



## Robert J. Rousselle, P.E. - Design Engineer II



*Mr. Rousselle has 8 years experience. His responsibilities as a Project Manager/ Engineer included Site design including geometry, grading, and utilities; 3D site modeling; plan preparation; hydrologic and hydraulic design and modeling; specifications and project manual preparation; existing site, utility, zoning, and permitting investigations; Federal, state, and local permitting; Client, sub-consultant, and agency coordination; engineering estimates; easement preparation; and floodplain modeling.*

### Education

B.S. Civil Engineering, University of Wyoming; 2005

### Licenses

P.E. - Nevada, California, Utah

Leed Certified

Construction Documents Technologist

### Experience

7 years

### Specialties

- Site Design
- Hydrologics
- Hydraulics
- 3D modeling
- Storm Water
- Permitting
- Project Manual Preparation
- Project Management

## PROJECT EXPERIENCE

### Pipelines

- 2012 Salt Lake County Service Area #3 Alta Bypass Road Waterline Extension Project, Snowbird, UT. Prepared plans, provided civil design, and construction documents for 900 linear foot 10-inch HDPE water line and PRV station located in UDOT ROW.
- 2012 Mountain Green Sewer Improvement District Pressure Sewer Line Upgrade Project, Mountain Green, UT. Prepared plans, provided civil design, construction documents, and construction management for 4-inch HDPE sanitary sewer force located in UDOT ROW.
- 2011 I-80 Oasis to Pilot Peak Interchange/Safetly Crossing, West Wendover, NV. Provided civil design, prepared plans and technical specifications to reroute the Johnson Springs Transmission line around a proposed safety crossing over I-80, 15 miles west of West Wendover, Nevada.
- 2011 Hyrum Water Improvement Projects, Hyrum. UT. Prepared plans, civil design, and construction documents for water improvement projects.

### Water Storage

- 2012 City of West Wendover Land Tank Interior Coating Project, West Wendover, NV. Prepared Project Manual, Performed Site Inspection, and Provided Construction Management for Interior Coating of the City's Steel Land Tank.

### Pump Stations

- 2011-2012 Blue Mountain Energy Recovery – Biogas Generation Facility, Milford, UT. Prepared plans and civil design for sewage collection system that collects waste from 10 farms,

approximately 200,000 hogs, and pumps to a biogas generation facility to generate electricity and sends waste back to lagoons. Project includes four (4) large pump stations, diversion and overflow boxes, and 9 miles of gravity and pressure sewer lines.

**Water Rights**

2012 Pilot Valley Application for Permit to Appropriate the Public Waters of the State of Nevada, West Wendover, NV. Prepared Applications for submittal to the state, prepared preliminary design, and costs estimates

**Wells & Groundwater Development**

2011 Marion Waterworks Company Gravel Pit Well, Marion, UT. Prepared Plans, PER a Construction Documents for Marion Waterworks Company gravel pit well and the connection of the well to the existing distribution system.

2010-2012 City of West Wendover 2011 SRF Potable Water Projects, West Wendover, NV. Prepared Preliminary Engineering Report and helped prepare Environmental Report for submittal to USDA and State. Prepared State of Nevada SRF program and USDA Grant Applications for project that will be designed and built in 2012 and 2013.

**Water and Wastewater Master Planning**

2013 Grantsville City, UT - Capital Facilities Plan and Impact Fee Analysis, AQUA updated Grantsville City's Culinary Water, Wastewater, Parks, and Public Safety Capital Facilities Plans and provided analysis of its Impact Fees.

2013 City of Driggs Water System Facility Plan

2013 Stansbury Park Improvement District Water and Sewer Master Plan

2012 Grantsville City Storm Water and Roadway/ Transportation Impact Fee Feasibility Studies and Impact Fee Analysis

2011 Hyrum City Wastewater Impact Fee Study

2011 Green Hill Water And Sewer SSD Water Master Plan and Gross Alpha Removal Study

2010 Hyrum City Irrigation Water Impact Fee Study

**Street Projects**

2011-2012 Grantsville City Street Rebuild and Repair Projects, Grantsville, UT. Prepared plans, provided civil design, construction documents, and construction management for various street improvement projects located in the city.

2010 – 2012 Wendover Boulevard Enhancement Phase I West Wendover, NV. - engineering calculations and construction documents for the project - FHWA & CDBG Grant.