

Secondary Containment Newfield - Case Study

Fast curing, hydrocarbon resistant membrane that protects ground water from contamination.



CUSTOMER

Newfield Energy
Secondary Containment – Oil Tank Battery
South Texas - 2011

PROJECT TEAM

EcoSeal, LLC.
Bryant Industrial Services – Contractor.

PROJECT OVERVIEW

In 2011, Newfield Energy was in search of a secondary containment liner to line their oil tank battery containment area at a well site in South Texas. Of significant importance to Newfield was that the liner retain the ability to protect the environment and be able to withstand submersion in Oil in the event that one of the four (4) tanks in the tank battery, failed. Once the containment area was rolled and packed, our 10oz. geotextile was seamed from end to end in the field and ES 600 was applied in two (2) separate 20 mil applications. Upon the curing of the ES 600 system (approximately 24 hours) the rings and tanks were placed in the containment area and the ends of the liner then tucked in the pre-constructed trench around the perimeter of the containment area. Previously, Newfield had utilized rubber liners only to have an unproven hydrocarbon containment system.

CONSIDERATIONS

Environmental Protection: The ES 600 Hydrocarbon Containment System was utilized based on its proven ability to withstand submersion in hydrocarbons in the event of a tank failure. ES 600's elastomeric properties, tenacious adhesion, and ability to provide an effective hydrocarbon containment in temperatures ranging from -50°F to 175°F provided Newfield with a superior containment system and minimalization of potential environmental liability.

SYSTEM PRODUCTS

ES 600 & Non-Woven Geotextile: ES 600 Plural component, flexible epoxy, hydrocarbon containment system, which is specifically designed for environmental protection from Oil, Gas, Diesel and the like, provides long term protection from catastrophic situations that could be very costly, both environmentally as well as financially.