



# **WATERWORKS**

**E N G I N E E R S**

## **Water Works Engineers Makes Quick, Easy Transition to MicroStation CONNECT Edition**

### **Company Description**

Water Works Engineers is a fast-growing water and wastewater engineering firm operating in the Southwest United States. The firm provides engineering products and services to the municipal water and wastewater market plus engineering services in advanced recycled water treatment, wastewater pump and lift stations, ground water treatment, drinking water treatment, water pump stations and storage facilities, pipeline design, and hydroelectric engineering.

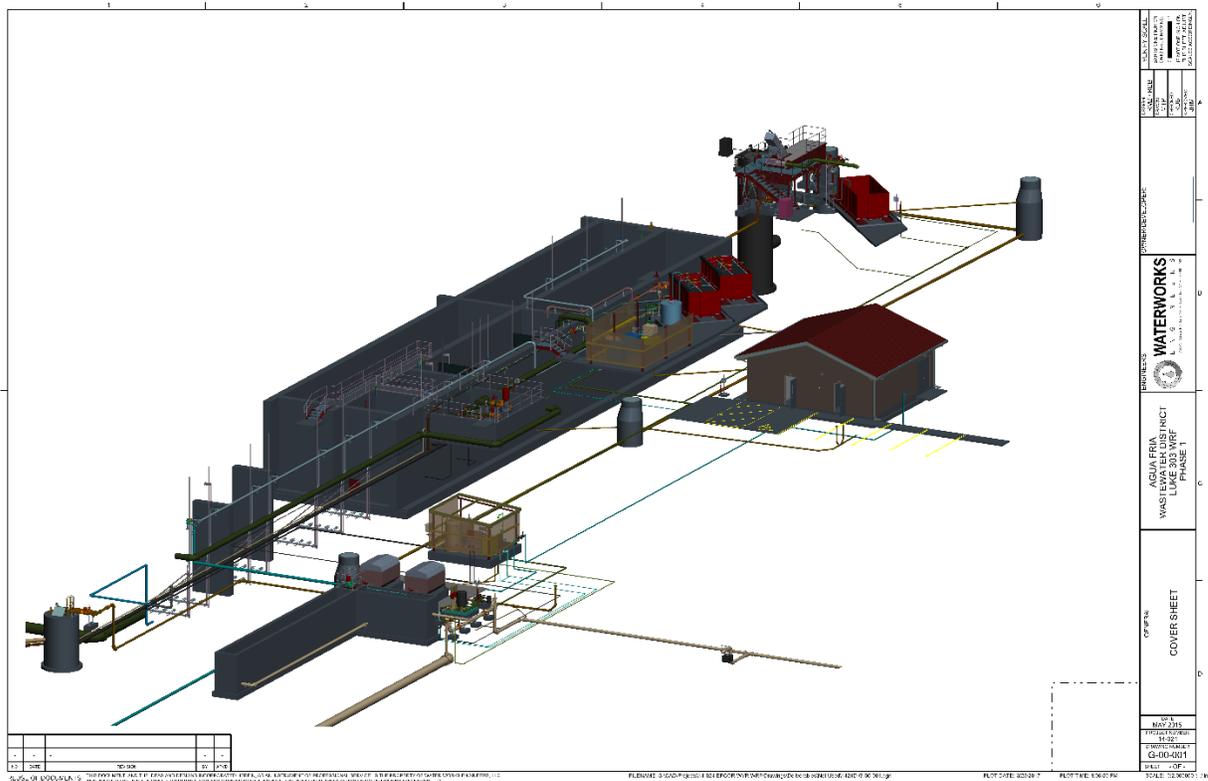
Water Works Engineers has offices in Scottsdale, Arizona; Oakland, Redding, Roseville, San Mateo, and Los Angeles, California; and Salt Lake City, Utah. They have a deep understanding and sensitivity to water and wastewater issues in the western part of the U.S. Water Works Engineers assist their clients with the planning, design, construction administration or operational assistance of treatment or conveyance facilities.



## Water Works Engineers—Longtime User of Bentley’s MicroStation

Water Works has been a long-time user of MicroStation. Since the company was founded in 2005, the team has used MicroStation for various projects. Over the years, they have kept up to date with the latest versions of MicroStation and continue to use the software to its fullest potential.

The company is truly innovative with their use of many complex aspects of MicroStation, especially 3D modeling. For example, the team creates 3D models for jobs, and sends the 3D models and Google Virtual Reality (VR) goggles to their clients to walk them through their new plant design—a process that has become even easier with MicroStation CONNECT Edition’s VR support. In addition, all the 2D construction documentation work they do is derived from their 3D models.



Beginning in the summer of 2016, Water Works Engineers scoped out what was needed to transition their current MicroStation V8i environment to MicroStation CONNECT Edition. Phase 1 of the project was a port of their current workspace environment to MicroStation CONNECT Edition configurations. The bulk of the configuration work was accomplished in just a few days.

The next phase was to make sure all of their offices were able use the new configurations. The new technology in MicroStation CONNECT Edition allowed Water Works Engineers to use enhanced functionality to make the transition productive for their engineers.

Both phases of the transition were successful and completed quickly. Once up and running, Water Works Engineers discovered that the new version was much easier to use and saw many productivity gains with the new tools and interface.

## **Making the Seamless Transition to the CONNECT Edition**

The migration from MicroStation V8i to MicroStation CONNECT Edition was quick and easy, even though the user had custom interfaces and configurations. Samir Haque, a Bentley product manager said, “The upgrade included several changes to their configurations and minor adjustments to their workflows, but everything worked to plan and made them more productive. Switching to MicroStation CONNECT Edition was painless.”

Bentley Systems provided some basic guidance and one site visit of two hours, plus some email conversations, to help answer the fundamental questions of how to upgrade Water Works Engineers’ configurations. The bulk of the work was done internally by Water Works Engineers colleague Mike Price and was done in his spare time. The upgrade did not interfere with their production work. Water Works Engineers showed that MicroStation CONNECT Edition can be implemented easily and can act as a template for future implementations of MicroStation for users in any industry.