

# Zerust® Underside Injection for Aboveground Storage Tank

**Zerust®** OIL & GAS  
WORLDWIDE CORROSION SOLUTIONS



## Conclusions/Recommendations:

- The injection of the inhibitor was completed in a successful and timely manner. It is important to note that, in conjunction with the Zerust VCI injection, the client was also having a lining installed on the targeted tank.
- A high concentration of the inhibitor slurry was maintained throughout the application to address the extended volume of retained fluid found beneath the tank. This high concentration of corrosion inhibitor will provide adequate corrosion protection as it diffuses throughout the targeted vessel's underlying foundation.
- At this time, it is recommended that readings be recorded from the installed ER probe on a monthly basis and sent to Zerust Oil & Gas for analysis and determination of the need for further corrosion inhibitor application.

## CLIENT APPLICATION

### Underside Injection | March 2018

#### Project Summary:

- Zerust Oil & Gas, in collaboration with a contractor, was awarded a project encompassing the injection of a corrosion inhibiting solution beneath one (1) tank located in a somewhat humid climate.
- The targeted tank was constructed atop a compacted sand foundation with a surrounding concrete ring wall and a chime seal system (done prior to Zerust arrival).
- Zerust Oil & Gas was to provide consultation services during the injection of a corrosion inhibitor slurry.
- The scope of work for this project included the installation of "Electrical Resistance" (ER) probes for corrosion monitoring.

#### Goals and Objectives:

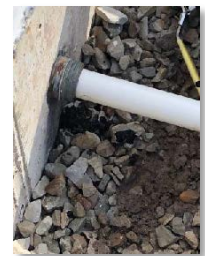
- Assembly and installation of a port for corrosion inhibitor slurry injection
- Injection of corrosion inhibitor slurry
- Assembly and installation of a port for the installation of an ER probe monitoring unit
- Installation of an ER probe monitoring unit

#### Product(s) Used:

- Zerion® FVS-B15, Bulk Powder



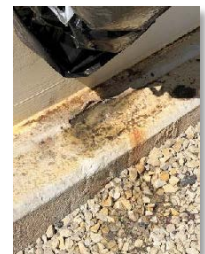
1. JRGO LLC PUMPING SYSTEM



2. SE PORT USED FOR ER PROBE INSTALL



3. SW PORT USED FOR SLURRY INJECTION



4. GAP IN TANK CHIME



5. PATCH TO CHIME SEAL



6. PATCH TO CHIME SEAL W/FLEX SEAL SPRAY