

Fresh Water Pits - Anadarko Case Study-

Fast curing, eco-friendly membrane that protects pits and ponds from leaching water.



CUSTOMER

Anadarko
Fresh Water Pit Liner
South Texas - 2010

PROJECT TEAM

EcoSeal, LLC.
Bryant Industrial Services - Contractor.

PROJECT OVERVIEW

In 2010, the fresh water pits being constructed in South Texas for use in the Oil Patch, needed to be lined so that there was no leaching of water from the pit. South Texas soils generally do not provide a quality barrier that allows earthen tanks to retain their valuable water without a liner. Previously, Anadarko had utilized pvc pit liners, only to have to replace them in a short time frame due to their inability to stand up in the South Texas Sun. As an alternative to the liner system that was continuously replaced, Anadarko decided to use the EcSeal 400 Pit Lining System and also use the EcoSeal 550 as a top-coat. Because the primary issue was to prevent leaching from the pit, Anadarko also decided to install the ES 550 white top coat to further decrease the evaporative affects of the sun. The pit is in good working condition and is providing a high quality liner that is safe for the environment.

CONSIDERATIONS

Environmental Protection: The ES 400 Environmental Membrane System was utilized as an alternative to other more ineffective liners. ES 400's elastomeric properties, tenacious adhesion, and ability to provide an effective waterproof barrier, combined with ES 550's flexibility and reflective properties provided Anadarko with a high quality liner membrane, that not only preserved the integrity of the pit and the water therein, but also did it in an environmentally friendly manner.

SYSTEM PRODUCTS

ES 400, ES 550 & Non-Woven Geotextile: ES 400 polymer-modified elastomeric system that is specifically formulated for long-term environmental protection, along with ES 550 for reflective and evaporation reducing properties, applied to our geotextile, provided Anadarko with an efficient, high quality liner system.