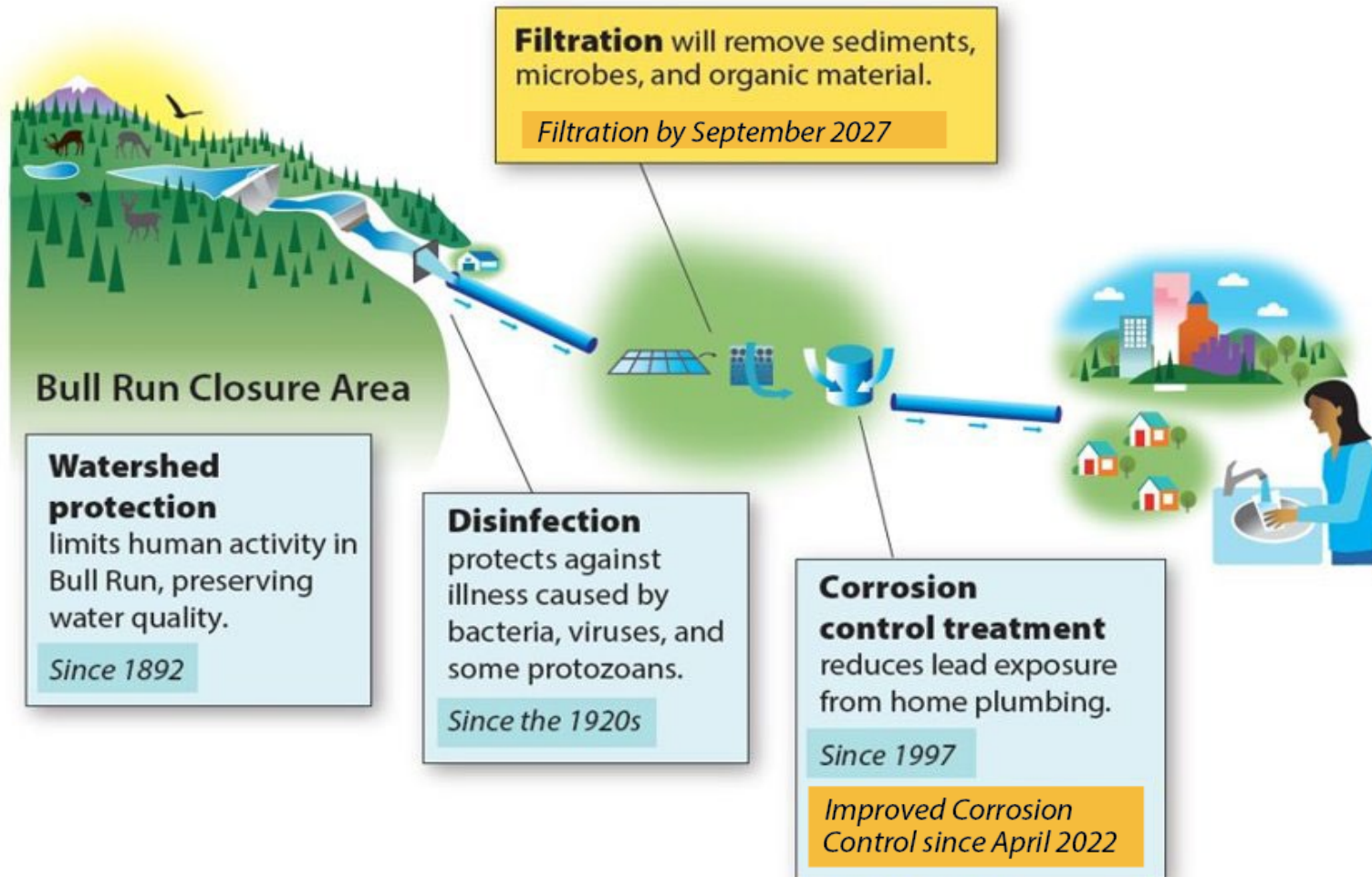


**For our
future**

Today's Annual Report presentation

1. Program Background
2. Improved Corrosion Control Treatment Project Update
3. Filtration Facility and Pipeline Projects Update
4. Program Outreach
5. Budget and Schedule Status
6. Upcoming Milestones

The Bull Run Treatment Projects protect public health and comply with drinking water standards



