

Project Name:	Amtrak
Project Location:	New Orleans, Louisiana
Project Completion Date:	November 1999
Project Duration:	2 Weeks
Project Value:	\$75,000
Client Name:	National Railroad Passenger Corp
Client Contact:	Mr. Tom Roy-Feliciana
	Environmental
Client Phone Number:	225-292-8994
Technology Utilized:	Demolition of Locomotive Fueling System

Project Description

SEMS was contracted by the National Railroad Passenger Corp. (Amtrak) to remove the Diesel Fuel Storage Tank and loading and offloading systems at their engine maintenance yard in New Orleans.

The system components included:

- C A 500,000 gallon storage tank, sitting on a 6 inch thick concrete slab and 1 foot by 2 foot concrete ring, measuring 50 feet in diameter and 34 feet tall;
- C An earthen dike surrounding the tank measuring approximately 5 feet high by 15 feet wide;
- C 1,100 feet of 6 inch carbon steel pipe;
- C A truck unloading/tank loading area containing transfer pumping equipment, secondary containment, and a storm water pollution prevention system;
- C A locomotive loading system including transfer pumping equipment housed in a utility building and overhead delivery lines; and
- C The concrete spill containment system at the engine loading area.

Site work included:

- C Decontamination and demolition of the tank and pipe runs using a trackhoe with Hydraulic shears;
- C Deactivation, decontamination, and removal of all transfer piping systems;
- C Demolition of all concrete structures and removal from the site of all concrete debris;
- C Excavation of the containment berm, incorporating into site regrading upon completion of the demolition activities; and

- C Residual product, decontamination fluids, concrete debris, and steel generated during the work were removed from the site for recycling.

This project was completed ahead of schedule and on budget.