



# ALLIANCE GEOSYNTHETICS

## Case Study 29

**Project Name:**

Bay Street Reservoir

**Location:**

Santa Cruz, CA

**Owner:**

City of Santa Cruz

**Date:**

April 2014

**Product:**

AllianceGeo BX3030 (18,000 SY)

**Civil Engineer:**

Geocon

**Geotechnical Engineer:**

AEI Engineering

**Contractor:**

Gateway Pacific Contractors



**Application / Problem Description:**

Void spanning beneath a tank foundation.

**Solution:**

AEI were concerned about the possibility of voids occurring beneath a 6 million gallon storage tank. They determined that the most cost-effective way to help combat this hazard was to use biaxial geogrid reinforcement within the tank's unbound aggregate foundation. Three layers of AllianceGeo BX3030 geogrid were placed at intervals of 18 inches.

**For more information on Alliance Geosynthetics products, call 1.877.454.8096**

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