

## BRANDON N. OLSEN

### SUMMARY

Accomplished in conducting cathodic protection surveys including impressed current, galvanic and AC mitigation systems.

### RELEVANT PROJECT EXPERIENCE & TRAINING

#### *In-house Training Course – Theory and Practice of Cathodic Protection*

Attended a comprehensive JDH training course on corrosion and cathodic protection.

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

Assisted in the annual survey of the district wide cathodic protection system. The cathodic protection system consist of galvanic anodes installed through test stations. Testing and interpretation was conducted in accordance with NACE SP 0169 (2007). The AC mitigation system consists of zinc ribbon anodes installed parallel to the pipe. Testing and interpretation was conducted in accordance with NACE SP 0177 (2007).

#### *Trilogy at Vineyards, Oakley, CA*

Assisted in performing a system checkout of the cathodic protection systems installed at the project site. Testing and interpretation was conducted in accordance with NACE SP 0169 (2007).

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

Worked in conjunction with Santa Clara Valley Water District Project Manager and Corrosion Tech performing Cathodic Protection surveys. These consisted of District owned pipelines, and bi-monthly reporting of rectifiers used to protect the pipelines. Used GPS to collect location data for all test points along pipelines.

#### *City of Milpitas, Milpitas, CA*

Performed city-wide Cathodic protection survey of water pipelines, recycled water pipelines, sewer force main, pump stations, and tank reservoirs. Checked and assessed the status of and adjusted rectifiers in use. Developed an Excel spreadsheet database for past, current, and future Cathodic protection surveys.



### EDUCATION

#### *Bachelor of Science –*

Civil Engineering,  
University of California, Sacramento

### EXPERIENCE

#### *Project Engineer*

**JDH Corrosion Consultants, Inc.**  
Concord, CA  
2012 - Present

#### *Student Assistant*

**Department of Water Resources**  
Sacramento, CA  
2009 - 2010

#### *Store Manager*

**Samsonite Company Store**  
Napa, CA  
2004 - 2006

### TECHNICAL SOCIETIES

National Association of Corrosion Engineers  
(NACE) - Houston, TX

American Society of Civil Engineers  
(ASCE)

Institute of Transportation Engineers  
(ITE)