

HC-2000 Motor Oil Bioremediation

Location: Atlanta, Georgia

Client: Lubricant Manufacturer

Contract Amount: \$26,000

PROBLEM

A major lubricant company contracted with Remtech Engineers to update their SPCC plan and bioremediate an active rail siding track for a motor oil formulation plant in Atlanta, Georgia.

SOLUTION

Railcar unloading pumps were moved inside the secondary containment area for the bulk storage tank farm.

Remtech's native bioremediation accelerator HC-2000 was used to degrade over 30 years of oil deposits on the rail siding.

During a four (4) month treatment period, total petroleum hydrocarbons were reduced by over 60%.

During the treatment program, additional oil releases were observed during unloading operations and from runoff from tank car overfills by the shipper.

A trackmat changeout program was implemented to minimize future oil spill buildup on the rail siding. The shipper was required to clean off cars prior to transport.

COST/BENEFITS

Ballast insitu treatment with HC-2000 allowed the facility to continue operations without interruptions saving thousands in lost track time. The mobile phase of residual oil and resulting sheens was eliminated and confined to the rail siding.



Rail Siding prior to Treatment



Rail Siding Following Four Months of Treatment