Improved Corrosion Control Treatment

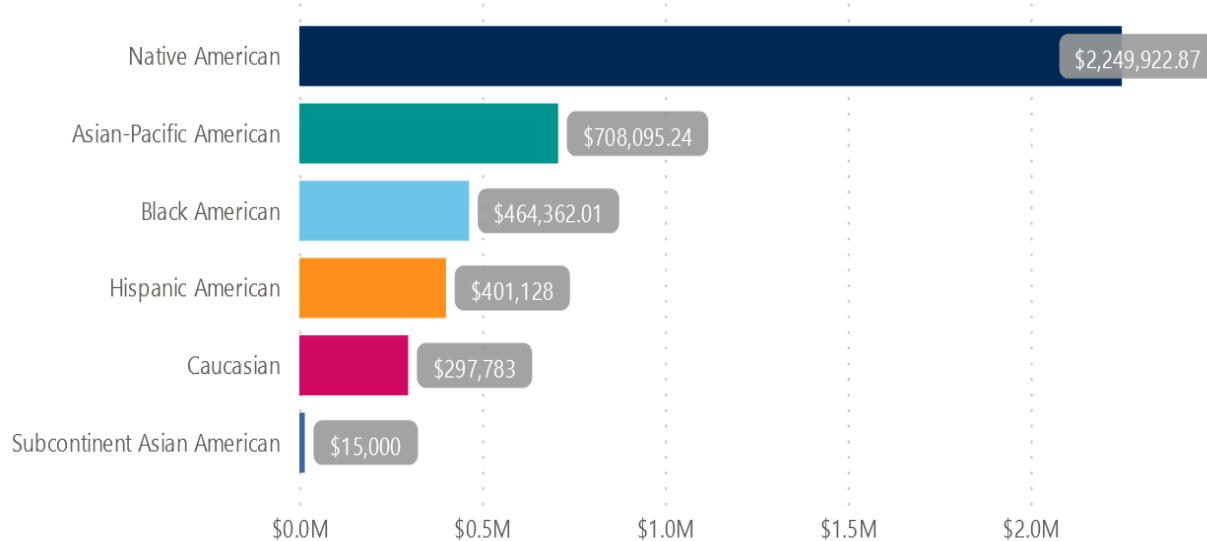
- Construct facilities with improved treatment tools to help reduce risk of lead exposure at customers' taps
- Completed on schedule
- Completed on budget (\$20.2M)



ICCT construction equity results

Contracting:

- 54.64% COBID Participation
- \$4M to COBID firms



Workforce:

- 26,500 hours from minority and female tradespeople

Apprentice Participation

75.0%

Minority (Goal: 22%)

59.3%

Female (Goal: 9%)

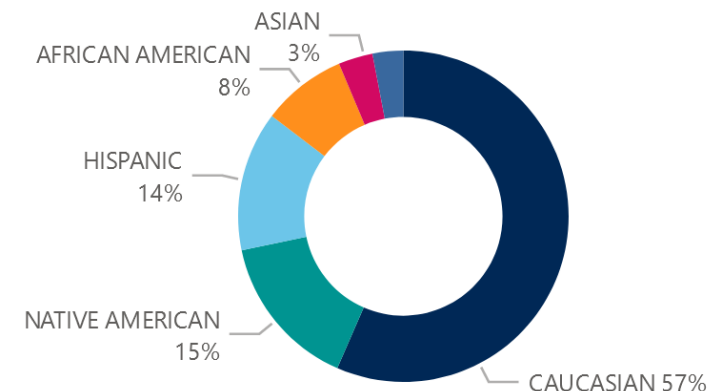
Journey Participation

32.8%

Minority (Goal: 22%)

