

## CleanWirx by MicroClean Metals LLC

*MicroClean Metals* has experienced supervision and personnel with a proven track of performance on tank lining applications. The importance of safety, quality, cost, and schedule are paramount when dealing with projects of this nature. MicroClean Metals simplifies the complexities of these projects through utilization of experienced staff of safety professionals, NACE Level III QA/QC personnel, and planning/scheduling staff.

References:

Ed Pearson  
Devon Energy Corporation

Harold Gibson  
Sinclair Wyoming Refinery

Rex Dunlap  
Merit Energy Company



Winner Vaaler Award  
for Best New Technology  
Corrosion Control/Chemical Processing



Multiple Successful Field Installations,  
Pre-1992 prototype

**Brine Pit**

**Circulating Water Lines**

**Oil Storage Tanks**

**Rail Cars**



## Brine Pit Case Study

**CHALLENGE:** Retard aggressive corrosion to 12" pipe and drums adjacent to four brine pits. Corrosion damage was extremely severe.

**SOLUTION:** CleanWirx was employed to ensure a clean surface before the coating application.

**RESULT:** Maintenance project was conducted in October 1995 on brine pit piping in an Equistar storage facility in Markham, TX. The photograph to the left was taken 11 years later in October 2006.





## CleanWirx Treated Piping

- This picture to the left was taken in late July 2006 at an Equistar facility in Markham, TX.
- Piping was treated with CleanWirx and coated with standard Ameron coating in 1995.
- The water the piping is going into is a brine pit with a salt concentration of 300,000 parts per million.
- There has been no additional coating or maintenance on the piping for over 13 years.
- Based on confirmed field results, CleanWirx may extend the service life of industrial equipment 30% to 50% (about 10 to 20 years).



## Untreated Piping

- Picture (left) was also taken in late July 2006 at an Equistar facility in Markham, TX.
- The difference: outer flange was treated and coated, the inner face was not.
- Instead, seam between the two flanges was "taped and waxed."
- Since then aggressive corrosion occurred beneath the coating with the resulting obvious corrosion.
- All areas of the facility where CleanWirx was not used have required repeated maintenance and recoating.