

Underground Infiltration Benefits High School Pool

At Strathmore High School, part of the Porterville Union high school district in Porterville, Calif., ACO's StormBrixx geocellular storm water management system was used for infiltration purposes because the water treatment plant could not accept the chlorinated water from the pools. The system was installed underground in the outfield of the baseball field, just south of the pool area. Two separate StormBrixx systems were used, one to dispose of the backwash from the pool and the other to dispose of any drainage from the pool pump room.

The project was installed in May 2014, utilizing a double-stack system with one access chamber in each system. Because maintenance was a critical factor to clean the inside of the tanks, the school district decided the StormBrixx easy-access design was perfectly suited for this application. As this system was used primarily for infiltration back into the soil, StormBrixx provided 1,300 cu ft of storage before infiltration back into the subsoil.

StormBrixx can be used to replicate several phases of the hydrological cycle. Designed for surface water infiltration and storage, its versatility allows it to be used in applications across all construction environments as a standalone

solution or as part of an integrated sustainable urban drainage scheme.

Stormbrixx consists of a single recycled polypropylene body that can be assembled in a variety of ways to form an open bonded structure. Its pillar configuration gives a high void ratio of 95%. This minimizes the excavation required to achieve a specified water storage capacity, reduces aggregate needed for backfilling, and improves flow characteristics of runoff through the tank. The system features a cell brick and cross bonding feature, which provides stability in the construction of the tank.



ACO Polymer Products
800.543.4764 • www.acousa.com
Write in 835

ACO. The future of drainage.



Commercial surface drainage trench drain



Light oil and sediment separator



Geocellular detention and retention system



Residential and landscape surface drainage

Write in 785



Scan for more information on ACO Products

Follow us on:



ACO Polymer Products, Inc.
800.543.4764 or 888.490.9552
www.acousa.com

