



# Construction Management And Inspection



## San Juan Water District Transmission Pipeline System Metering Project

### Project Data

**Owner:**  
San Juan Water District

**Project Type:**  
Water Pipeline

**Project Duration:**  
September 2008 – May 2009

**Construction Value:**  
\$4 million

**Inspection:**  
**ICM Group, Inc.**

**Designer:**  
Domenichelli and Associates

**Contractor:**  
C & D Construction

### PROJECT OVERVIEW

The Transmission Pipeline System Metering Project consisted of the installation of 33 electromagnetic flow meters ranging in size from 12 inches to 72 inches cut into active main lines that were mortar coated mortar lined steel pipe, reinforced concrete pipe, and ductile iron pipe. The project required extensive dewatering. Open cut and shored excavations were both used. The project also included over 1 mile of 16 inch ductile iron pipe installation.

### SERVICES PROVIDED

ICM provided inspection of flow meter installation and pipeline installation. Inspection included torque testing of pipe flange bolts, welding inspection, leak testing, and compliance with contract specifications and manufacturers installation requirements.