



Bull Run
TREATMENT
PROJECTS

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

PORTLAND WATER BUREAU
Bull Run Treatment Program

Fair Contracting Forum

January 27, 2022



Bull Run Treatment Projects will help keep our water **safe and abundant** for the next century and beyond



**For our
health**

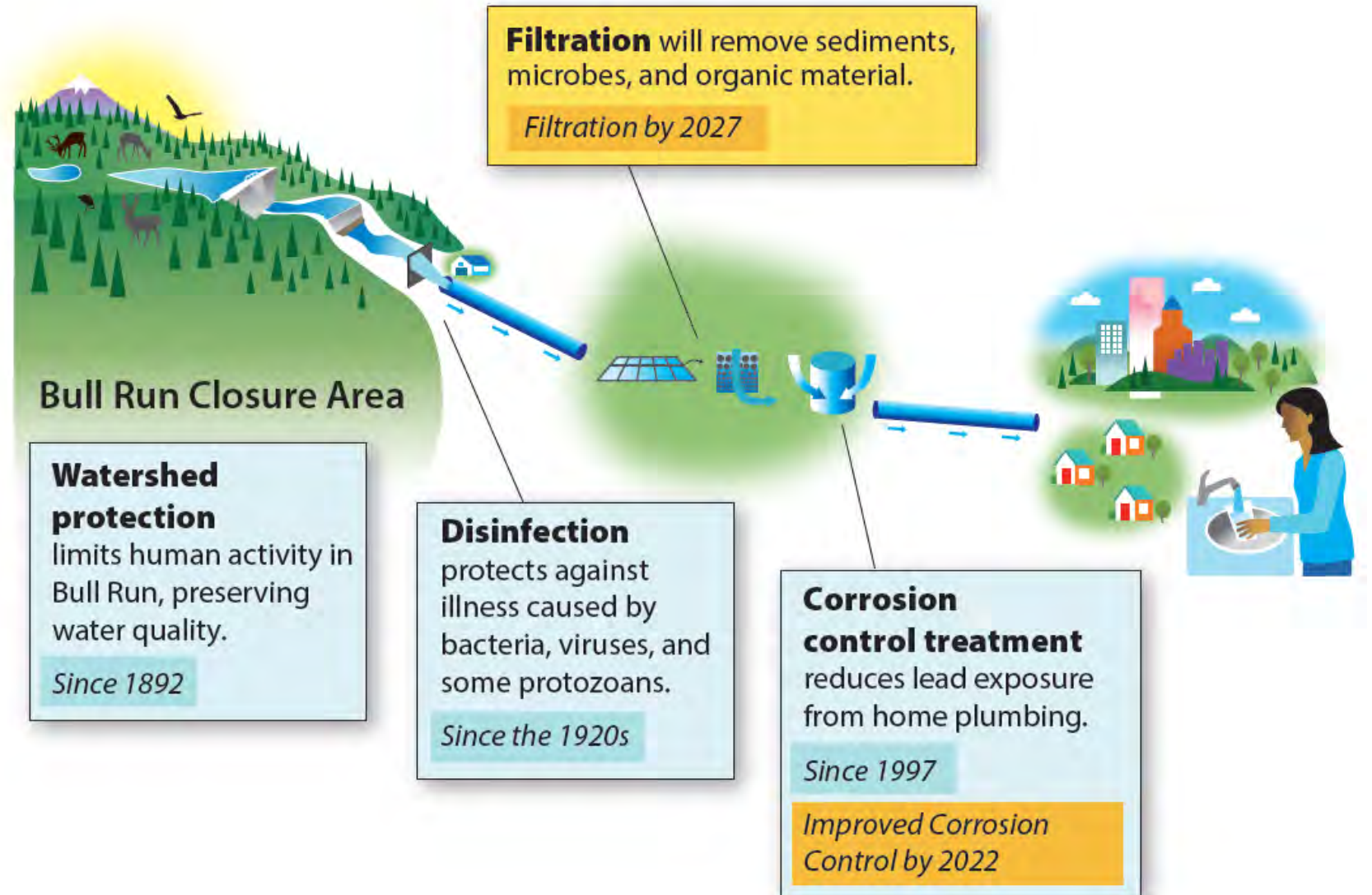


**For our
economy**



**For our
future**

Improvements
to our system
are needed to
meet national
drinking water
standards



COMPLETION SEPTEMBER 2027

Bull Run Filtration and Pipelines Projects

- Projects are CM/GC
- Filtration Facility: MWHKiewit GC
 - Completed 60% Design Package
 - Final Design October 2022
- Filtration Pipelines: Bull Run Conveyance Partners GC
 - Completed 30% Design Package
 - Final Design Late 2022
- Anticipate Construction Contract execution in early 2023 for both projects



Conceptual site design for filtration facility.

Equity as we move towards construction



Construction
2023-2027

- Continue outreach to contracting community and workforce community groups
 - Andre Baugh (Facility)
 - Faye Burch (Pipelines)
- Development of construction procurement and subcontracting plans
- Identify and Convene a Project Labor Management Community Oversight Committee for each Project 2022
- Projects are governed by the Community Benefits Agreement (CBA) with defined participation goals



