

Discovery Clean Water Alliance

CAPITAL PROJECT PROFILE

Project Name: 36th Avenue PS Pump Replacement
Project Number: RA03-17-1
Form Prepared/Updated: April 2014

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 replace the primary raw sewage pumps and motors in order to maintain reliable and effective transmission of flow to the Salmon Creek Treatment Plant.

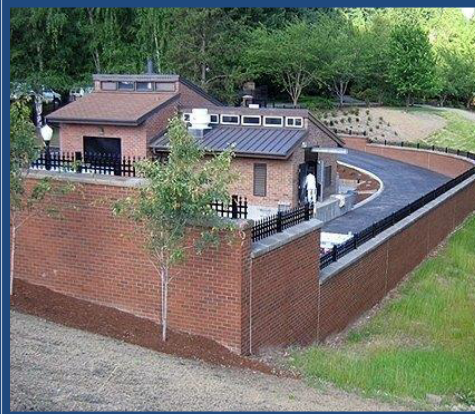
Scope of Work. The project will replace the existing three 200-HP primary raw sewage pumps and motors. The existing equipment was installed with the 1994 Expansion Program Project, approximately 20 years ago, and is now at the end of its useful life. The pumps have experienced some accelerated deterioration due to chronic vibration and related operating difficulties. A new pump selection will address the unique hydraulic characteristics of the pump station wet well, utilizing recent advances in pump mechanical design. Piping and access modifications improving safety will also be part of this work.

Cost Allocation. The project costs are apportioned to Battle Ground and the District according to pump station allocated capacity: 4.47 mgd (24.8%) for Battle Ground, and 13.57 mgd (75.2%) for the District. For additional information related to this project, see the *Salmon Creek Wastewater Management System Repair and Replacement Needs Assessment Update, CH2M HILL, February 2014.*

Photos (if available):



Existing Pumps – View From Above



36th Avenue Pump Station



Existing Pump & Motor

Budget Information:

<u>Project Cost Estimate</u>			
Total Project Cost:	\$900,000		
Construction Cost:	\$630,000		
Basis of Estimate -			
Year Completed:	2014		
Project Definition:	Placeholder	(Class 5)	

<u>Project Cost Allocation</u>			
Battle Ground:	24.8%	\$223,000	
Clark County:	0%	\$0	
District:	75.2%	\$677,000	
Ridgefield:	0%	\$0	
Total:	100%	\$900,000	

Schedule Information:

<u>Activity</u>	<u>Year</u>
Planning	2015
Permitting	2016
Real Property/ROW	N/A
Design	2016
Bid	2017
Construction	2017