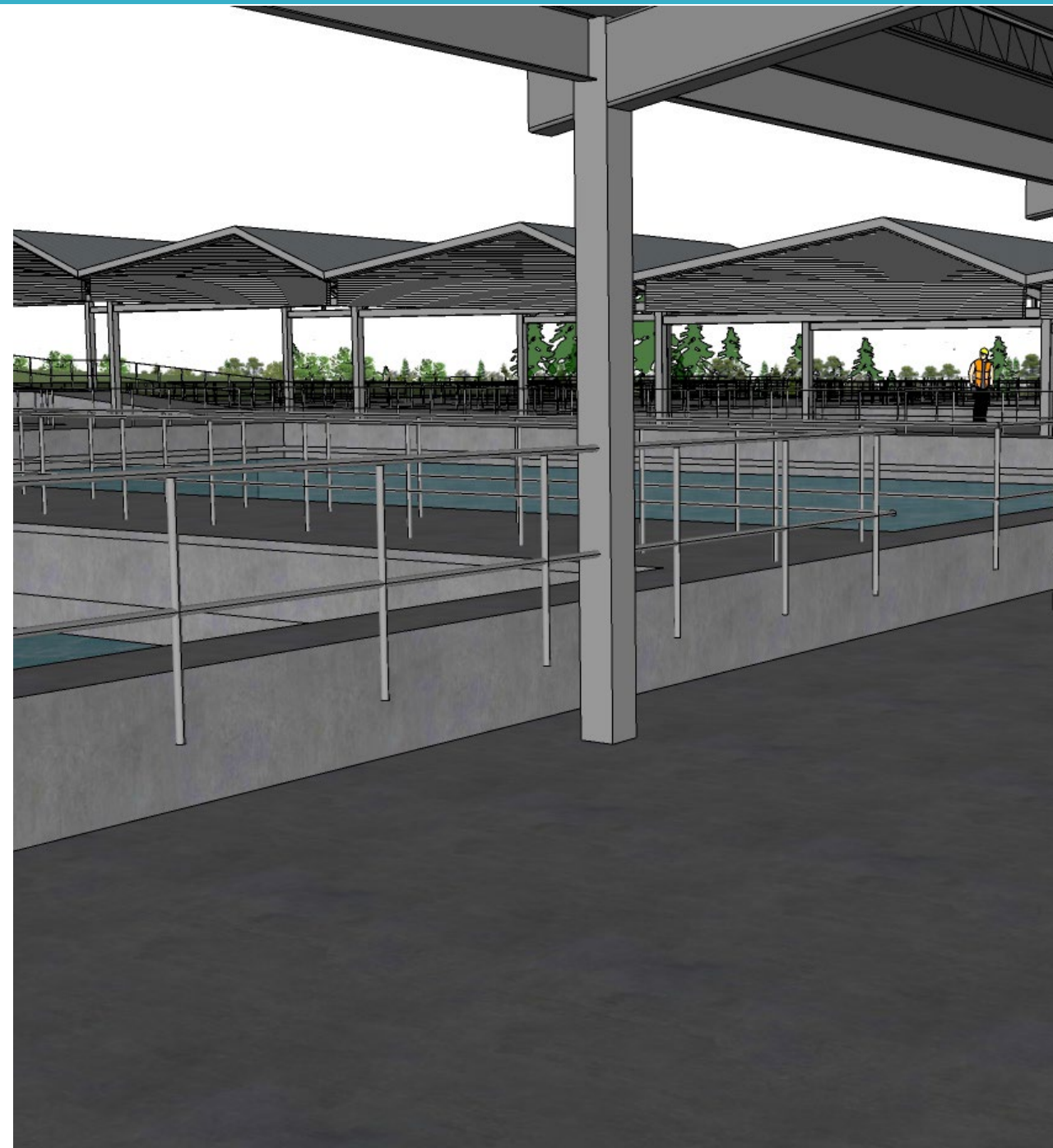
9.9%

Female (Goal: 6%)

