

# Barelas Storm Drainage

## Client

Albuquerque

## Completion

2007

## Size

182,000 GPM

## Cost

\$825,922

Hundred-year storms overwhelmed the Barelas Pump Station in 2006, contributing to flooding that displaced hundreds of residents. After analysis of the station's equipment and communication with operators, Molzen Corbin determined that the existing bar screen needed to be replaced. Additionally, a hydraulic analysis of the station indicated that the influent channel needed to be widened to maximize the volume of flow to the pumps. Molzen Corbin selected a bar screen that removes debris from the water every 15 seconds (with faster operating speeds available for larger storms). Pioneering this technology with a storm water application allows for the faster cleaning of water, increasing efficiency without increasing operating costs.

## Scope of Work

Drainage Engineering

