



**Project Team Members**

Owner:  
Town Center Community Park  
Santee, CA

Engineer:  
Ken Wright  
PSOMAS, San Diego, CA

Contractor:  
Western Rim Constructors  
Escondido, CA

Products Used  
StormSafe - Cartridge

# StormSafe Cartridge vault system specified for New Town Center Community Park for the treatment of bacteria, sediment, hydrocarbons and debris



### The Challenge:

A 23.5 million dollar compact, public park located on the San Diego River incorporates many community related activities including playgrounds, a lighted synthetic Turf football and soccer field, restrooms, walking trails, picnic shelters, and nature interpretive panels. A food concession stand with an outdoor courtyard and parking lots were also installed to support the visitors. Located on a river, a plan was needed to treat the runoff leaving these paved areas that minimized land usage, was economical to install and maintain and addressed the identified pollutants namely: bacteria, sediments, vehicle fluids and trash.

### The Solution:

The owner of the property considered many alternative solutions prior to selecting Fabco StormSafe cartridge based system. In the end they liked the relative small foot print of the StormSafe Vault which kept overall cost affordable and tests results showing effectiveness on the identified Pollutants.



The Fabco StormSafe uses multiple internal chambers to treat the stormwater runoff. The initial entry chamber collects sediments and features a hooded outlet that keeps floatables in the first chamber. This pre-treated water next enters a filtering chamber, consisting of 4 Fabco cartridge filters which provide enough capacity for the expected 0.22 cfs flow. The filtering cartridges used in this design incorporate two of Fabco's proprietary filter media products: 1) FabGuard, a treated open cell foam material that treats for fine sediments and is proven to reduce bacteria levels and 2) FabMax a unique, high flow oil absorbent material which instantly solubilizes hydrocarbon compounds floating or emulsified in the water and bonds them permanently to the material.

### About Fabco

Fabco Industries is a leader in stormwater management- we design and manufacture high performance storm water filter systems that are highly effective for various treatment applications including retrofits, new construction and green infrastructure.

We offer sustainable simple-to-maintain filtration solutions to meet virtually any stormwater pollution control challenge.