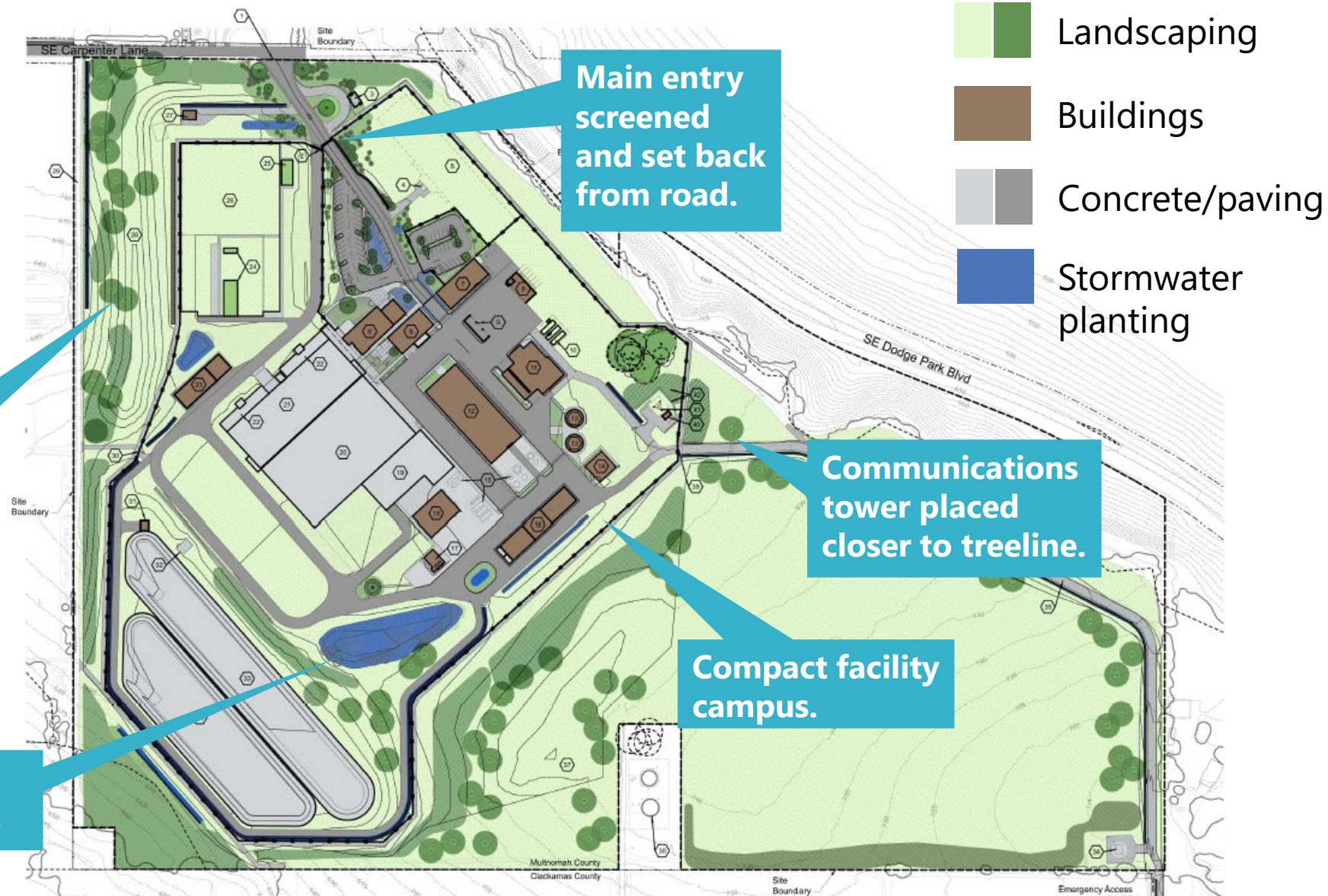


Filtration Facility

- 135 mgd conventional filtration
- On schedule
 - 90% design to Oregon Health Authority October 2022
- Within program budget
 - Continued cost-management
 - **\$40M** in value engineering



Proposed facility site design



Sustainability approach

- Holistic approach
- LEED certification and **net-zero** energy use for Admin Building
- Envision Certification for the site
- **Low-carbon** concrete for process basins and structures
- Integrating swales and other stormwater management

