

## ENGINEER PROFILE

**Name:** Jaclyn Yee

**Organization:** Dublin San Ramon Services District

**Engineering Discipline (Check one below):**

- Civil
- Mechanical
- Electrical
- Environmental (including Process)
- Structural
- Information Technology
- SCADA
- Other

1. Please describe the work you do:

I have worked in the Planning and Permitting division to coordinate work with developers according to our standards. I was project manager for our recycled water project that brought recycled water to three parks and four schools.

I now work with requests from the Wastewater Treatment Plant (WWTP) operators and maintenance on issues that need to be resolved around the WWTP. I also work with Field Operations on any requests they have regarding water or sewer distribution.

I work with contractors to see plans and construction through from the beginning to end. Right now there are a few projects around the WWTP that I am coordinating such as installation of ferris chloride injectors into the Digesters. I have rehabilitated our Digester roofs and Maintenance building roofs. I am wrapping up the replacement of an aeration line. I'm looking into putting together contract documents for our roadway rehabilitation.

Currently I am coordinating installation of antenna poles within our reservoir boundaries to assist Customer Service with their meter reads.

2. What combination of education, experience, and skill was required in order for you to obtain your job?

I went to California Polytechnic State University in San Luis Obispo and obtained a bachelor's degree in Civil Engineering. I also took the Engineer in Training exam and Professional Engineer Licensing exam to be licensed as a Civil Engineer in the State of California. You are only eligible to take the professional engineer licensing exam once you have worked under a professional engineer for at least two years and have an Engineer in Training license.

3. What do you like best about your job?

I like the variety of work. There's never a dull moment when there's so much to learn from so many people (operators, mechanics, electricians, public agencies, etc.).

4. Please tell us about the projects and activities you have enjoyed most in your work in the water/wastewater field, and what made them rewarding,

Putting together the plans and specs and seeing a project through to completion is very rewarding. It's nice to see an idea become a reality. The Central Dublin Recycled Water project was a larger project that now provides recycled water to schools and parks and saves on potable water for drinking water.

It's also nice to see projects come together knowing that it is helping protect existing facilities and assists our operators and mechanics in their jobs.

5. What qualities and capabilities are needed in order for an engineer to be successful in the water/wastewater industry?

Logic and cooperation is key to working with a variety of people and to weigh out all the available options to determine the best option for a solution.

6. Do you have any advice for an individual who is considering pursuing a career as an engineer in the water/wastewater industry?

Always be willing to learn. Ask questions from those you work with and draw from their experiences. The more history you have the simpler it is to find a proper solution that fits the majority of needs.