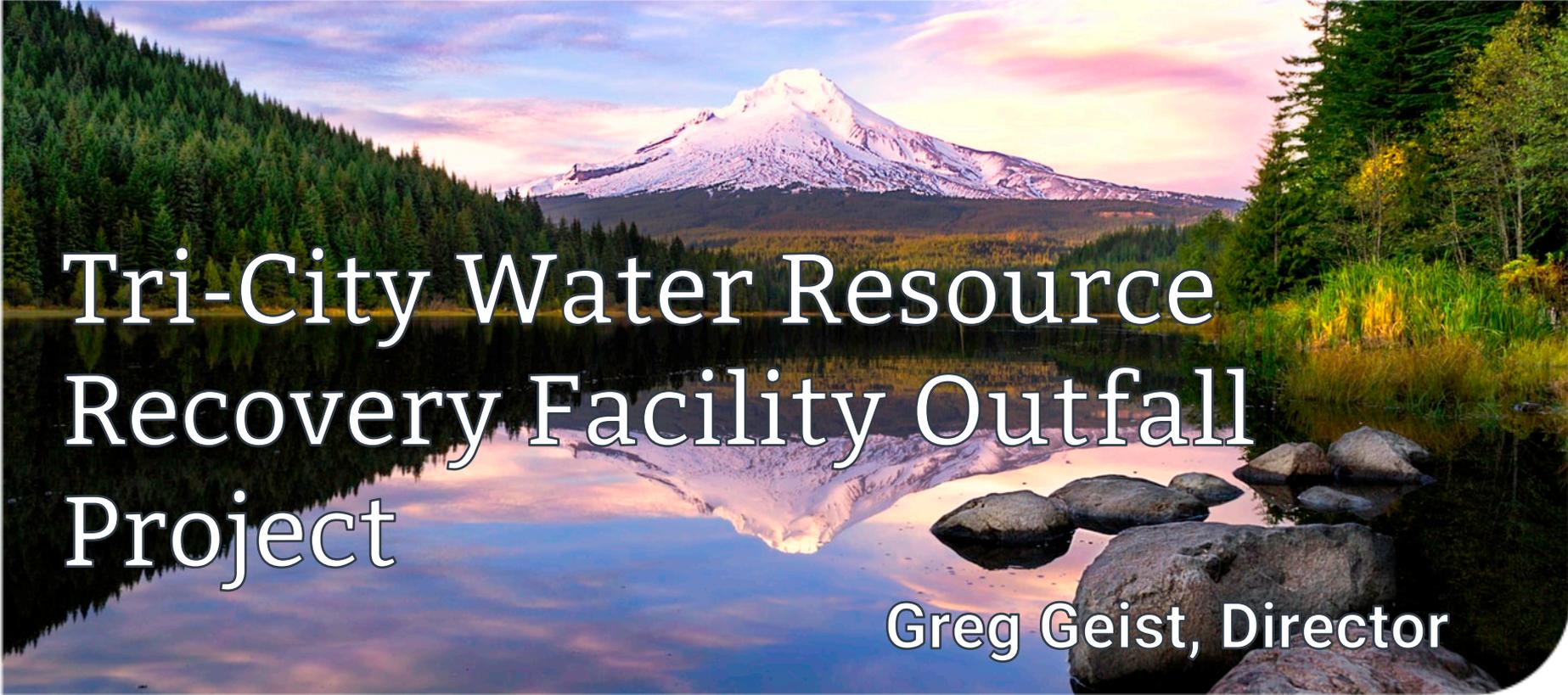




CLACKAMAS

WATER
ENVIRONMENT
SERVICES



Tri-City Water Resource Recovery Facility Outfall Project

Greg Geist, Director



Project Review

- The current outfall from the Tri-City Water Resource Recovery Facility (TCWRRF) was constructed in 1984 and is nearing its capacity during peak wet weather events.
- The solution is to build an outfall which will be large enough to provide potential capacity for decades to come.
- WES has the necessary funding for the outfall project, so this measure is not requesting approval of expenditure of funds.
- The Outfall Project is a component of WES' long-range Capital Improvement Plan.



Oregon City Charter

- In order to move forward with placing the outfall in the preferred alignment under Jon Storm Park, WES is seeking support of the Oregon City voting public through a ballot measure.

