

## Waste Management Water Delivery System

In 2012, WWE designed the delivery system for Waste Management of Colorado, Inc.'s (WMC's) Laramie-Fox Hills aquifer water supply well at their Colorado Springs Landfill facility. The new well (LFH-1), completed in the not-nontributary Laramie-Fox Hills aquifer, was constructed as a commercial/industrial water supply for WMC's landfill located approximately six miles east/northeast of the Colorado Springs Airport in El Paso County, Colorado.

WWE prepared wellhead site detail and design specifications for the well pump, motor, cables, drop pipe electrical connections, totalizing flow meter controls and piping to meet near term requirements (no storage) and conceptual planning for the long term (with storage). WWE also developed an overall site plan for the facility's wellhead, storage and truck filling components. This work involved design and equipment specifications for the downhole pumping equipment and appurtenances, well electrical components, a wellhead site plan drawing and a conceptual layout schematic.



Photo by Gary Witt

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