



Cody Lister - Designer



Mr. Lister has an extensive background in construction, including framing, structural concrete, and surveying. His civil design experience is broad based with many projects in water/wastewater and municipal solids handling systems. Water system design projects include wells, booster pump stations, and distribution systems. His experience in wastewater treatment includes all aspects of design for Membrane Bioreactor (MBR), bio-solids, dewatering systems, clarifiers, aeration systems, dissolved air flotation systems, lift stations, and process piping. He has also participated in numerous designs for landfill covers and composting operations.

Education

Dixie College, St. George, Utah – Architectural Drafting and Surveying

ITT Technical Institute, Murray, Utah – AAS, Computer Aided Drafting Technology

Experience

13 total years

Specialties

Water/Wastewater Design

AutoCAD

Architectural Design

Wastewater Treatment Experience

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 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 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.

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.

2012 Town of Taos WWTP Expansion - Taos, NM - \$7 million.

Added an MBR process to bring the plant to a capacity of 2 mgd.

2012 Las Gallinas Valley Sanitary District, CA Recycled Water Facility

Added membrane and UV disinfection treatment to produce title 22 water at the existing WWTP.

2013 Heber Valley Wastewater Treatment Facility - Heber, UT - \$8 million.

Expand treatment facility from 2 mgd to 4 mgd by installing a new STM Aerotor treatment system utilizing RIB for wastewater disposal.

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.

2013 City of Las Vegas Wastewater Treatment Facility - Las Vegas, NV - \$22 million.

Corrosion control project which includes a new sodium hypochlorite expansion, multiple upgrades through the plant.

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, thermophylic digestion brought capacity to 13.5 mgd.

2009 Jerome City Wastewater Treatment Plant Upgrade - Jerome, ID - \$10 million.

Expansion and Upgrade utilizing an MBR process. Included several phases to bring the plant to a capacity of 4.5 mgd.

2009 Gallup Wastewater Treatment Plant - Gallup, NM - \$12 million.

Upgrade from a 2.5 mgd to 4.5 mgd using conventional activated sludge.

2008 Wolfcreek Water Reclamation Facility - Eden, UT - \$1.7 million.

Design and construction of 0.4 mgd MBR facility.

2004 Hyrum City Wastewater Treatment Plant - Hyrum City, UT - \$5 million.

Upgrade utilizing a Kubota membrane process for a 2 mgd plant.

2009 Heber, CA Wastewater Treatment Plant - \$10 million.

1.2-MGD activated sludge treatment plant facility expansion.

2009 Richmond City Water Reclamation Facility - Richmond City, UT - \$6 million.

Design and construction of a 0.5 mgd MBR facility.

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.

2007 E.A. Miller Meat Packing Wastewater Plant - Hyrum, UT.

Upgraded clarifiers, pumping systems, and planning for phosphorus removal.

2007 Paa-ko, NM Wastewater Treatment Plant - \$2.3 million.

Facility Design and Construction of a .26 MGD Kubota Flat Plate MBR Facility, included design of a influent screening system, back-up power system, and the associated telemetry control system.

2007 The Cliffs, ID Wastewater Treatment Plant - \$3.5 million.

Facility 300,000 GPD Kubota MBR System expandable to 600,000 GPD including fine screening, process tanks and biological treatment systems, UV disinfection facility, RIBs and Standby power.

2008 San Felipe Pueblo, NM Wastewater Treatment Plant - \$4 million.

300,000 GPD Kubota Flat Plate MBR expandable to 900,000 GPD, includes offices, a small lab, biosolids dewatering, and a pump station to deliver treated water.

2006 Moroni City Wastewater Treatment Plant - Moroni, UT - \$4.2 million.

Expansion and Upgrade utilizing a Kubota membrane process for a 1 mgd plant that is primarily turkey processing waste.

2005 Tucumcari Wastewater Treatment Plant - Tucumcari, NM - \$800,000.

Headworks upgrade project on a 1 mgd facility.

2004 Spanish Fork Wastewater Treatment Plant - Spanish Fork, UT - \$2.8 million.

Upgrade from 3.5 to 5 mgd using STM Aerotor