

Drinking Water Update

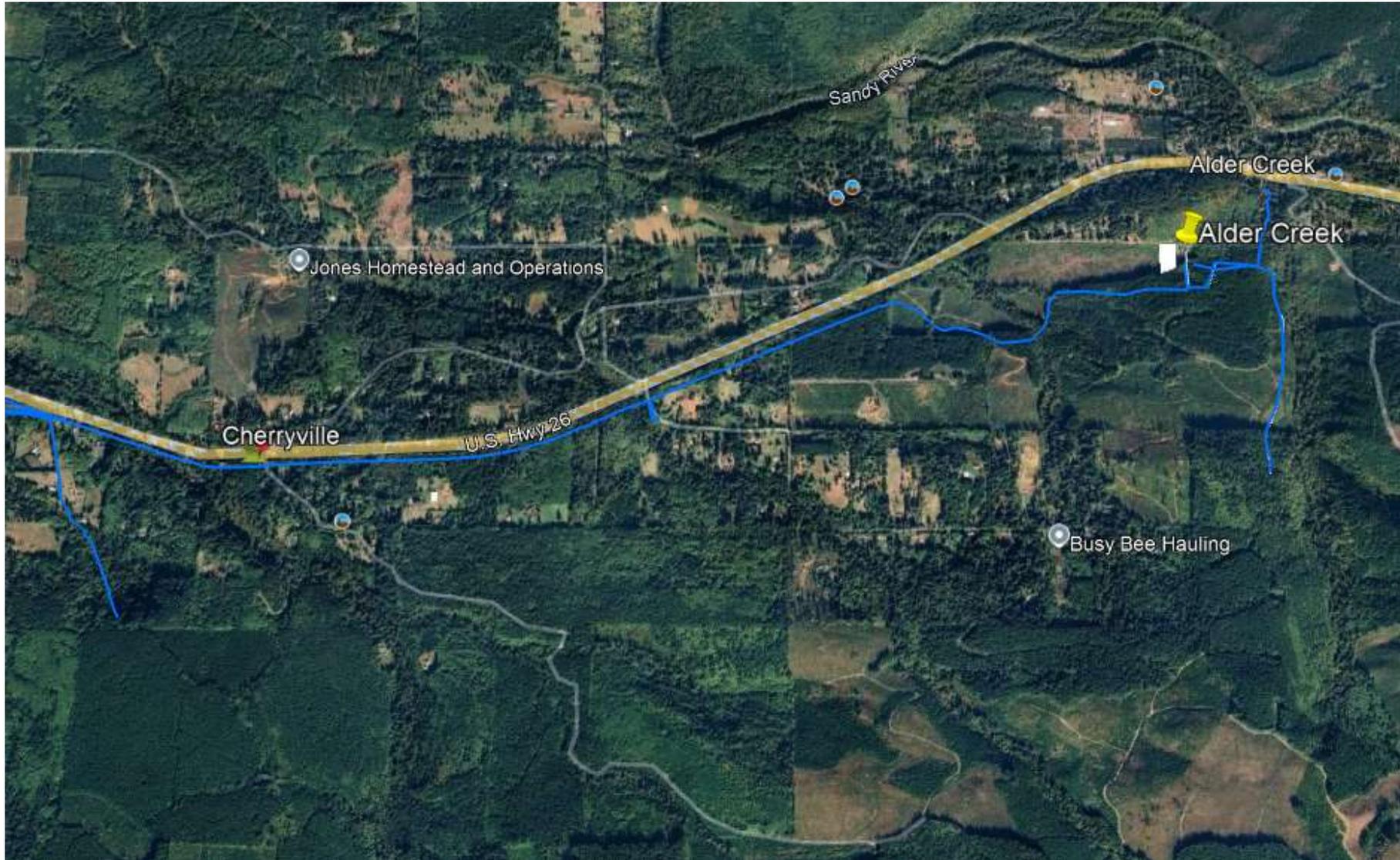
September 26, 2025

Sandy Drinking Water Reinvestment Program (SDWRP)

AGENDA

1. Alder Creek Update
2. Bull Run Pumpstation Update
3. Future Investments

Alder Creek Water Treatment Plant



Alder Creek Water Treatment Plant Upgrade

Why are we doing this

- Existing Treatment Plant Condition
- Existing Plant Capacity
- Need for Redundancy/Resiliency
- Improve Operability



Alder Creek Water Treatment Plant Upgrade

How do we fix it?