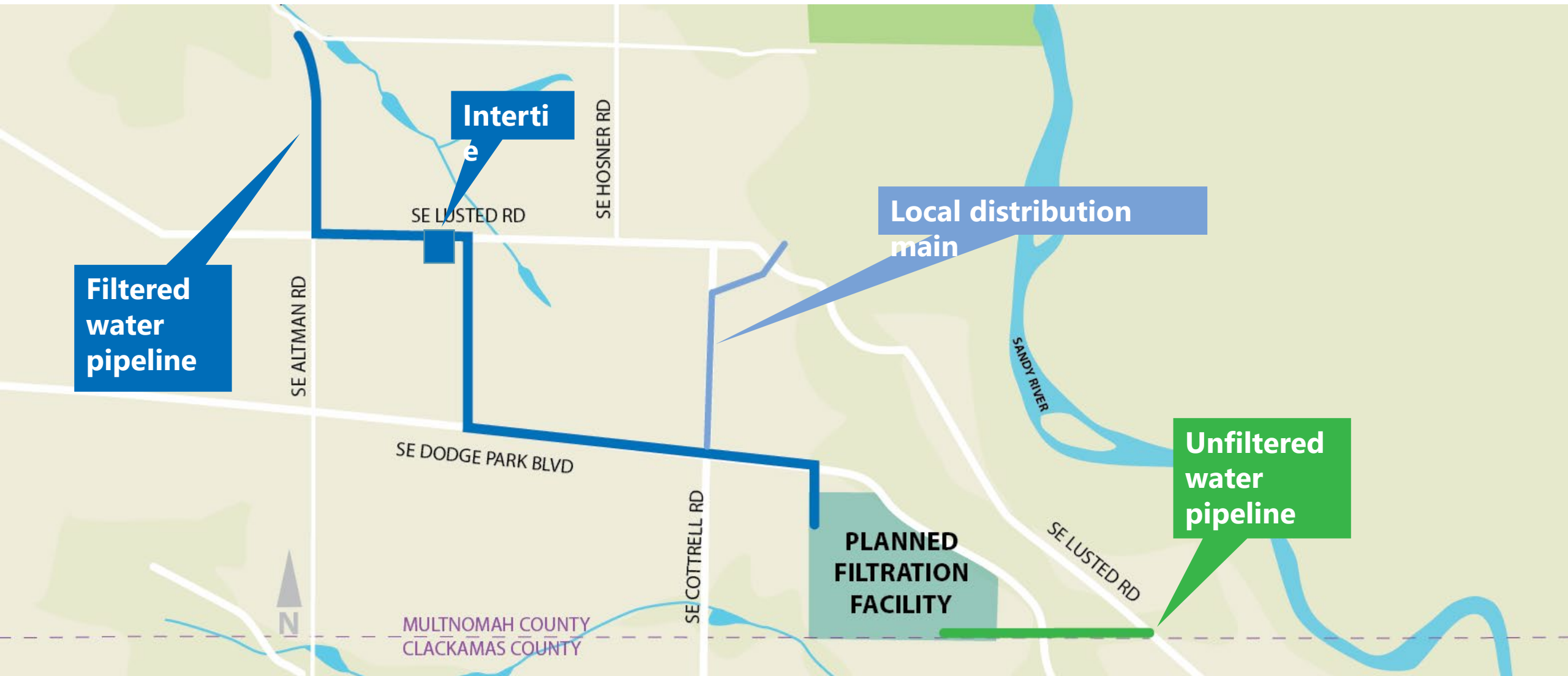


Filtration Pipelines

- 35,000 l.f. of seismically reinforced pipelines and one new intertie
- On schedule
 - 90% design complete in December this year
- Within program budget
 - Continued cost-management
 - **\$70M** in value engineering



