



SCHIFF ASSOCIATES

EDUCATION:

B.S. Computer Science and
Engineering

University of La Verne

REGISTRATIONS AND

CERTIFICATIONS:

NACE International

Corrosion Technologist - #5391

PROFESSIONAL ACTIVITIES:

NACE International

Recipient of 1996

Ted Harrington Scholarship

JAMES T. KEEGAN

Laboratory Manager/IT Manager/Corrosion Technologist

Email: jkeegan@schiffassociates.com

Mr. Keegan is the Laboratory and Information Technology Manager and a Corrosion Technician for Schiff Associates. Mr. Keegan manages the day-to-day operations of Schiff Associates geochemical laboratory. In this capacity, he has overseen or performed chemical testing of more than 27,000 soil and water samples. Mr. Keegan's experience includes research of soluble salt extraction and sulfide determination, construction acceptance testing, cathodic protection design testing, soil chemical and corrosivity analysis, network administration, and custom computer programming. Mr. Keegan performs corrosion monitoring studies using linear polarization resistance and electrochemical noise techniques.

RELATED PROJECT EXPERIENCE:

As a manager and corrosion technician, Mr. Keegan has performed the following tasks.

- Manages production, as well as QA/QC aspects, of Schiff Associates's geochemical laboratory.
- Specifies or performs soil tests, analyzes data, and makes recommendations for corrosion control measures to protect underground structures.
- Performs field surveys, analyses, and prepares reports for corrosion studies of pumping plants, filtration plants, reservoirs, cathodically protected, and unprotected pipelines.
- Co-authored professional papers on qualitative/quantitative sulfide testing in soils and electrochemical noise corrosion monitoring techniques.
- Performs corrosion monitoring studies using linear polarization resistance and electrochemical noise techniques.
- Administrates the local area computer network of Schiff Associates.
- Has designed and constructed custom client-server and internet based database applications for the management of corrosion and laboratory data.

