Dallin Stephens, E.I.T. - *Project Engineer*

Mr. Stephens has four years of civil engineering experience, in the water and wastewater treatment disciplines. His experience with AQUA includes feasibility studies for municipal wastewater treatment plant upgrades, facility design, pump station and pipeline design, submittal reviews and Operation and Maintenance Manual preparation. Mr. Stephens also has experience in water right law, including a study for the State of Utah to evaluate the current water right transfer process. Previously, Mr. Stephens has worked in the land development sector, with an emphasis in commercial development.

Education
B.S. Civil Engineering, Utah State University, 2011
M.S. Civil Engineering, Utah State University, 2011

Registration
Engineer in Training - Utah

Experience
5 total years

Specialties
- Wastewater treatment
- Water rights
- Pipeline and pump station design

Water and Wastewater Project Experience

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 Blue Mountain Energy Recovery Project - Beaver, UT - $18 million.
Collected swine manure to produce biogas from two 10 million gallon anaerobic digester basins. Conditioned biogas to burn with two 1.6 MW engine generators.

2013 Western Riverside County Regional Water Authority, CA - $5 million.
Aeration Upgrade adding diffusers and blowers to the existing process to improve efficiency and restore capacity of oxidation ditch.

2013 Western Riverside County Regional Water Authority, CA Expansion Plan.
Evaluated feasible options for expanding the facility capacity from 8 mgd to 12 mgd.

2013 Fort Shafter Flats, HI Pump Station Conversion.
Planning and preliminary design for the conversion of the existing pump station to a 2 mgd membrane facility to produce reuse quality water.

2013 Colorado River Resort Water Treatment Plant - $1.5 million (estimated).
Designed a water treatment plant for a new Marriott Hotel. Included a floating intake system, small inclined plate clarifier, microfiltration skid, 260,000-gallon water reservoir, and pumping systems.

2012 Orem City, UT, Water Reclamation Facility -$18 million.
Complete remodel and expansion of activated sludge (oxidation ditch) facility, adding nutrient removal, ultraviolet disinfection, reuse, thermophylic digestion, and the capacity to 13.5 mgd.

2012 Tooele City WWTP Expansion - Tooele, UT - $8.5 million.
Expanded plant from 2mgd to about 4mgd in two phases. Second Phase included sludge screw presses solar drying, shade building and UV disinfection.