Reduced planned pipe routes and number of new intertie facilities



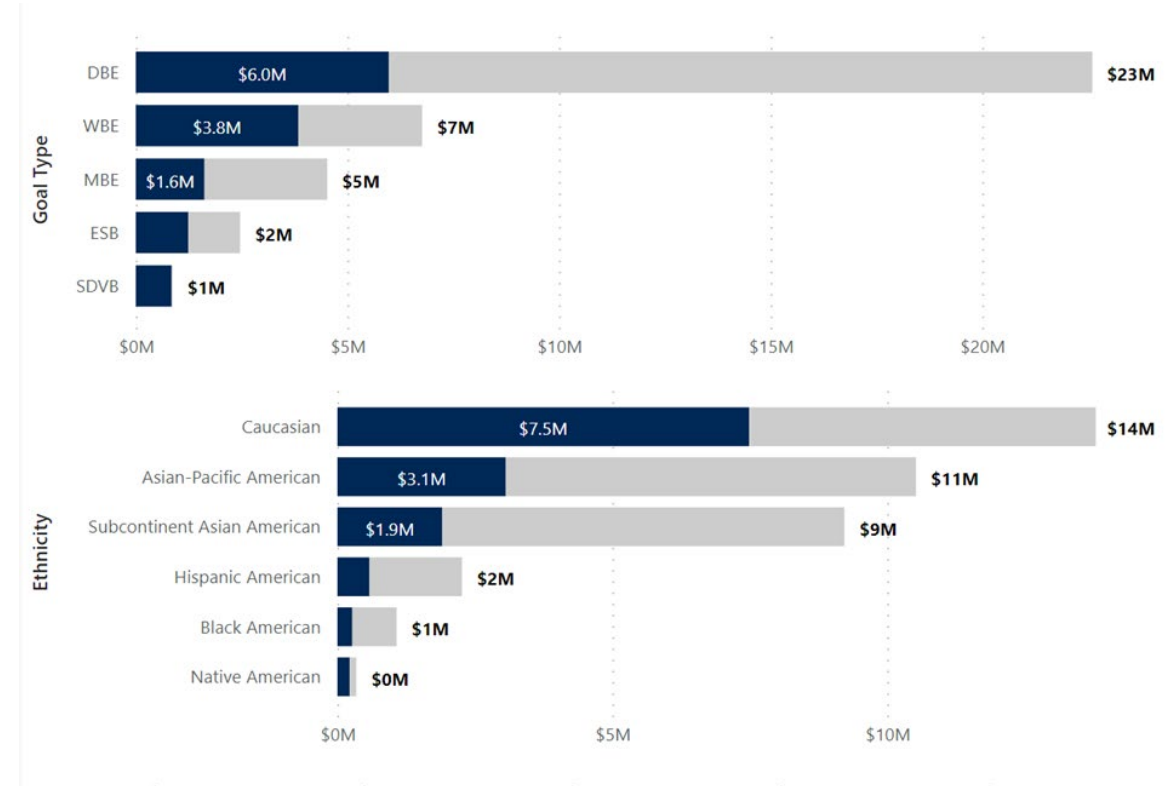
Filtration Projects equity contracting

PTE

- **Approximately \$35M** contracted with COBID-certified firms
- 26 participating in Capacity Building Support program
- On track to exceed City goal of 20%

Workforce

- Actively engaged with the community
- **First large project in region** to implement new Regional Workforce Equity Agreement



Keeping the community informed and involved

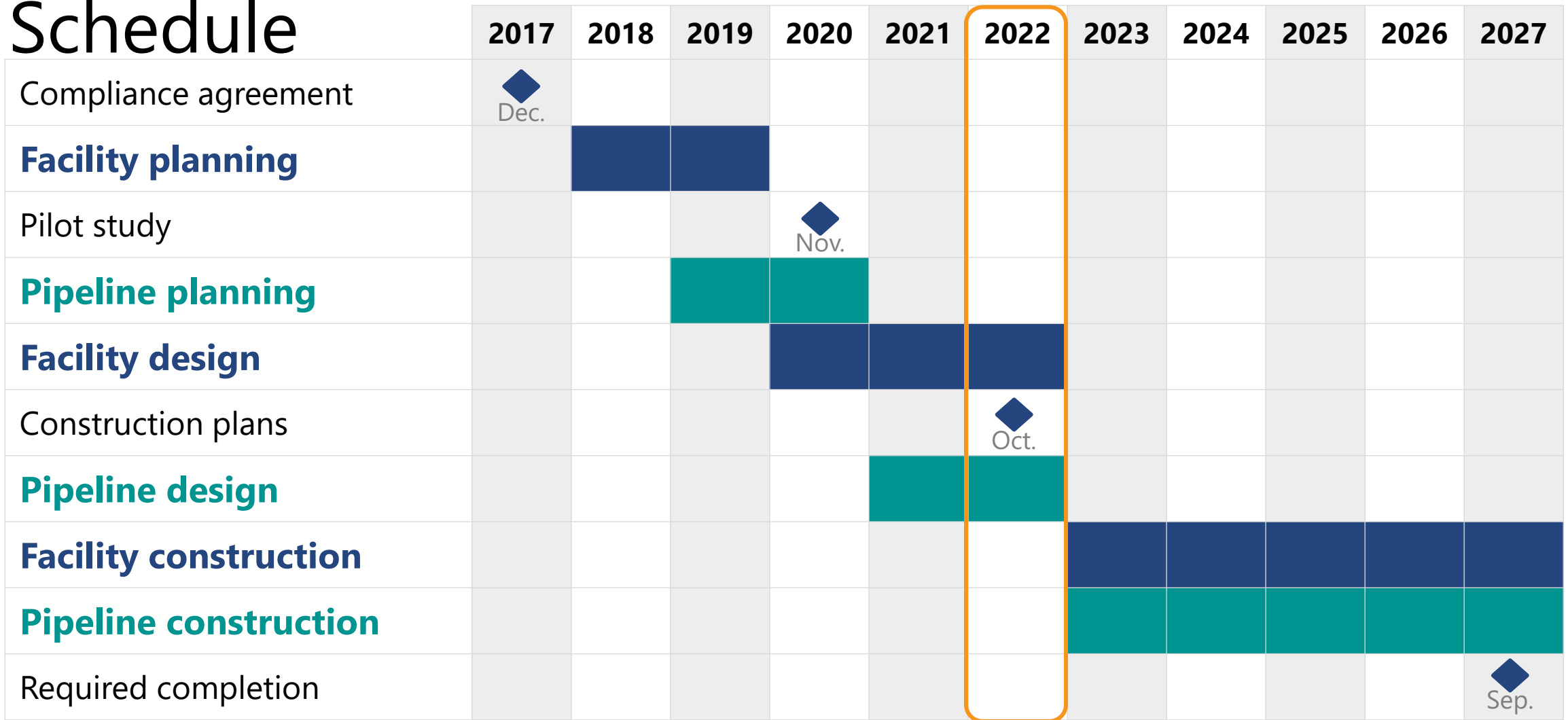
- Sharing **regular updates** through project e-news, online events, social media, and more...
- Using **community values** to inform project decisions
 - Focus Groups
 - Water Stewards Pilot
 - Outreach to Indigenous community



