

Case Study

Rehabilitation of a salt water disposal line in West Virginia USA

RTP-Rehab™ Case Study

Replacing a Corroded Steel line with RTP piping System

Background:

An operator in West Virginia required the replacement of a steel pipeline used to transfer salt water to a disposal well. The line had corroded and had to be replaced. Specialty RTP piping was selected for its ease of installation and elimination of corrosion issues for the future. The pipe was rated for 1,000PSI and 140F maximum operating temperature

Benefits of the Specialty RTP System:

- Polymers inert to Saltwater eliminated the need to ongoing corrosion inhibitors
- Less Friction means less Pressure drop which means smaller diameters than steel (1.25" RTPvs 2" Steel)
- Light weight Easy Installation mean lower costs vs. steel 1,000 ft per hour in steep difficult terrain
- Light weight and Flexible mean 6 ft right of way
- Light weight low cost equipment

Installation:

RTP Pipe was pulled out with an ATV and with a total crew size of three persons

7,500ft run with one length of pipe on a spool.

Trenched after pipe is laid out to minimize right of way

Pictures



No Special Equipment for Unspooling



Light Weight for Easy Transport