

Project Description



Description: *Overturned Gasoline Tanker*

Site: *Busy City Intersection*

Location: *Illinois*

A national petroleum transporter overturned a tanker carrying 8,300 gallons of gasoline. IES work crews cold tapped the tanker and recovered 6,100 gallons of gasoline. A total of 2,200 gallons of highly flammable gasoline had spilled into storm sewers and migrated into a wetland and ditch line. All emergency work was conducted under flammable atmospheric conditions. Strict levels of site safety were implemented and enforced to protect the public, onsite workers (public and private), local businesses, and property.

clean up in this area. The corrective action plan drafted by IES outlined the accelerated remediation of contaminated soils using a biological mixture of microorganisms and nutrients. The corrective action plan was reviewed and approved by the Illinois Environmental Protection Agency. Within two weeks of the initial application of the bio-mixture, contaminant levels in the ditch area decreased by 90%. A second application was applied two months later. Within three months from the date the spill occurred petroleum contamination was non-detect.



The gasoline plume in the ditch area had migrated approximately ½ mile. Vacuum trucks were positioned in key areas along the ditch line and wetlands to remove the gasoline that had accumulated in those areas. All gasoline and water that was pumped from the ditch and wetlands was transferred to bulk storage tank trailers for off-site reclamation.



Upon completion of the initial emergency response activities, IES implemented soil remediation of the wetlands. All contaminated soil was excavated and the wetlands were restored.

IES and its employees are committed to the preservation of our environment.

Because of the limited access to the ditch area, IES could not remove the contaminated soil from the ditch line. IES engineers and geologists formulated a corrective action plan to address

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