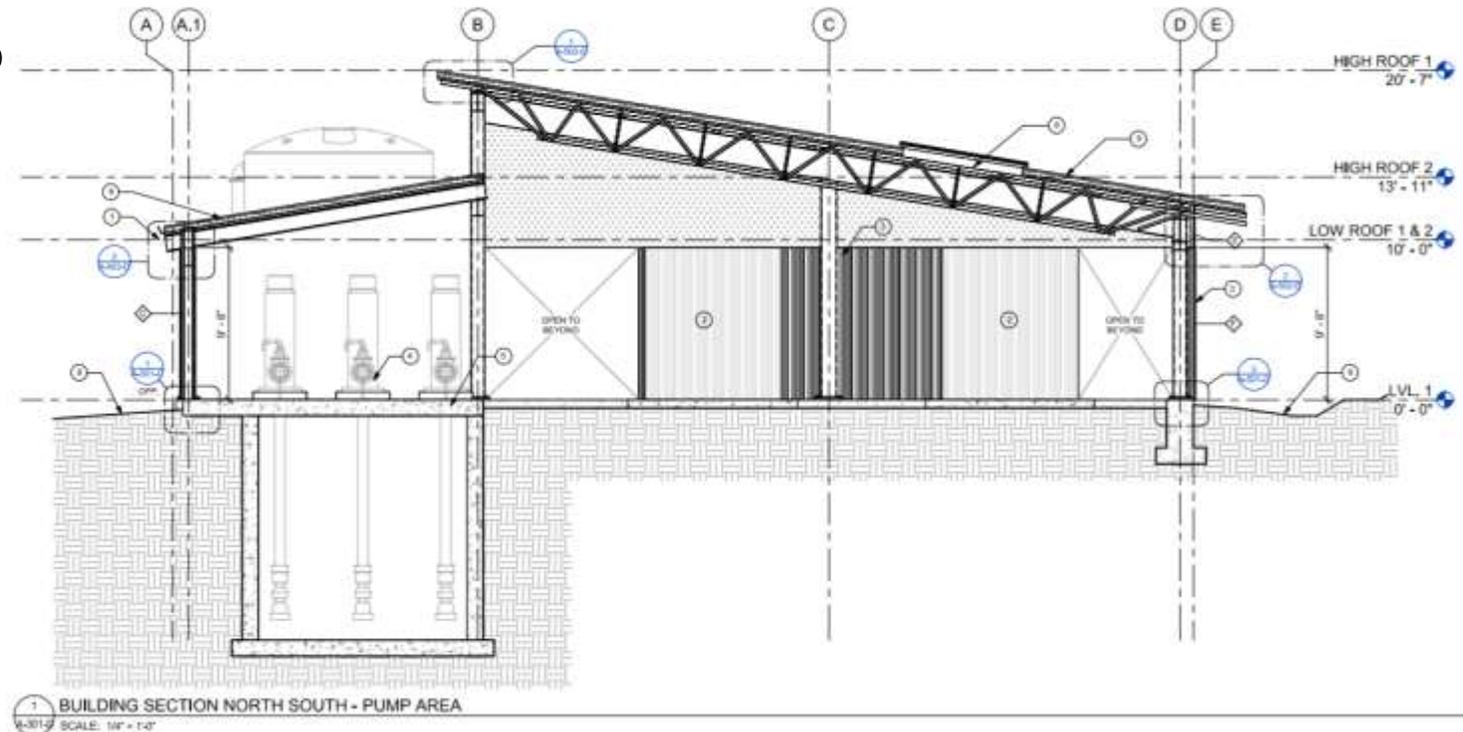
- New Membrane Filtration Plant
 - Increased Capacity and Full Redundancy
 - Improved Filtration
 - Increased Automation
- Booster Station Upgrade
- Minimized Disruptions to Service
- Bringing Filters 1&2 Back Online
- Additional Improvements to Water System
 - Sandercock
 - Terra Fern
 - Brownell Springs

