

CORROSION CONTROL DESIGN

ELECTRICAL CONTINUITY SURVEYS

ELECTROPOTENTIAL SURVEYS

CORROSION ENGINEERING *services*

ELECTRICAL INTERFERENCE STUDIES

METALLURGICAL EVALUATION

INDUCED VOLTAGE ANALYSIS

INSPECTION OF RESERVOIRS

INSPECTION OF COATING SYSTEMS



RBF's Corrosion and Metallurgical Engineering Department is comprised of a highly qualified team of registered professionals with hands-on and common sense experience in all aspects of corrosion and metallurgical engineering. Services offered to our clients encompass each of the complex elements of this specialized field of water resources engineering, including cathodic protection, materials selection and testing for pipelines, reservoirs and pumping stations.

With over 160 years of combined experience, our experts routinely conduct forensic analyses of failed metallic structures used in potable water, reclaimed water and sewerage systems for a number of water districts and municipalities. Additional services provided include analyses of coating failures for pumps, valves, tanks and piping.

The ability to retrieve and analyze various materials and substances for their corrosivity allows our experts to provide recommendations for the selection of materials to be used, as well as recommendations for mitigating potential corrosion activity.

Backed by an experienced team of professional corrosion and metallurgical engineers, NACE International (NACE) certified support personnel and qualified materials testing laboratories, RBF's Corrosion experts provide clients with high quality, fully insured corrosion and metallurgical engineering services with a proven record of performance in the water resources industry.

PARTIAL CLIENT LIST

CORROSION ENGINEER FOR:

Santa Margarita Water District
El Toro Water District
Laguna Beach County Water District
Joint Regional Water Supply System
Santiago Aqueduct Commission
Rancho California Water District

PLANNING & DESIGN OF CORROSION CONTROL FACILITIES FOR:

Metropolitan Water District of Southern California
Pacific Gas & Electric
California Department of Water Resources
Calleguas Municipal Water District
Goleta Water District
South Coast Water District
Capistrano Valley Water District
Cities of San Clemente, Anaheim, Newport Beach & San Diego



Structure Inspection



New Construction



Coatings



Anode Well Design

PLANNING ■ DESIGN ■ CONSTRUCTION



OFFICE LOCATIONS
THROUGHOUT
CALIFORNIA,
ARIZONA & NEVADA

800.479.3808

WWW.RBF.COM



Above: Tank Inspection
Right: Advanced Rectifier Design



Tank Rehabilitation