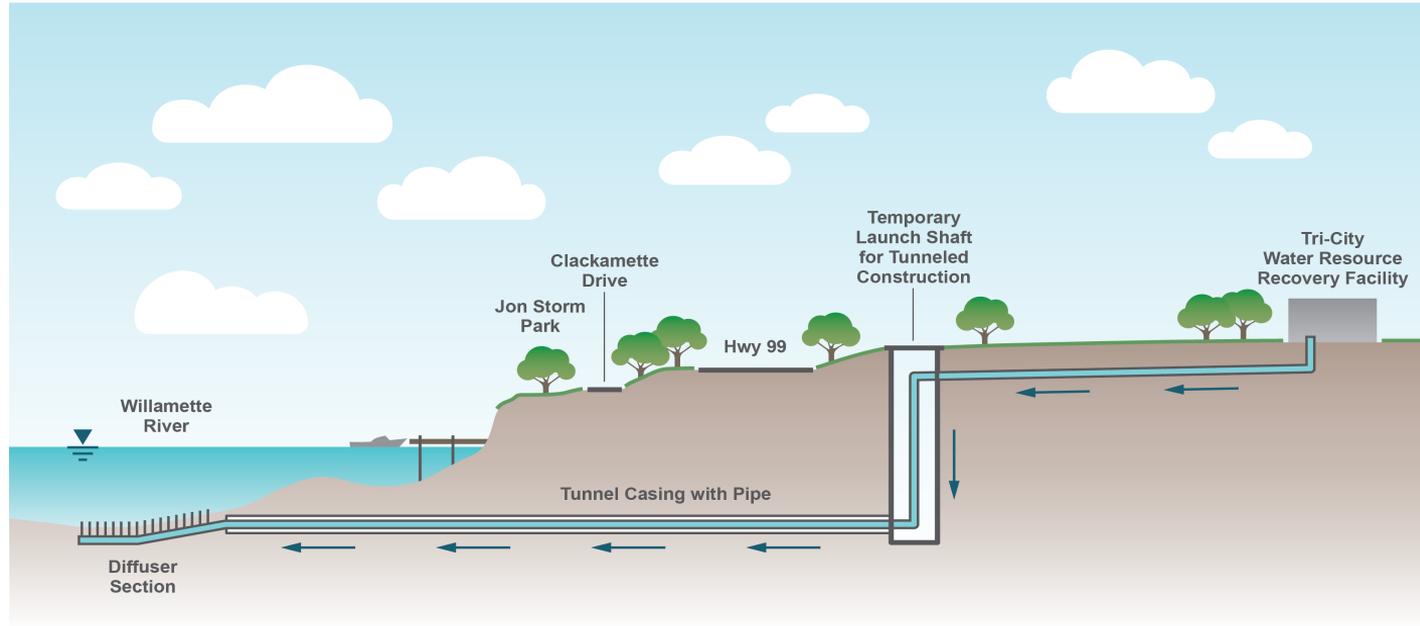
Preferred Alignment Next Steps

- Collect additional Geotechnical Data on the preferred route to confirm construction approach – underway and will continue into Summer 2020.
- Finalize Size (90”) and Pipe Material (FRP).
- Develop a permit strategy.
- Work with Oregon City on Ballot Measure.





Tunneling Technologies



NOT TO SCALE

Project Steps - Archaeology

STEP	Project Phase	Agency / Permitting Engagement	Archaeological Activities	Archaeological Reports / Plans
Step 1 – RESEARCH & IDENTIFY	Alternatives Evaluation		Desktop survey (SHPO database review)	Preliminary Archaeology Recommendations Report
			Site walk / reconnaissance	
STEP 2 - EVALUATE	Refinement of Preferred Route	Apply for SHPO Excavation permit	Site survey shovel test if advised	Archaeology Report for ACOE and SHPO & Tribes Review *
		Submit JPA to ACOE to initiate consultation with Tribes and SHPO through NHPA Section 106 process		
STEP 3 – AVOID / MITIGATE	Design of Selected Alternative	Incorporate permitting requirements in construction documents	Avoid impacts or mitigate for adverse impacts to significant cultural resources (historic properties)	Prepare Cultural Resources Monitoring Plan and Unanticipated Discovery Plan and possibly data recovery **
	Project Construction			

* Any cultural resources found on public lands will be documented and curated at a museum facility per SHPO excavating permit.

** If archaeological resources are encountered during construction, work will stop in the immediate vicinity of the find until a professional archaeologist in consultation with the lead federal agency, SHPO and area tribes can assess the significance of the find.

Engage Tribal Historic Preservation Office

Next steps in addressing concerns related to cultural resources:

- Hold online project overview meeting with Tribal Historic Preservation Office staff on June 25 similar to presentation given to members of Confederated Tribes of Grand Ronde on May 28.
- Host project field tour for Tribal Historic Preservation Office staff in July.



Public Outreach

- Spring-Summer: **Stakeholder Meetings**
- Summer: **Stakeholder Project Walking Tours**
- Mid-Summer: **Host Online Neighborhood Forums**
- Late summer: **Online Open Houses** on Wednesday, August 26, 2020 from noon to 1 p.m. and on Monday, September 21 from 6 p.m. to 7 p.m.

In addition, WES will use a variety of media platforms to educate and inform the public of the project.