



SCHIFF ASSOCIATES

Corrosion Engineering Services, Los Angeles & Kern Counties, California

Client: Antelope Valley East Kern Water Agency (AVEK)

Key Project Personnel: Graham E.C. Bell, PhD, PE – Project Principal & Manager
Paul Smith, PE – Project Engineer
Robert Pannell – Technician

Services Provided:

- Annual Surveys of District Facilities

Situation:

In order to meet water needs, bonds were issued and AVEK's Dawn project was initiated. The project consists of turnouts from the California Aqueduct, three treatment plants, reservoirs on and partly below grade, with over 300 miles of cement-mortar coated steel and concrete cylinder pipelines ranging from 24 to 54-inches in diameter.

Schiff Associates Response:

Schiff Associates provided soil corrosivity evaluations, corrosion control designs, and construction acceptance testing for virtually all structures associated with the project. At AVEK's, pipelines and treatment plants have been regularly resurveyed and upgraded where interfering foreign pipelines and cathodic protection systems have been constructed later