

ENVIRONMENTAL CONTAINMENT SYSTEMS FOR BRINE PONDS



CAPABILITIES

Mustang Extreme's environmental containment systems for brine ponds are designed for highly corrosive and mineral-rich environments. Whether storing brine for gas cavern operations, desalination processes, salt harvesting, or oil and gas applications, our systems are built for longevity and environmental protection.

With a team of experienced liner technicians, welders, and pipe crews, we ensure precise geosynthetic liner installation using the latest QAQC standards, including daily trial weld tests and comprehensive seam inspections. Our capabilities support projects across North America, including high-volume, multi-acre installations in challenging environments.

MATERIALS INSTALLED

- 40, 60, 80 and 100mil HDPE and LLDPE Geosynthetic Membrane
- Geosynthetic Clay Liner (GCL)
- Geocomposite
- GeoNet
- Conductive Liner

RECENT PROJECT

22-ACRE, 3-MILLION-BARREL BRINE POND LOCATED IN SOUTH TEXAS



MULTI-LAYER LINER INSTALLATION TOTALING 5.5 M SF

- GeoComposite 200mil (220) SST Black 8oz. – 1,388,000 SF
- 60mil HDSmooth Black Average Conductive – 1,388,000 SF
- GeoNet 200mil Smooth Black – 1,388,000 SF
- 60mil HDSmooth White Average – 990,000 SF
- 60mil HDSST White GRI Conductive – 329,867 SF

CRITICAL REQUIREMENTS

- Highest quality and consistency of materials
- Highest level of quality in welding
- Spark testing of the entire surface and seams using conductive geomembrane – 2.7 million SF of liner
- QAQC throughout the project