

# Job and Stimulus Benefits of Matilija Dam Removal

August 2020

## Overall Project Impact

**\$165 million**

in present value dollars spent across multiple components over 20 years

**\$350 million**

in economic output in California, representing new business revenues from increased wages and spending due to the Project

**2,300 jobs**

in full-time equivalent job-years

The Matilija Dam Ecosystem Restoration Project ("Project") is a collaboration of the Ventura County Public Works Agency - Watershed Protection, local stakeholders, and funding partners to improve water and climate resilience in California's Ventura River watershed. Removing the obsolete Matilija Dam and improving associated watershed infrastructure will benefit residents and visitors who depend on the river for flood protection, water supplies, river crossings, and recreation. These investments will also restore and sustain the native wildlife and ecosystems of the Ventura River from headwaters to estuary.

Significant economic benefits are also associated with the Project. The estimated \$165 million to be spent across the suite of project components will create jobs and stimulate the local, regional, and statewide economy. The chart below outlines the Project's impact for the local Ventura County economy, the seven-county Southern California regional economy, and the statewide economy.

### Economic Impacts of Matilija Dam Ecosystem Restoration Project by Geography

	Employment (Full-time equivalent job year)	Jobs per \$1 million	Economic Output (millions)	Economic Output Multiplier
Ventura County	1,958.61	11.85	\$277.73	1.68
7-County Southern CA Region	2,192.18	13.27	\$328.54	1.99
State of California	2,303.77	13.94	\$346.84	2.10

Southern CA region includes Ventura, Santa Barbara, Los Angeles, Orange, San Diego, San Bernardino, and Riverside counties.

**Every \$10 million**

in Project spending results in:

**\$21 million**

in statewide economic output

**140 jobs**

in full-time equivalent job-years across California

**Job Impacts:** The employment benefits of the Project are based on the total number of full-time equivalent job-years produced from the initial project investments.

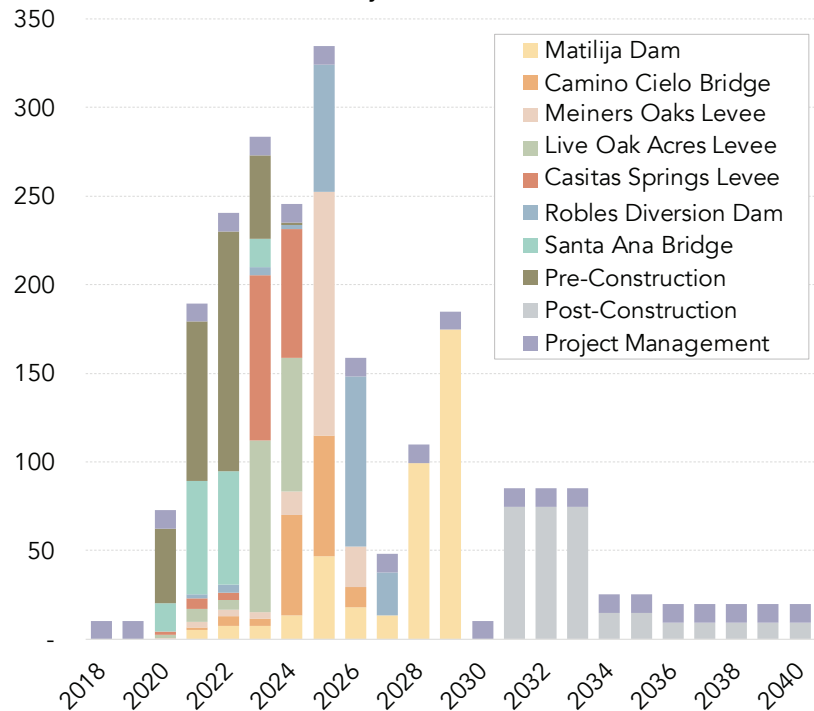
**Economic Impacts:** The Project's economic output reflects the total spending by firms, organizations, and households in Ventura County and across the region and state, as derived from the initial project expenditures. *All dollar amounts presented here are in 2020 present value equivalents.*

# Project Component Impacts

The Project consists of numerous components taking place over approximately two decades: an initial 10-year period (2020-2029) of intensive planning, design, and implementation; and a subsequent 10-year period (2030-2040) of post-removal monitoring, adaptive management, and habitat restoration. The chart on the right depicts the timeline of when the job impacts will take place based on the timelines of the various project components.

The chart below shows the employment and economic output impacts for each component. The differences in impacts reflect both the total spending for each component and the industries in which the spending takes place. Project components with spending activities that typically employ lower-wage workers have higher job creation numbers, while industries with higher-wage workers have a lower employment impact per dollar spent.

California Statewide Job-Years Produced Over Project Timeline



## California Statewide Economic Impacts of Matilija Dam Ecosystem Restoration Project

Project Component	Total Spending (millions in 2020 present value dollars)	Economic Output (millions)	Employment (Full-time equivalent job-years)
Matilija Dam Removal	\$26.10	\$55.59	387.12
Camino Cielo Bridge	\$10.41	\$22.19	146.12
Meiners Oaks Levee	\$13.44	\$29.04	185.36
Live Oak Acres Levee	\$14.47	\$30.85	186.84
Casitas Springs Levee	\$13.70	\$29.11	177.23
Robles Diversion Dam	\$13.89	\$29.54	205.32
Santa Ana Bridge	\$13.07	\$26.56	160.02
Pre-Construction Activities	\$25.28	\$53.03	315.54
Post-Construction Activities	\$17.01	\$35.06	300.69
Project Management	\$17.68	\$35.89	239.53
<b>TOTAL IMPACT</b>	<b>\$165.03</b>	<b>\$346.84</b>	<b>2,303.77</b>

For more information from the full report see *Job and Stimulus Benefits of Matilija Dam Removal*, August 14, 2020, at <http://www.bayareaeconomy.org/publications-list/>.