



## PROJECT PROFILE



Chambers prior to sandblasting



Lining touch-up following spark testing



Coated grit chambers

**Project:** Glendale West WWTP Expansion

**Location:** Glendale, Arizona

**Owner:** City of Glendale

**Engineer:** Malcolm Pirnie - Phoenix, AZ

**General Contractor:**

Sundt Constructors, Inc. - Tempe, AZ

**Applicator:** Optco - Gilbert, AZ

**Sauereisen Representative:**

Roger Bird, RNS Distributing, LLC

**Products:** No. 210T SewerGard

**Method of Application:**

Trowel application. No. 210T was first applied as a skim-coat to fill in bugholes, followed by the full thickness of 125 mils.

**Environment / Exposure:**

Hydrogen Sulfide/Sulfuric Acid / Abrasive grit and industrial sewerage.

**Project Details:**

- New Construction Project to build a state of the art wastewater reclamation plant.
- Also includes construction of an aquifer recharge facility to use treated wastewater to replenish the dwindling aquifer.
- **85,000 square feet of area coated including:**
  - Influent junction chamber & screenings area channels
  - Grit removal unit, and influent and effluent channels
  - Primary effluent flow splitter structure
  - Aeration basins
  - Secondary sedimentation basins & mixed liquor channel
  - Expansion of backwash equalization basin
  - Foul air condensate sump, all interior concrete surfaces