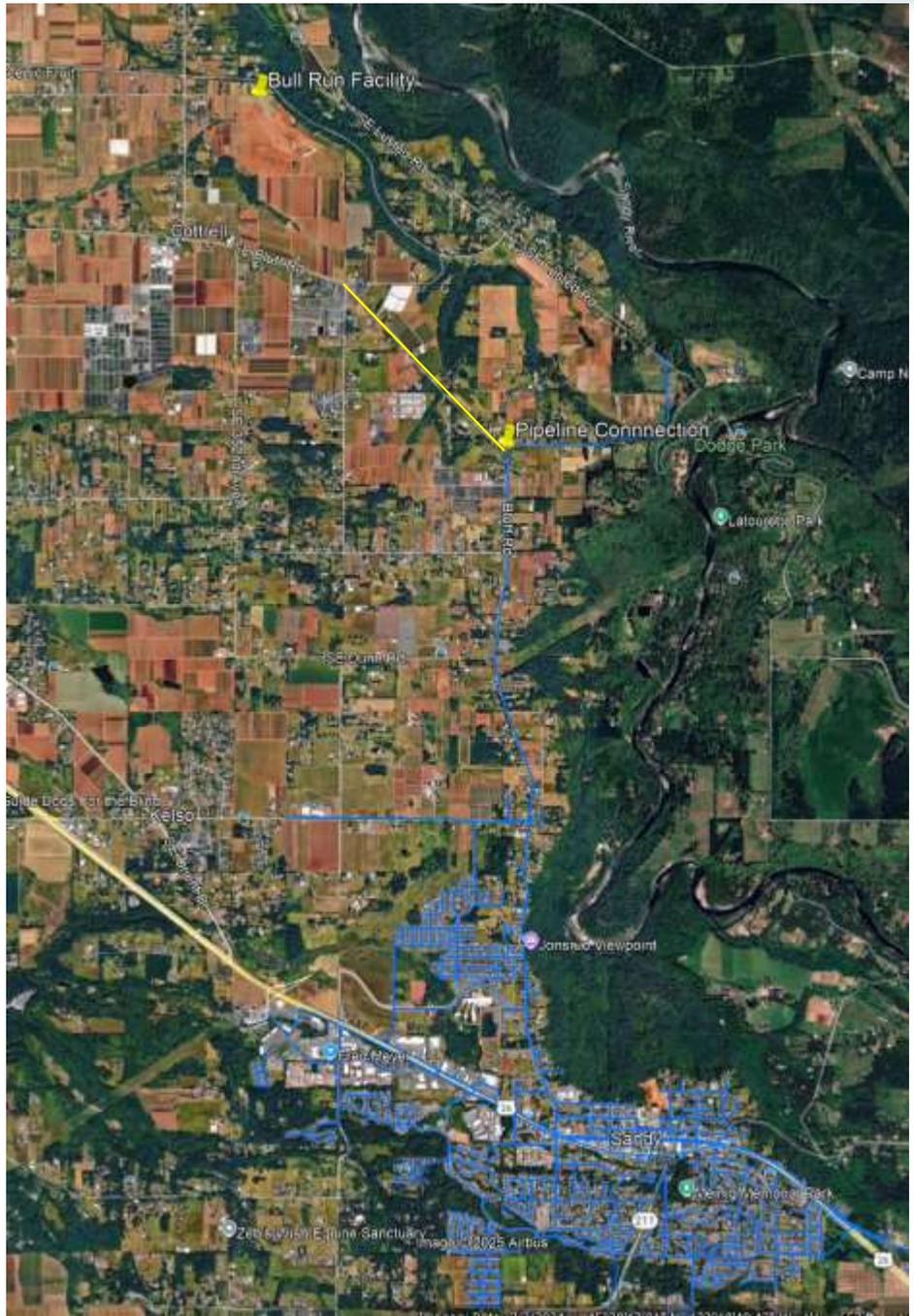


Alder Creek Water Treatment Plant Upgrade

Where are we now?

- Membrane filters will be on site in June
- Land use is approved
- Construction contract to be awarded to McClure & Sons Inc
 - \$11,532,851.00
 - 5 Bidders
 - Engineer's estimate \$14,149,000
- Long lead electrical items
 - Ordered Prior to bid
 - No longer a critical path

