

## THOMAS HERINK

### SUMMARY

Over fourteen (14) years of experience in corrosion projects including design and testing. Designed galvanic and impressed current cathodic protection systems. Performed drawing checks, supervised draftsman, and performed AutoCAD drafting. Performed submittal reviews. Assisted with writing corrosion evaluation reports and soil corrosivity reports. Performed corrosion evaluation assessments. As part of a team, conducted corrosion inspections of exteriors and interiors of storage tanks. Conducted continuity testing of underground piping and soil resistivity testing.

### RELEVANT PROJECT EXPERIENCE

#### ***City of Modesto, CA***

Design of galvanic cathodic protection systems for the ductile iron water pipelines of Yosemite Transmission Main project. Performed AutoCAD of design drawings.

#### ***City of Stockton, CA***

Design of galvanic cathodic protection system for ductile iron Newcastle Water Transmission Main project. Performed AutoCAD of design drawings.

#### ***Diablo Water District, Oakley, CA***

Performed cathodic protection check out in East Quadrant annual survey of water system.

#### ***City of Napa, CA***

Assisted with water main assessment in field, and with analysis and report for the Water Main Assessment project.

#### ***Nevada Irrigation District***

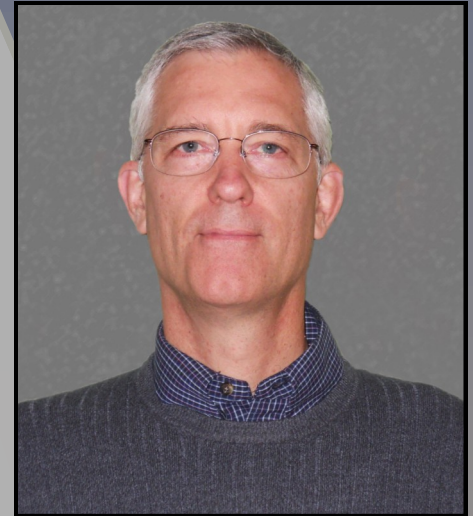
Design of impressed current, galvanic cathodic protection, and corrosion monitoring systems for the Banner Cascade Pipeline Project. Performed AutoCAD of design drawings.

#### ***Santa Clara Valley Water District, CA***

Assisted with the design of an impressed current system upgrade for the Calerop Pipeline Project. Performed AutoCAD of design drawings.

#### ***City of Modesto, CA***

Design of galvanic cathodic protection systems for the ductile iron water pipelines and water tank, and assisted with AC stray current mitigation design for ductile iron water pipelines in the Tier 2, West Tank 12, Pump Station and Pipelines project. Performed AutoCAD of design drawings.



### EDUCATION

*Bachelor of Science* –  
Materials Engineering,  
Virginia Polytechnic Institute & State University

*Teaching Diploma* -  
Aukland College of Education,  
New Zealand

### REGISTRATIONS

- ▶ Level 1 NACE Cathodic Protection Tester, #7100, 2001
- ▶ Level 2 NACE Cathodic Protection Technician, 2002
- ▶ Level 3 NACE Cathodic Protection Technician, 2009
- ▶ NACE Cathodic Protection Technologist, 2009

### EXPERIENCE

*Design Engineer*  
**JDH Corrosion Consultants, Inc.**  
Concord, CA  
2005 – Present

*Design Engineer*  
**CONCECO / MATCOR Engineering, Inc.**  
Concord, CA  
1998 - 2005

### TECHNICAL SOCIETIES

National Association of Corrosion Engineers  
(NACE)