

Project Name:	UST Removal and Bioremediation
Project Location:	Lafayette, Louisiana
Project Completion Date:	March 1994
Project Duration:	9 months
Project Value:	\$ 166,000
Client Name:	Lafayette Airport Commission
Client Contact:	Mr. Greg Roberts
Client Phone Number:	318 - 266 - 4400
Technology Utilized:	Soil and Water Biotreatment

Project Description

SEMS was contracted by the Lafayette Airport Commission to develop and execute a Louisiana Department of Environmental Quality (LADEQ) approved site restoration program at the Lafayette Airport in Lafayette, Louisiana. This project entailed the removal of 18 -12,000 gallon underground fuel storage tanks, the construction of a bioventing pile, excavation of impacted soils, application of the impacted soils to the bioventing pile, and operation of the remedial equipment at the bioventing pile.

Major tasks completed during this project included:

- \$ Excavation of approximately 6,000 cubic yards of soil for the construction of a bioventing pile containment area. The area was lined with a 20 mil PVC liner. A lattice work of perforated piping was installed over the liner for the introduction of air into the subsequently stockpiled contaminated soil,
- \$ Removal of 18 -12,000 gallon underground storage tanks,
- \$ Excavation of approximately 6,000 cubic yards of contaminated soils from the tankhold. This material was transferred to the bioventing pile for onsite treatment,
- \$ Placement of the previously excavated clean soils into the tankhold, upon receipt of acceptable analytical results,
- \$ Operation of the bioventing pile until contaminant levels were reduced to target levels, and
- \$ Closure of the bioventing pile, leaving the piping and liner in place.

The LADEQ granted no further action and site closure following approximately six months of operating the bioventing pile.