



# SCAPPOOSE *Oregon*

Dear Joint Ways and Means Committee,

The City of Scappoose owns and has operated a wastewater treatment plant that serves the broader community, commercial users, and industrial clients for nearly half a century. Wastewater treatment is among the most important services that we provide to our community. The City strives to provide the highest level of service possible to our residents, businesses, and industrial clients – the foundation for a prosperous community.

A 2016 planning study investigated all aspects of the City's wastewater infrastructure, including the collection system, effluent disposal, and wastewater treatment. Specific items identified in the study highlighted the increased flows and loads, lack of capacity, potential for more stringent permit limits, age of equipment, equipment efficiency, and life-safety issues.

While developing the design strategy for the Phase I improvements to the plant in the spring of 2020, a failure was discovered in the *only* aeration basin at the facility. The liner of the basin was compromised, and mixed liquor was found to be intruding into the toe drain of the aeration basin. This meant that the previously prepared plan for Phase I upgrades would need to be altered, thus requiring the aeration basin upgrade be moved from Phase II to Phase I to mitigate the environmental threat.

City staff, engineering consultants, and state agencies partnered to develop and approve a plan that would convert an existing sludge pond into an aeration basin for temporary use while a permanent structure is built during the newly prioritized Phase I. Construction for interim basin will begin in the summer of 2020.

Completion of the Phase I improvements is critical for two primary reasons. First, the integrity and resilience of our wastewater plant is crucial to protecting the health of both our community's residents *and* our natural environment. Second, the Phase I improvements are necessary to create capacity for the anticipated industrial growth at the Scappoose Industrial Airpark. This new industrial area is expected to provide thousands of jobs over the next two decades and has been made possible through a cooperative initiative of government, development, and industry stakeholders.

The City previously secured a loan from the Clean Water State Revolving Fund (CWSRF) for \$6.4 million to complete the original plan. Revisions to the phasing – necessitated by the failure of the basin liner – has *substantially* increased the financial expectations for the City. Now, Phase I is estimated to cost \$9.21 million, whereas Phase II is now estimated to cost \$11.54 million.

The City of Scappoose respectfully requests the Joint Ways and Means Committee to consider recommending matching state funds to assist our community in delivering the vitally important Phase I wastewater infrastructure upgrades.

A list of the improvements under Phases I and II is included below:

### **Phase I Improvements, \$9.21 Million**

- Influent pump station
- Headworks and grit chamber
- Aeration basin



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- Ultraviolet disinfection channel
- Effluent Pump Station Rehabilitation
- Electrical and SCADA
- Civil Site Improvements

**Phase II Improvements, \$11.54**

- Replace influent Trunk sewer
- New influent pump station
- Secondary clarifier and RAS/WAS improvements
- Rehabilitate Aerobic digester
- Ultraviolet disinfection, replace existing equipment
- Effluent pump station, force main, and diffuser
- Class A biosolids, Solids dryer
- New lab, renovation of existing administration building
- Civil site improvements

Sincerely,

Megan Greisen

City Council President

City of Scappoose