

CASE STUDY HELIX BACTERIA REDUCTION

SANTANA HIGH SCHOOL SANTEE, CA

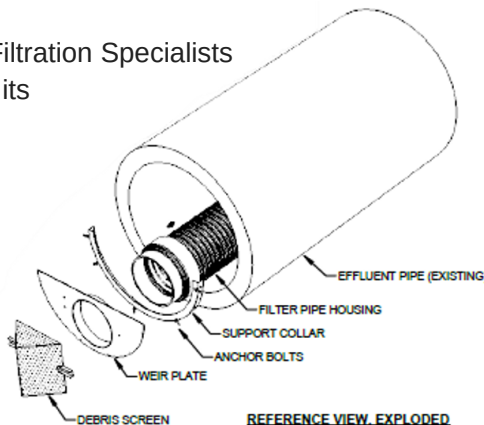
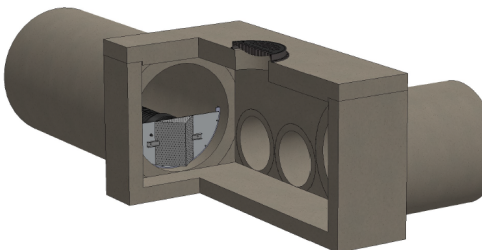


PROJECT DESCRIPTION:

The City of Santee identified “dry weather” discharges containing bacteria from Santana High School in 2018. Whitson Contracting and Management, Inc. (WCM), California Filtration Specialists’ (CFS) partner firm, was tasked with identifying the source of these discharges. Upon analysis, it was identified that the source of this “dry weather” discharge was from groundwater discharging from a retaining wall subdrain. Since the MS4 permit prohibits “dry weather” bacteria discharges, WCM determined appropriate treatment systems to eliminate bacteria from this discharge.

Fabco Industries’ FABGUARD filter system is the only anti-bacteria treatment system licensed by the State of California Department of Pesticide Regulations. The FABGUARD system can be implemented in a variety of methods with the Helix System providing the most efficient treatment method. Fabco Industries developed a Helix Filter that can be installed in an existing junction structure on the property. This treatment system greatly reduced the potential costs to the District while eliminating the bacteria in the discharges.

This proves that once again, California Filtration Specialists has the products and resources to solve its customers’ issues at a reduced cost.



OWNER:
Grossmont Union High School District

YEAR:
2018

PROJECT SIZE:
1 Custom Helix Pipe Insert and FabGuard Filter System



Evolved Stormwater Solutions

BENEFITS OF HELIX FILTER:

High Flow Rate Treatment

Treatment of Hydrocarbons

Targets Bacteria and Pathogens

EPA Registered Pesticide Treatment

Approved by CA DPR

Custom and Standard Designs Available

Minimal Clogging + Maximize Surface Area

LOCAL FABCO DISTRIBUTOR:



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