



## Eric Sahn, P.E. - Project Engineer



*Eric Sahn has a background in earth science and engineering, specializing in environmental science and hydrology. Mr. Sahn joined the team of Engineers at AQUA Engineering in June of 2007 where he has contributed to the design and engineering of several water and wastewater treatment facilities. Experience with AQUA includes designing numerous water reclamation facilities that supply reuse water suitable for irrigation and infiltration purposes.*

### Education

B.S. Geology University of Utah, 2004

M.S. Geologic Engineering University of Utah, 2008

### Registration

Professional Engineer - Utah

### Experience

8 total years

### Specialties

- Permitting
- Wastewater Treatment
- Water Treatment
- Wastewater Reuse
- Mechanical Installations

## Wastewater Treatment

### 2011 Orem City WRF Expansion - Orem, UT - \$16 million.

Remodel and expansion of the activated sludge (oxidation ditch) facility, added nutrient removal, ultraviolet disinfection, reuse, thermophilic digestion brought capacity to 13.5 mgd.

### 2013 Rexburg City WWTP Expansion - Rexburg, ID - \$9 million.

Utilized a fixed film process followed by existing oxidation ditches to bring the plant capacity to 4.8 mgd, added ultraviolet disinfection and a new screw press facility.

### 2013 City of Driggs WWTP Expansion - Driggs, ID - \$9 million.

Utilized an Aquarius MSABP process to bring the plant to a capacity of 2 mgd.

### 2013 City of West Wendover Water Reuse Facility - West Wendover, NV - \$9 million.

Converted an activated sludge plant to an MBR facility increased capacity to 2 mgd.

### 2011 Mountain Regional Water Signal Hill WTP - Park City, UT - \$3 million.

Upgrade of an existing 4 mgd membrane facility adding inclined plate clarifier, sludge removal and dewatering, chemical addition, and post activated carbon vessels including a building addition at cost of about

### 2009 Inscription Canyon Ranch WWTP, Prescott, AZ - \$4 million (est.).

0.5mgd Kubota flat plate MBR with fine screening, process tanks and biological treatment systems, UV disinfection facility, lab and operations building and standby power.

### 2009 Imperial, CA Wastewater Treatment Plant - \$20 Million.

5 mgd Zenon hollow fiber membrane system, expandable to 15 mgd. Fine screening, process tanks and biological treatment systems, UV disinfection facility, RIBs and Standby power.

**2009 Heber Public Utility District - Wastewater Treatment Plant - Heber, CA- \$10 million.**  
1.2-MGD activated sludge treatment plant facility expansion.

**2008 City of West Wendover WRF - West Wendover, NV**

Facility planning and design of upgrade to a MBR system and improvements to the headworks facility, including new screening and washing equipment, HVAC and utility water system.

**2009 City of Elko Wastewater Treatment Plant - Elko, NV**

Concrete pipe and manhole rehabilitation.

**2008 City of Elko Wastewater Treatment Plant Headworks Expansion - Elko, NV.**

Installation of an additional flow channel and a new mechanical bar screen the old bar screen was installed in bypass channel for emergency use. Also included upgrades to the HVAC system to deal with hydrogen sulfide issues.