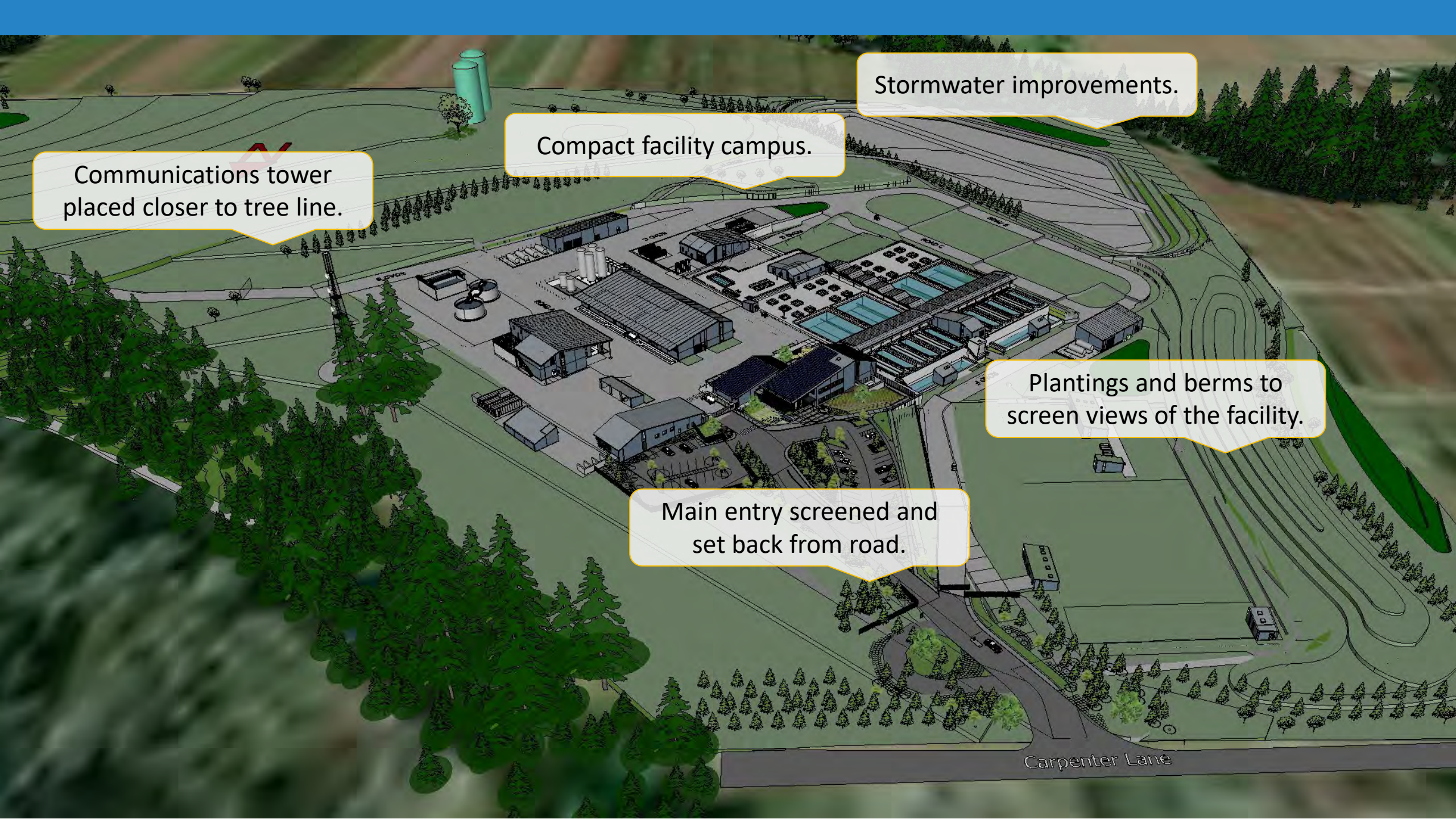
Proposed site concept

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Facility Update

Site location





Communications tower
placed closer to tree line.

Compact facility campus.

Stormwater improvements.

Plantings and berms to
screen views of the facility.

Main entry screened and
set back from road.

Carpenter Lane



Pre-Construction (2022)



- ✓ Contractor has 4 Opportunity contactors working on scope for 60% pricing
- ✓ CBA signature process, starting soon and continuing through 2022
- ✓ Subcontract Bid Packages after 60% design, second half of 2022
- ✓ JV will begin developing the diversity plan in conjunction with their subcontracting and procurement plan which is currently being drafted
- ✓ Subcontracting Outreach, throughout 2022 and 2023



Construction (2023-2027)

- ✓ Constructing filtration facility
- ✓ Implementing steps to improve safety and reduce community disruption



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Pipeline Update

Planned pipeline routes

- Final routes are changing
- Includes:
 - large (60-72") diameter seismically resilient steel pipe (open cut and bored)
 - ~1500' tunnel and 200' deep shaft
 - Multiple interties



Bull Run Conveyance Partners



Pre-Construction (2022)

- ✓ Pre-Construction Contract signed January of 2022
- ✓ Coordinating with pipe designer on best construction methods
- ✓ Providing early input on construction sequencing
- ✓ Helping evaluate traffic control and safety measures
- ✓ Developing construction management plan



Construction (2023-2027)

- ✓ Constructing pipeline in segments
- ✓ Implementing steps to improve safety and reduce community disruption

Current estimated program costs

		Estimated Costs
Capital Costs		\$1,024M
Other WIFIA-eligible Costs (financing costs, inflation, overhead, and interest)		\$255M
Available Contingency		\$204M
TOTAL PROGRAM FUNDING		\$1,483M

