

PROJECT PROFILE - AIRPORT FUEL FARM

JFK International Airport, NY, NY

November 2012- 2016



Objective:

Provide operational support and maintenance service for airport fuel farms.

Solution:

SCE is the Prime Contractor on a multi-year contract for the operation and maintenance of the bulk fuel farm and satellite fuel farm at the John F. Kennedy Airport in New York. This \$3MM multi-year contract provides remediation services for jet fuel release at both fuel farms as well as maintenance of pumping equipment at the site.

SCE cleaned numerous above-ground storage tanks consisting of crude oil, jet fuel, and fuel oil. An aqueous chemical solution along with dilutant was added to the tanks in which the hydrocarbons in the sludge were dissolved. The water layer was heated to solubilize the surface area of the sludge allowing the chemical penetrant to break up the sludge. An emulsion breaking component assured separate oil and water layers. The heavy hydrocarbons from the sludge dispersed evenly through the dilutant for recovery. Recovery of the available hydrocarbons was 99%.

SERVICES PROVIDED

- Soil remediation
- Tank Cleaning
- Heavy Crude Oil / Sludge
- Operation and Maintenance
- Excavation