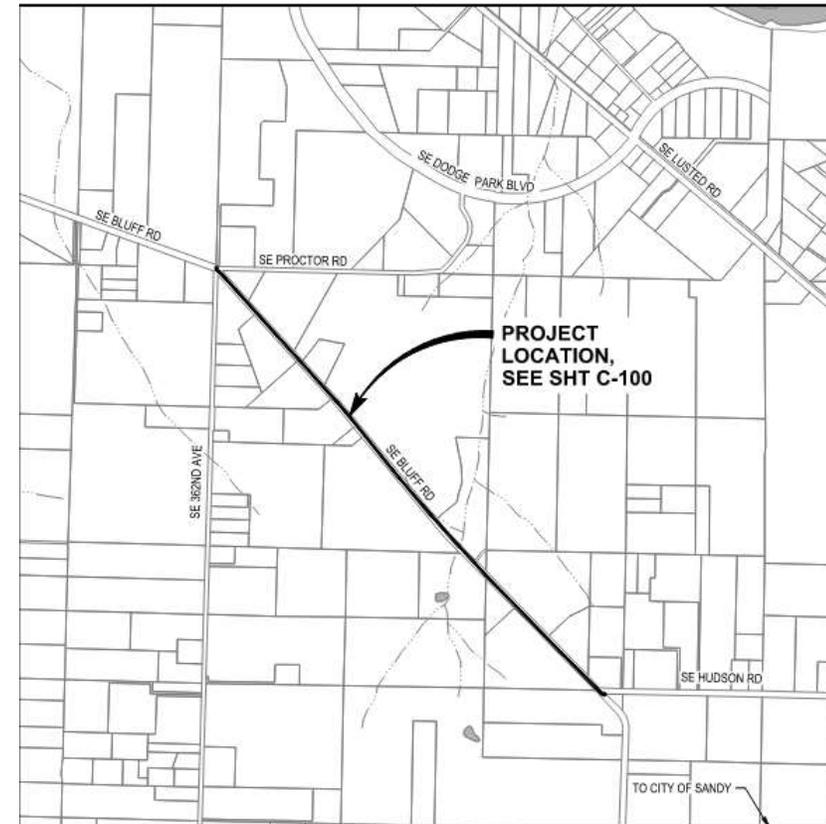




Bull Run Pumpstation

Why are we doing this?

- Bilateral Compliance Agreement sets 9/2027 deadline for filtration of surface water.
- PWB water needed for peak season
- Design will offer full redundancy for water supply
- Connection to Portland's groundwater supply



Bull Run Pumpstation

Where are we now?

- Transmission Main project is nearly complete
 - Bid \$2,687,000
 - Engineer's estimate \$3,809,758
 - Spent to Date \$687,379
 - Pipeline construction to conclude in late March Paving of Bluff Rd will follow.
- Dechloramination site construction contract awarded to R.L. Reimers
 - Bid \$1,359,463
 - Engineer's estimate \$1,419,270
- Pump station is currently in for Multnomah County Land use review
 - Design will be complete after land use comments are addressed
 - Due to high bids from PWBs contractors, Sandy will now be contracting for underground work at the pumpstation site.
 - Schedule TBD
- PWB has requested a 24 month extension for the Bilateral Compliance Agreement



SDWRP Summary

- 3 out of 4 major project components have been bid
- Early procurement has been executed where necessary
- Estimated program budget reduction from currently bid work:
 - \$6M
- All work on schedule to finish as planned*
- The major remaining unknowns are centered around the Bull Run Pumpstation

Future Investment

Project No.	Project Description	CIP Schedule and Project Cost Summary (2022 Dollars)				Preliminary SDC Eligibility
		1-5 Years (2023-2027)	6-10 Years (2028-2032)	11-20 Years (2033-2042)	TOTAL	
R.1	5.0 MG Additional Storage		\$17,290,000	\$17,290,000	\$34,580,000	49%
R.2	Storage Siting Study	\$180,000			\$180,000	49%
R.3	Reservoir Seismic and Condition Assessment		\$375,000		\$375,000	49%
	Storage Subtotal	\$180,000	\$17,665,000	\$17,290,000	\$35,135,000	
PS.1	Terra Fern Pump Station Upgrades	\$780,000			\$780,000	45%
PS.2	Vista Loop Pump Station	\$1,420,000			\$1,420,000	45%
	Pump Station Subtotal	\$2,200,000	\$-	\$-	\$2,200,000	
D.1	Bluff Rd Fire Flow Improvements		\$5,580,000		\$5,580,000	45%
D.2	Hood St Fire Flow Improvements		\$540,000		\$540,000	45%
D.3	Mitchell Ct Fire Flow Improvements		\$260,000		\$260,000	45%
D.4	Seaman Ave Fire Flow Improvements		\$550,000		\$550,000	45%
	Distribution Subtotal	\$-	\$6,930,000	\$-	\$6,930,000	
S.1	Near-Term Alder Creek WTP Improvements	\$1,050,000			\$1,050,000	0%
S.2	Short-Term Alder Creek WTP Assessment	\$240,000			\$240,000	45%
S.3	Alder Creek WTP Improvements	\$42,080,000			\$42,080,000	45%
S.4	PWB Filtered Water Supply Connection	\$39,416,000			\$39,416,000	45%
S.5	Long-Term Supply Study		\$240,000		\$240,000	45%
	Supply Subtotal	\$82,786,000	\$240,000	\$-	\$83,026,000	
M.1	Water System Master Plan Update		\$220,000		\$220,000	45%
M.2	Water Management and Conservation Plan	\$110,000			\$110,000	45%
M.3	Annual Replacement Budget	\$-	\$6,000,000	\$24,000,000	\$30,000,000	45%
M.4	Water Service Meter Replacement			\$7,920,000	\$7,920,000	0%
M.5	SCADA Master Plan	\$150,000			\$150,000	45%
M.6	SCADA Upgrades (Preliminary Budget Placeholder)		\$760,000		\$760,000	45%