

Sand Stabilisation Hafr Al Baten – Kingdom of Saudi Arabia



Project: To prevent sand incursion on the Saudi Arabian Rail North – South line.

Project Objectives: Stabilisation of Railway berms on the North-South line at Hafr Al Baten. This project was carried out using TerraFirma supplied Polymer Technology to stabilise select areas of Railway protective berm. A Topical application was chosen to penetrate deep into the sand and create a hard, wind resistant, crust. The polymer treated surface will keep the sand in place and reduce active migration. TerraFirma Polymer Technology has been tested to withstand surface wind velocity greater than 100 miles per hour with no deterioration of surface crust. Project and TerraFirma supplied Polymer Technology successful.

Equipment: Water Truck, Spray Truck with Pump and Dual Hose Attachment.

Application Specifications: Topical Application.