

MEMORANDUM

To: Brandi Asmus, Agriculture Tech & Sciences Faculty/CC Coordinator, Woodland Community College

From: Ebony J. Benzing, Research Manager, North/Far North Center of Excellence

Date: Friday, October 7, 2022

Re: LMI to support program modification – Drinking Water and Wastewater Technology

Background

Faculty from Woodland Community College contacted the North (Greater Sacramento) Center of Excellence to request labor market information to support the modification of existing programs – a certificate and associate degree in Drinking Water and Wastewater Technology.

In March 2022, the North (Greater Sacramento) Center of Excellence issued a new program endorsement report, "Drinking Water and Wastewater Treatment Technology in the Greater Sacramento Region." This report provides the base for the data included in this memo and should be included in any application package to the Regional Consortium or Chancellor's Office.

This memo summarizes the findings from the above-mentioned report. Data covers the seven-county North (Greater Sacramento) subregion and comes from Lightcast (formerly EMSI Burning Glass). Occupations are aligned to career education programs using the Center of Excellence TOP-to-CIP-to-SOC crosswalk and the ONet OnLine education crosswalk.

Summary of Findings

- The North (Greater Sacramento) subregion held 921 water and wastewater treatment jobs in 2020. These jobs are projected to increase by 5% over the next five years, adding 46 new jobs to the subregion by 2025.
- Over the next five years, water and wastewater treatment jobs are projected to have 97 annual openings in the North (Greater Sacramento) subregion.
- Wage data shows that water and wastewater treatment occupations earn \$10 to \$14 above the subregion's living wage of \$14.53 per hour.
- Awards data analysis shows that North (Greater Sacramento) training providers conferred an average of 8 awards (certificates and associate degrees) in drinking water and wastewater technology programs over the last three academic years.

Recommendations

- Based on a three-year average of annual awards in the North (Greater Sacramento) subregion drinking water and wastewater technology programs and projected yearly openings, the supply gap analysis shows that the region seems to have room for additional training.
- The North (Greater Sacramento) Center of Excellence recommends moving forward with program modifications.

Program Modification	
Move forward with program modifications	Program modifications are not recommended
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Please contact Ebony Benzing, COE Research Manager, for further information at Ebony.Benzing@losrios.edu or 916-563-3215.