Current estimated program costs

	WIFIA Application & Funding Plan	2021 Estimated Costs	Current Estimated Costs
Capital Costs and Inflation	\$967	\$1,173M	\$1,249M
Other Costs (financing costs, overhead, and interest)	\$106M	\$106M	\$106M
Available Contingency	\$410M	\$204M	\$128M
TOTAL PROGRAM FUNDING	\$1,483M	\$1,483M	\$1,483M

Bull Run Filtration Schedule



Oregon Health Authority
deadline



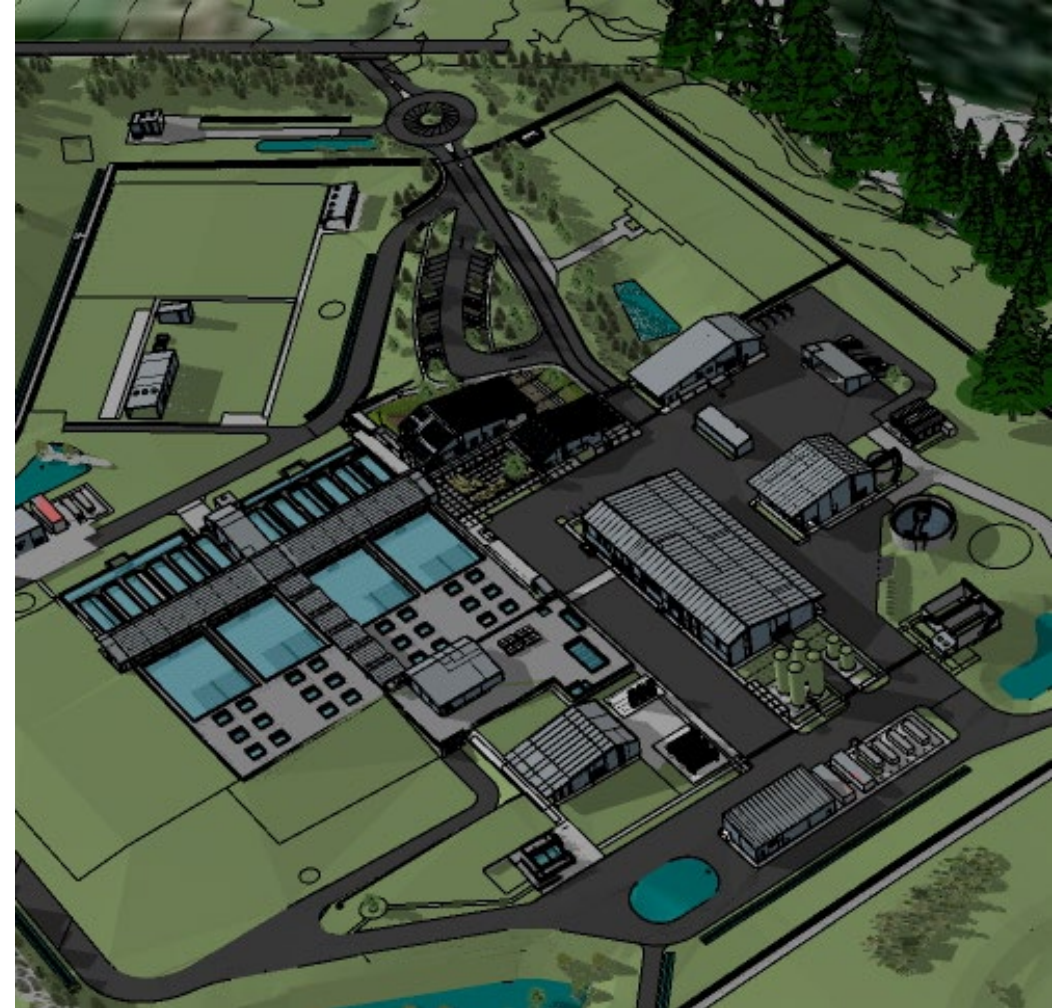
Filtration facility

