

**MISSION-CRITICAL PROFILE**

**Name:** Julia Chan

**Organization:** Contra Costa Water District



**Job Category (Check one below):**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Water Treatment | <input type="checkbox"/> Electronic Maintenance Technician/ Instrument Technician |
| <input type="checkbox"/> Water Distribution         | <input type="checkbox"/> Electrician/Electrical Line Worker                       |
| <input type="checkbox"/> Wastewater Treatment       | <input type="checkbox"/> Machinist/Mechanic                                       |
| <input type="checkbox"/> Wastewater Distribution    | <input type="checkbox"/> Other  |

1. Please describe the work you do: Water Treatment Plant Operator Grade IV

I collect water samples and run lab test every four hours to make sure our water quality meet state regulations. I monitor the plant and treatment process and make adjustment to flow and chemicals dosage, basin calibration & basin maintenance.

2. What combination of education, vocational training, apprenticeship, experience, and/or skill did you obtain in order to be qualified and selected for your job?

In order to be a water treatment plant operator in our District, you require a water treatment plant operator (Grade III) & at least three years of experience and earn continuing education credits to maintain your certification.

3. What do you like best about your job?

The thing I like most about the job is the teamwork as a tight family. I am glad to be a part of a team working towards a common goal; to provide clean healthy water to the community.

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.

I enjoy consulting with the specialists to make plant improvements such as updating the computer monitoring SCADA System

5. What qualities and capabilities are needed in order for a person in your area of expertise to be successful in the water/wastewater industry?

You need to be a reliable person and pay attention to details.

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

You can increase your chances of getting into the field by preparing yourself professionally. I recommend you earn your treating certification and take Ken Kerry courses on distribution, water treatment, waste water, etc.