

Smart Vault Case Study

Albany County Airport Authority

OVERVIEW

The Albany County Airport Authority needed to address the effects of stormwater runoff coming from a bulk fuel facility at Albany International Airport.

CHALLENGE

A challenge was meeting the existing State Pollution Discharge Elimination System (SPDES) permit stormwater discharge standards for hydrocarbons into Shaker Creek, a sensitive waterbody that is a source of drinking water for downstream communities.

SOLUTION

The airport installed an Abtech Smart Vault to treat 100% of the stormwater runoff. As a result, there have been no permit violations for 13 consecutive years.

PRODUCTS + BENEFITS

End of Pipe Treatment: Smart Vault

- Ability to treat 100% of the stormwater runoff and remove the required amount of hydrocarbons
- No permanent pool of water in vault, no standing water, drains dry for mosquito control concerns
- Can be designed with internal or external bypass for high-flow rain events



Smart Vault

