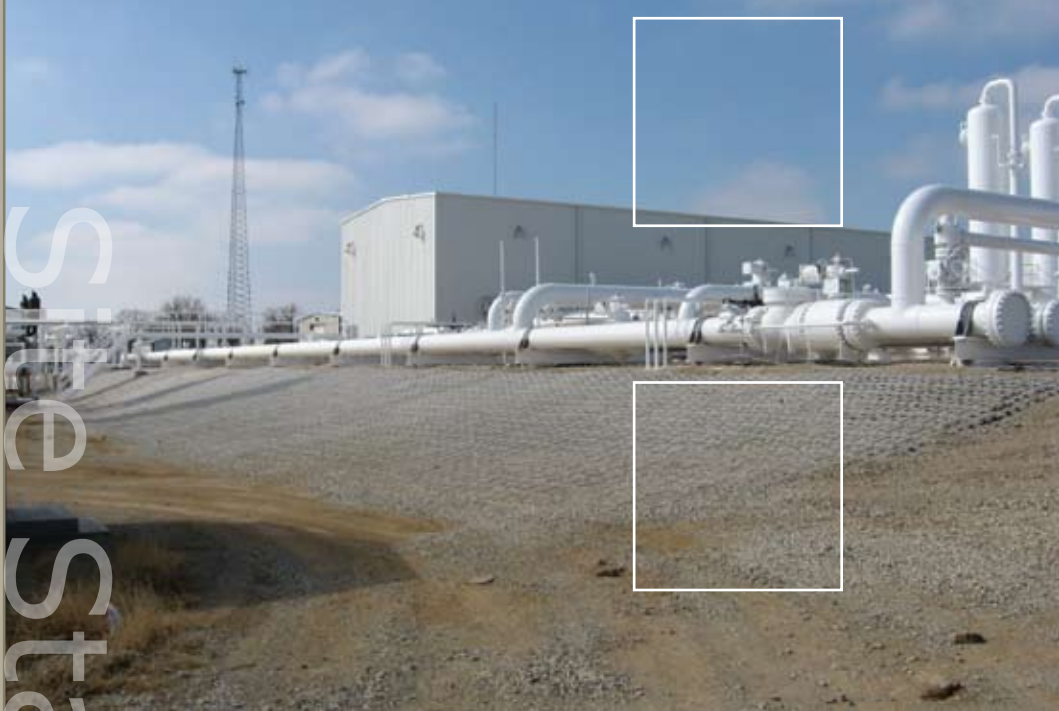




Site Stabilization

Jack County • Perrin, Texas

Site Stabilization



Synergy With Nature™

Site Stabilization

Application: Site Stabilization for Gas Storage Facility

Owner: Nortex Gas Storage Company

General Contractor: Submar

Location: Jack County, Perrin, TX

In December of 2009 a representative of Submar met with Nortex at their gas storage site in Jack County, Texas. Extensive erosion issues were very apparent on sloping perimeters of several elevated earthen pads. Various pipe carrier foundations were at risk if a remediation plan was not designed and implemented in the near future.

Implementation of the plan included grading of the area to form gentle slopes and then covering with geotextile and Submar's Articulating Concrete Mattresses (ACM).

Normally, the ACM would be installed using large cranes to place them in position. However, for this particular job, over-head pipelines and other obstacles presented a challenge and also a danger of damage from the use of heavy equipment. It was decided to use Submar's UltraFlex Place-N-Lace™ block installation method which does not require the use of heavy equipment to place mats but still achieves the same end-result of land stabilization. This method adds to the versatility and cost-effective nature of Submar.

Due to the geographic local and the deadline, it was necessary to schedule work during the months of July and August where temperatures reached 100°F+. For the crew's safety and productivity, much of the work was performed at night. This kept Submar on schedule and lessened the chance of heat related illnesses.

The project was completed on time with zero safety incidents. As part of Submar's service, the site was inspected a month after installation and will continue to be inspected in the future.



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