

## MISSION-CRITICAL PROFILE

**Name:** Mike Maraviglia

**Organization:** San Francisco Public Utilities Commission, Waste Water Enterprise



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

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

At WWE the electrical staff is responsible for maintaining and repair of all electrical systems. Area of coverage consists of Southeast Plant, Oceanside Plant, Treasure Island, and North Point/north shore facilities. Also various pump stations throughout the city such as Bruce Flynn Booster Pump Station and Channel Street Pump station. Electricians at WWE work on complex controls and electrical systems from 120 volts to 12KV.

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?

I have worked in the electrical trades since I was about 15 years old. My father worked for PG&E for 40 years and had an electrical company also. I started doing jobs with him and that was my start. From there I worked for different electrical shops in the bay area gaining knowledge in the trade as I went, from there I started taking classes in basic electricity and started with a company that provided electrical apprenticeship program. I then worked for a High Volt Maintenance and testing company which gave me knowledge in an area that I had never experienced, this taught me that you never stop learning in this trade and any classes or training you can get you need to take advantage of. With this combination of time and experience under my belt I was then recruited to the City and County of San Francisco, took the tests to get the job and I was then hired in July of 2000. I am a member of Local 6 Union in San Francisco.

3. What do you like best about your job?

It's nice when you work at a place that everybody has the same common goal, keep equipment running for the Health and Safety of the residents of San Francisco County and also contributing to keep our environment a safe place to live.

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.

We are constantly working to improve our system. North Point North Shore is one project that sticks out. I think the most rewarding part is working together to complete these large scale projects for the Residents of San Francisco County.

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?

Always have an open mind and take all the training you can get to be a better employee for the city and county of San Francisco.

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

One of the main things to remember is that you never stop learning, stay in school and get the proper training in whatever it is that you want to do in life.