

CLACKAMAS COUNTY BOARD OF COUNTY COMMISSIONERS

Sitting as the Governing Body of Clackamas County Service District No. 1 and Tri-City Service District

Policy Session Worksheet

Presentation Date: 8/9/2016 **Approximate Start Time:** 1:30p **Approximate Length:** 60 min

Presentation Title: Tri-City Service District and Clackamas County Service District No. 1
Population Growth Study

Department: Water Environment Services

Presenter: Greg Geist and Lynne Chicoine

WHAT ACTION ARE YOU REQUESTING FROM THE BOARD?

No action is requested; this material is being presented as an informational item in accordance with prior BCC instruction regarding maintaining the critical path to construction of the solids handling project at the Tri-City Water Resource Recovery Facility.

EXECUTIVE SUMMARY:

Population projections are used to forecast future customers and service needs. Water Environment Services (WES) commissioned a population forecast study of the Tri-City Service District (TCSD) and Clackamas County Service District No. 1 (CCSD1) from Portland State University's Population Research Center (PSU) in 2011. This study was important in WES' planning efforts because the number of ratepayers within the service districts informs projected treatment capacity and capital planning requirements.

The 2011 PSU study started with populations from the 2010 U.S. Census, and delivered population projections to 2040 for CCSD1, TCSD, and the City of Milwaukie. This study reported a range of projections, from low to medium to high. The methodology used in the 2011 study was accomplished considering variables such as fertility, mortality, migration, and housing unit models.

The Tri-City's Solids Handling Improvements Project that WES is currently planning is intended to serve the ratepayers of both TCSD and CCSD1. As part of this planning process, a new population study was commissioned and carried out by ECONorthwest to update the results of the 2011 study. The 2016 study was performed comprehensively using Oregon Metro's *MetroScope* model, which forecasts the number of households and the number of jobs by sector using a metric known as a transportation analysis zone (TAZ). TAZs cover the entire Portland metropolitan region without gaps or overlaps, and are smaller than cities or sewer districts, so they may be aggregated to produce estimates for those larger geographies. WES staff worked with County planning staff and planning staff from partner cities to develop assumptions about how and where jurisdictions will expand by 2040. The 2016 study also incorporates assumptions of expanded service district boundaries, which are consistent with partner cities' individual plans, such as the West Linn *Transportation Master Plan (2016)*, the Oregon City *Sanitary Sewer Master Plan 2040*.

The long-term results of the 2016 and 2011 studies are similar, despite the different methodologies employed to calculate the results. The results are being used in the planning efforts for the Solids Handling Project, the WES Collection System Master Plan, and other WES efforts.

WES will use the 2016 population study results to guide co-investment conversations once the conceptual design is complete. Further discussions on the rate impacts to the districts will be discussed at meetings of the Regional Wastewater Treatment Capacity Advisory Committee (Regional Committee) and the results of those conversations will be brought back to the BCC in accordance with WES' efforts to maintain the critical path to construction.

FINANCIAL IMPLICATIONS:

Is this item in your current budget? YES NO

What is the cost? N/A What is the funding source? 2015 WES Capital Budget

STRATEGIC PLAN ALIGNMENT:

This item aligns with the WES strategic business plan in that it works to complete the comprehensive plan that will achieve sewer improvements and funding to support the expected regional 20-year growth horizon.

This item aligns with the County's Performance Clackamas strategic priority of building a strong infrastructure.

LEGAL/POLICY REQUIREMENTS:

N/A

PUBLIC/GOVERNMENTAL PARTICIPATION:

The Regional Committee will be briefed on this information on 25 August 2016. All district ratepayers and members of the public are invited to attend this meeting.

OPTIONS:

None; this is an informational item.

RECOMMENDATION:

None; this is an informational item.

ATTACHMENTS:

- 2016 population study summary presentation

SUBMITTED BY:

Division Director/Head Approval _____

Department Director/Head Approval GG

County Administrator Approval _____

For information on this issue or copies of attachments, please contact Matt Glazewski at 503-742-4566
