

## D. Wastewater Treatment

The capital facilities plan for Alliance assets is documented in the Alliances 2014 Capital Facilities Plan. The capital facilities plan incorporates the capital facilities identified in the adopted planning documents including: Salmon Creek Wastewater Management System Wastewater Facilities Plan/General Sewer Plan Amendment (CH2M HILL, August 2013), Salmon Creek Wastewater Management System Wastewater Facilities Plan/General Sewer Plan (CH2M HILL, July 2004), City of Ridgefield General Sewer Plan (Gray & Osborne March 2013), City of Ridgefield General Sewer and Wastewater Facility Plan (Gray & Osborne December 2007) and City of Battle Ground General Sewer Plan (Wallis Engineering March 2011). This document described the improvements required for the continued expansion of the regional treatment and transmission systems, including the Salmon Creek and Ridgefield treatment plants. The Phase 3 Expansion of Salmon Creek was implemented over the period 1993-1999. In 2009 the County completed construction of the Phase 4 Expansion. Table 5 provides a summary of the 6-year Alliance capital facility plan projects.

**Table 5 DCWA Capital Facility Plan Summary**

PROJECT	ESTIMATED COST	REASON FOR NEED	FUNDING SOURCE
<i>SALMON CREEK TREATMENT PLANT PLC REPLACEMENT</i>	\$1,300,000	Existing equipment at the end of 20-yr useful life	Rates
<i>OUTFALL REPLACEMENT</i>	\$3,400,000	Addresses bank stability and long-term discharge configuration	Rates
<i>EFFLUENT PIPELINE EXPANSION (PHASE 5)</i>	\$13,000,000	Additional capacity required	Rates
<i>REGIONAL CONVEYANCE SYSTEM PUMP STATIONS</i>	\$900,000	Existing equipment at the end of 20-yr useful life	Rates
<i>FORCE MAINS INTERCEPTORS</i>	\$490,000 \$1,650,000	Existing valves and vaults require repair Existing interceptors require rehabilitation and new odor protection	Rates Rates
<b>TOTAL</b>	<b>\$20,740,000</b>		

Source: Discovery Clean Water Alliance Capital Plan, December 2014.

Planning work for the Columbia River Outfall and Effluent Pipeline projects; the SCTP PLC replacement project; the Biofilter Replacement project; and the 36<sup>th</sup> Avenue Pump Station pump replacement project is currently underway and construction of the Battle Ground Force Main repair project; the Upper Salmon Creek Interceptor Repair project; and the Middle Salmon Creek Interceptor Repair project is scheduled for 2016.



## Existing Needs and New Development:

The Discovery Clean Water Alliance system is adequate to meet existing demands. Further sewage treatment plant expansions are planned chiefly to address the needs of new development.

## BOCC Actions Needed:

The program shown in Table 5 assumes that major sewer facility expansions will be financed from revenue received from the county's wholesale wastewater treatment customers. The wholesale customers bear the full cost and responsibility for the expansion costs.

## Financial Impact Summary:

- General Purpose Resources Needed: none
- General Obligation Debt Needed: none
- Non-General Obligations Debt Needed: none

## D. *Impact on Households*

In some areas, this financial plan calls for new fees or taxes. The following summarizes the estimated financial impact of the changes described on individual households. These are estimates only, and, in certain cases, the decisions needed to precisely quantify the impacts have not yet been made.

- **Transportation:** No new taxes or fees anticipated within the 6-year time frame as outlined in this document.
- **Parks and Open Space:** A funding strategy will be needed to enable the Conservation Areas Acquisition Program. Originally contemplated using the Conservation REET, funding options also includes a property tax and garbage tipping fees, among others.
- **Stormwater Drainage and Water Quality:** A funding strategy will be necessary to pay for the capital costs of stormwater and water quality
- **Wastewater Treatment:** The costs of expanding the Alliance wastewater treatment systems will be charged back to individual ratepayers and new development by the Alliance's wholesale customers. The exact costs to ratepayers will not be known until the Alliance develops these rates.
- **County Buildings and Other Facilities:** Future funding will likely come from voter approved bond.