

Project Name:	Old Inger Superfund Site
Project Location:	Darrow, Louisiana
Project Completion Date:	January 2001
Project Duration:	2 Years
Project Value:	\$300,000
Client Name:	Louisiana DEQ
Client Contact:	Mr. Tom Stafford
Client Phone Number:	(225) 765-0487
Technology Utilized:	Soil/Water Treatment and Bioremediation

Project Description:

SEMS personnel were involved with many phases of the Old Inger Superfund site, from initial site ranking in January 1982 to initial remediation activities through water treatment. SEMS personnel were an integral part of the Louisiana Department of Environmental Quality's team. Old Inger was one of the first NPL sites regarded as a "Superfund Site". Being one of the first, it often made conditions and decisions difficult including audit(s) five years after the work was completed. There was a two-three year delay between 1986 and 1988/1989 waiting on EPA and Congress to list Bioremediation as an "innovative" technology. SEMS personnel worked closely with the Department and EPA to have the Record of Decision (ROD) stand and remediation proceed.

During Phase IV-A Construction/Remediation activities, which began in January 1990 and lasted until December 1991, SEMS personnel performed Construction Quality Assurance (CQA). CQA activities included field testing and oversight, review of change order requests submitted by the contractor, and preparation of a certification report. Major tasks conducted during Phase IV-A Construction/Remediation activities included the following:

- C Site Preparation,
- C Waste/soil excavation, handling and storage,
- C Hydroblasting, repairing, and demolition of existing tanks,
- C Construction of new tanks,
- C Construction of access roads and dikes,
- C Construction of underdrain/interceptor trench system,
- C Construction of a Surface Impoundment,
- C Construction of a Land Treatment Unit,
- C Installation and operation of a Water Treatment System,
- C Installation and use of an air curtain for burning of certain flammable wastes,
- C Construction of a vehicle decontamination pad, and
- C Installation of sumps, manholes, and associated pumps and piping,

During the waste application phase, SEMS personnel performed water collection and treatment activities. Water treatment was performed using a 300 gallon per minute unit equipped with sand filters, sock filters, PM-100 absorbent material and activated carbon. During the 2 year project, SEMS treated approximately 16,000,000 gallons of water.