COMPLETION APRIL 2022

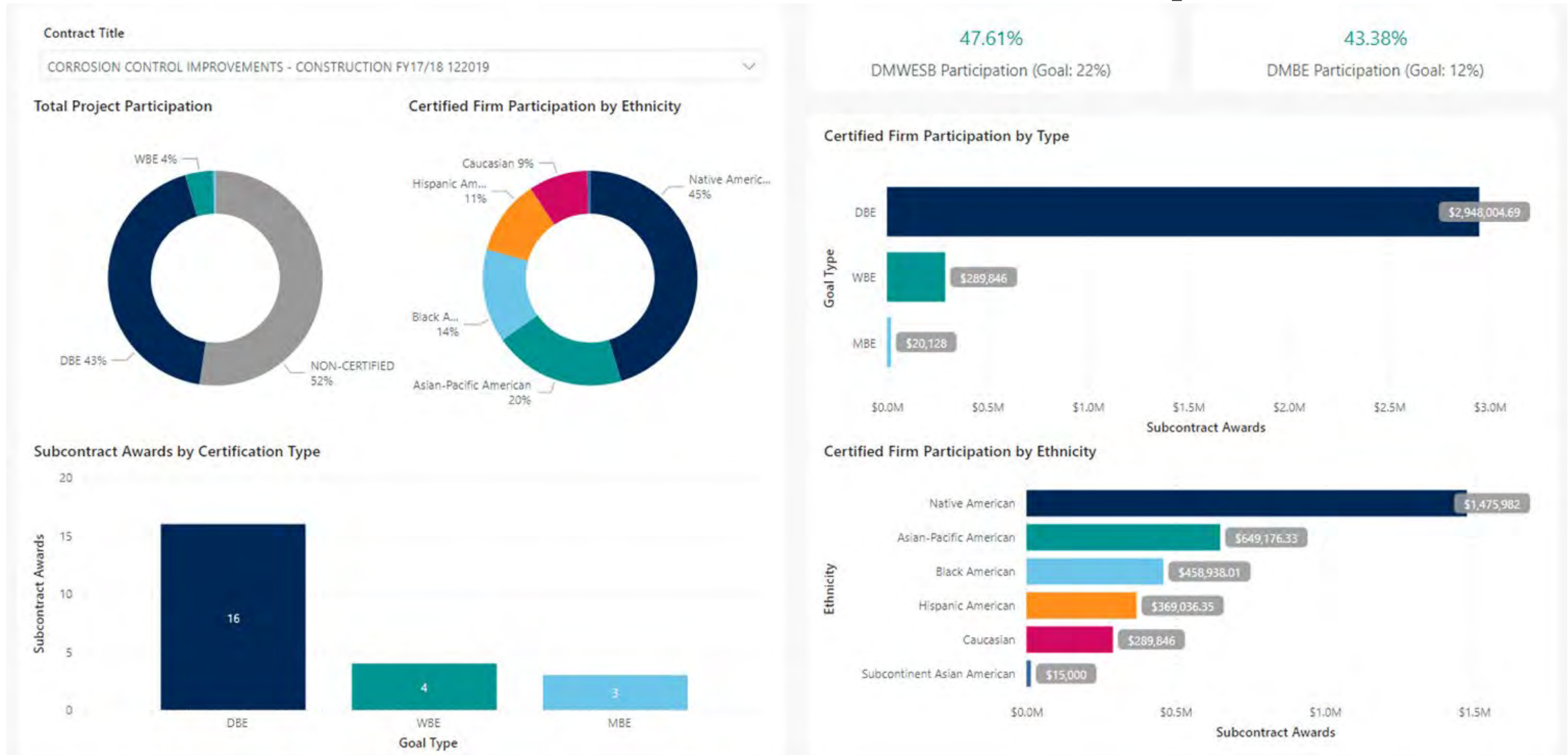
Improved Corrosion Control Treatment (ICCT)

- On track to achieve **compliance deadline** in April 2022
- **95% through construction**- fencing, landscaping, and final commissioning still remain to be completed
- **\$3M** committed to COBID-certified firms for construction
- Constructed using the **Community Equity & Inclusion Plan** guidelines



Construction activities at Lusted Hill facility.

ICCT Construction COBID Participation



Community Equity and Inclusion Committee Reporting (December 2021)

How Best to Engage?



Construction
2023-2027

- Want to build on success of Corrosion Project. Welcome feedback on how that did or didn't work and can be improved.
- Water Bureau wants to maximize opportunity and award, are the things we can do to support that?
- Other factors we should be thinking about or other feedback?



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Learn More portland.gov/bullrunprojects

Thank you!