



Kenneth Baetz - CADD Manager



Mr. Baetz has over 24 years of experience in the design and drafting of wastewater treatment facilities, roadways, site grading, HVAC, and subdivision development. He has designed HVAC and pipe routing under flooring systems, programmed and maintained network and support of computer stations, designed schematics of power supply for the Cable TV industry and air delivery systems for commercial businesses. He has worked for Daw Technologies, Salt Lake City, Utah, from 1996 to 1998, as an Industrial Designer; Cambric, Inc., Draper, Utah, from 1994 to 1996, as a senior drafter; Dumbauld and Associates, Phoenix, Arizona, from 1987 to 1994, as a drafter and supervisor. For the past 11 years, he has been employed as a senior designer/drafter with Aqua Engineering.

Education

Phoenix Institute of Technology, Phoenix, AZ; 1987
Architectural Drafting and Computer Drafting
Glendale Community College, Glendale, AZ
Computer Drafting Design
Salt Lake Community College, Salt Lake City, UT
Computer Drafting Design

Specialties

Auto CAD
Microstation
Mechanical Design

Experience

Years with Firm: 11

PROJECT EXPERIENCE

Pump Stations

2012 - pres. Emigration ID Upper Freeze Creek Pump Station - Salt Lake County, UT
2011 Hyrum Wastewater Reuse Pumping Station - Hyrum, UT
2009 Fairway Booster Pumping Station - Elk Ridge, UT
2009 City of West Wendover Shafter Well # 6 Pumping Station - Elko County, NV
2008 Cloward Well Pumping Station - Elk Ridge, UT
2005 Johnson Spring Booster Pumping Station - Elko County, Nevada
2003 - 2004 Lost Creek Canyon Pipeline and Booster Station Project - Summit County, UT
2003 - 2004 Summit Park Interconnect Pumping Stations - Summit Park, UT

Pipelines and Distribution

2011 Potable waterline projects - Hyrum, UT
2003 Lost Creek 24" Transmission Pipeline, 5 miles - Summit County, UT

Water Storage

2011 City of West Wendover 1.5 MG steel potable water tank floor replacement and interior coating project - West Wendover, NV
2011 Hyrum City 2 MG concrete potable water tank - Hyrum, UT
2009 Hyrum City irrigation reservoir reconstruction and lining project - Hyrum, UT
2008 Elk Ridge City 1 MG prestressed concrete potable water tank - Elk Ridge, UT
2004 Signal Hill treatment plant footing, foundation, and tank design
2002 City of West Wendover 1.5 MG tank rehabilitation and geotrust cover - West Wendover, NV

Water and Wastewater Treatment

- 2012 - pres. Payson City, Utah – Treatment Facility
- 2011 - pres. Blue Mountain, Utah – Energy Recovery Project
- 2011 Chino Valley, Arizona – MBR Facility Design
- 2011 - pres. WRCRWA, California – Wastewater Facility Expansion
- 2011 Driggs, Idaho Sewer – Treatment Plant Design
- 2010 Heber Valley, Utah – WWTP Design
- 2010 Las Gallinas, California – WWTP Upgrade
- 2010 Las Vegas, Nevada – Water Reclamation Facility Corrosion Project
- 2009 West Wendover, Nevada – WWTF Upgrade
- 2009 - 2012 Orem City, Utah, Water Reclamation Facility, Complete remodel and expansion of the activated sludge (oxidation ditch) facility, adding nutrient removal, ultraviolet disinfection, reuse, thermophilic digestion, and bringing the capacity to 13.5 mgd at a cost of about \$18 million.
- 2009 - pres. West Wendover, Nevada, Water Reuse Facility, Converting the activated sludge plant to an MBR facility increasing the capacity to 2 mgd, about \$9 million.
- 2009 Provo, Utah – Provo City Dewatering & Disinfection
- 2009 Rexburg, Idaho – WWTP Expansion
- 2009 Signal Hill, Utah – Water Treatment Plant Upgrade
- 2009 Spanish Fork, Utah – Water Treatment Plan
- 2009 - pres. Signal Hill Water Treatment Facility, Mountain Regional Water, Park City, Utah, 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 \$3 million.
- 2009 - pres. Town of Taos, NM Wastewater – Treatment Plant Expansion and Upgrade utilizing an MBR process that is in design to bring the plant to a capacity of 2 mgd at a cost of about \$7 million.
- 2009 Elwood, Utah – Sewer Treatment Facility Design
- 2009 Orem, Utah – WWTP Upgrade
- 2008 - pres. Provo, Utah Wastewater Treatment Facility, The expansion of the sludge dewatering facility including a new building, centrifuge, and associate upgrades at a cost of about \$2 million.
- 2008 Imperial, California – 5 MGD WWTP Design
- 2008 - pres. Town of Mancos, CO Wastewater Treatment Plant Expansion and Upgrade utilizing the MSABP process from Aquarius to bring the facility to a capacity of 400,000 gpd at a cost of about \$3 million.
- 2008 - pres. City of Driggs, Idaho Wastewater Treatment Plant Expansion and Upgrade utilizing the MSABP process from Aquarius that is in design to