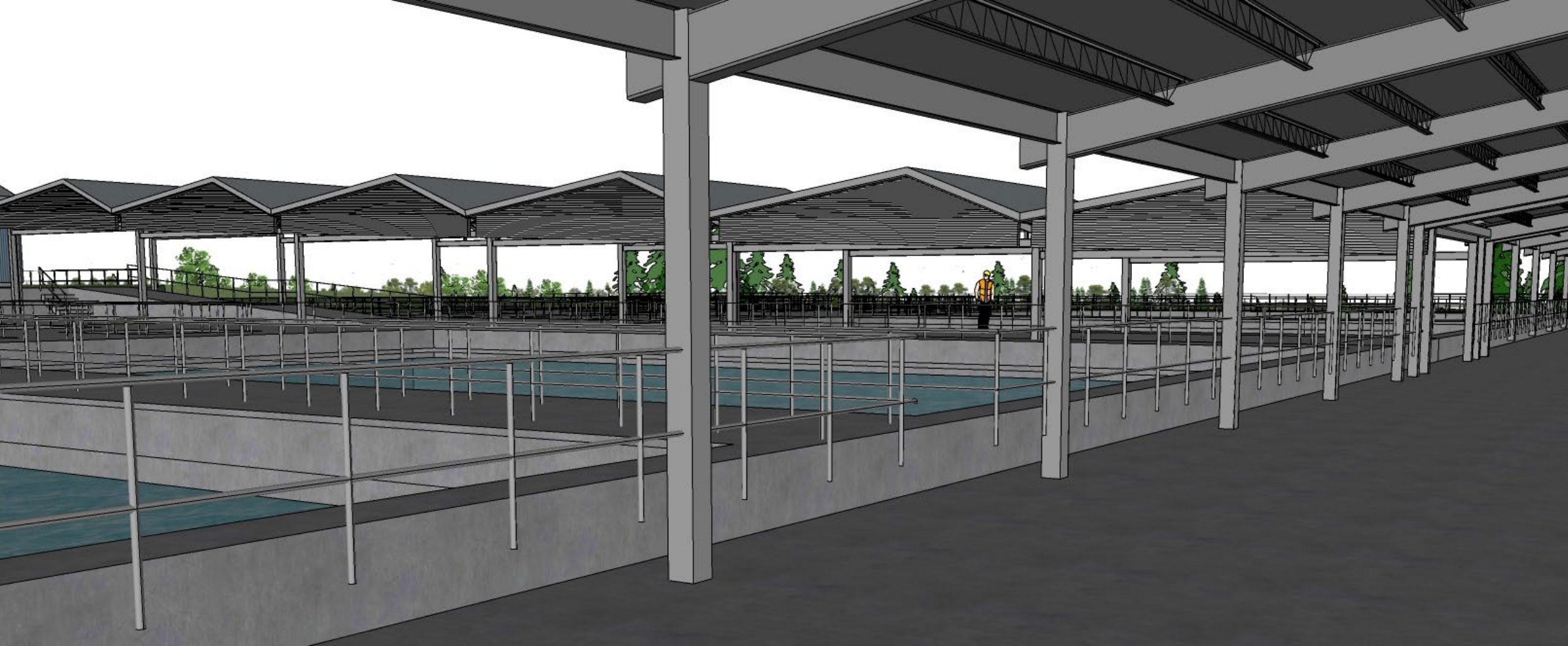


Pipelines

Looking forward

- Completing design and moving to construction
 - Land use permitting process and hearing
 - Easement acquisition ordinance
 - IGA with Pleasant Home Water District and City of Sandy
 - Continued cost management
 - Commitment to maintaining affordability, including using WIFIA loan
- Items in blue have a Council Action





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Learn More portland.gov/bullrunprojects

Thank you!