



### Capital Program Overview

<b>Client</b>	City of San Diego
<b>Project</b>	Pure Water Program
<b>Location</b>	California USA
<b>Type</b>	Government
<b>Duration</b>	36 years

### Client Overview

With expansive beaches, ideal weather, and famous tourist attractions, San Diego is home to nearly 1.4 million residents and has an average of 30 million visitors every year. Located directly on the United States-Mexico border and the coast of the Pacific Ocean, San Diego is the eighth-largest city in the United States and the second-largest city in California.

Pure Water San Diego is the city's phased, multi-year program that will provide one-third of San Diego's water supply locally by 2035. The Pure Water Program will use proven water purification technology to clean recycled water to produce safe, high-quality drinking water. Construction on the first phase of the improvements began in 2019.

### Challenge

The Public Utilities Department was seeking an easy-to-use SaaS system that could integrate with the city's existing data sources including SAP, Primavera P6, ESRI GIS, PlanetBids, and PRISM to enable city

departments and its stakeholders to integrate with existing functions including finance, procurement, and Capital Improvement Program information activities and perform various functions related to the project management process.

### Solution

PMWeb was purchased by the city in August 2016, was implemented for 160-200 users in 2017, and continues to roll out the solution to other departments. PMWeb was fully configured for both design and construction related business processes of the Pure Water Program's projects with the construction related configuration allowing for newly hired CM teams to have system configuration input. This included setup of a cost code structure that integrates with the City's SAP system and allows the project teams to manage their project costs at a more granular level than SAP system currently offers. The implementation team developed an integration for project-related data from SAP to allow capture of all project costs including personnel costs. The integration required extensive testing to deliver the reporting requirements for all stakeholders. Once completed, end-user training was undertaken. The city utilizes working days and wanted all their workflow routing to utilize those same working days. They approved a customization from PMWeb to set up a global calendar and programmed all workflow to utilize that calendar in calculating due dates. PMWeb was able to quickly complete the customization and meet this requirement.

### Results & Benefits

The success of the PMWeb implementation led to the City using PMWeb in other areas where it has ESRI ArcGIS operating. This led in turn to the successful integration of PMWeb with ArcGIS, using the ESRI API without the PMWeb API. Microsoft PowerShell was utilized to integrate PMWeb directly with the ESRI API.

### PMWeb Features Used

Document Manager	Project Management	Business Intelligence	Estimating	Budget	Security
Administrator license	Visual Workflow	Custom Form Builder	Reporting	Funding	Planning
Scheduling	Prioritization				

Other Notable Government Clients: Counties Placer, Carver and Kauai, the cities Oakland, Broken Arrow, Bend, Tempe, San Diego, and United Nations