

Discovery Clean Water Alliance

CAPITAL PROJECT PROFILE FORM

Project Name: SCTP Influent Screen Rebuild
Project Number: RA07-17-1
Form Prepared: March 2016

Project Type: Existing Asset – Repair
 Existing Asset – Replacement
 New Asset – Capacity
 New Asset – Regulatory
 New Asset – Level of Service

Project Definition:

Objective. The project will rebuild the two existing mechanically cleaned influent screens and compactors in order to reduce the high level maintenance required to keep this aging equipment operating until the screens are replaced as part of the Phase 6 Expansion program.

Scope of Work. The project will rebuild the mechanically-cleaned influent screens, which were installed in 1998 as part of the Phase 3 Expansion. The equipment requires regular replacement of components that wear down, such as teeth on the screen face and the upper guide rail, and maintenance of the gear reducer assembly on the compactor. These repairs are labor-intensive, and require taking the screen out of service for several days. The current replacement schedule for these screens is based on coupling the replacement with third bar screen programming as part of the Phase 6 capital expansion for efficiency and system compatibility.

Cost Allocation. The project costs are apportioned to Battle Ground and the District according to the Salmon Creek Treatment Plant and Outfall allocated capacity: 3.47 mgd (23.2%) for Battle Ground, and 11.48 mgd (76.8%) for the District. For additional information related to this project, see the *Salmon Creek Wastewater Treatment Plant Maintenance Assessment, CH2M HILL, March, 2016.*

Photos (if available):



Existing Influent Screens

Existing Screen Face

Existing Compactor Gear Assembly

Budget Information:

Project Cost Estimate

Total Project Cost: \$130,000
 Construction Cost: \$130,000
 Basis of Estimate -
 Year Completed: 2016
 Estimate Classification: Class 1

Project Cost Allocation

Battle Ground: 23.2% \$30,000
 Clark County:
 District: 76.8% \$100,000
 Ridgefield:
 Total: 100% \$130,000

Schedule Information:

Activity

Year

Planning 2016
 Permitting N/A
 Right-of-Way N/A
 Design 2017
 Bid 2017
 Construction 2017

