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Railroad Clean Up

A very large global chemical company (**COMPANY**) recently utilized **OSE II**. The information contained in this file is the start to end with **COMPANY** for the clean up at their Texas plant. **COMPANY** overflowed a tank car and it went into the soil under the tracks and flowed down to the ditch on the southeast side of the tank. **COMPANY** was faced with removing the tack and the soil, brining in new soil, stabilizing it and then resetting the track. **COMPANY** personnel stated this would have cost \$53,000.00. **COMPANY** contacted us, we presented a clean up protocol, they bought 1 case, and even flew me down to the company location in Texas to make sure the set up was correct, they spent a total of \$1400.00 US, **COMPANY** only used \$350.00 of **OSE II** and this saved them **\$51,600.00**. Had they not flown me down to their plant, they would have only spent the money for a case. **COMPANY** mixed applied sampled and tested everything themselves, and you can see from the last test extractions they were all ND, non detect. **COMPANY** has since purchased additional **OSE II**. I thought this clean up and the amount of money we saved **COMPANY** would help you with your railroad contacts. We are under a non-disclosure agreement, so you may want to take excerpts from this with all references to actual **COMPANY** redacted, as you can see it contains each and every action, and communication we had with **COMPANY** for this spill.

Steven Pedigo
CEO, OSEI Corp



Email communications between COMPANY and OSEI:

Date: Sun, Aug 18, 2013 8:54 am To: oseicorp@osei.us

Steven,

Thank you again for taking the time to visit COMPANY and assist with our spill remediation. Your visit gave us the confidence that the product will work as intended and we will not have to complete any further excavation. We look forward to working with you again in the future.

Date: Sat, Aug 24, 2013 10:10 am To: oseicorp@osei.us

Steven,

I wanted to send you the first results of our cleanup. They look extremely promising after just one week so I wanted to thank you. Again, the starting concentrations in some areas of the spill were as high as 5700 mg/kg isobutanol. We are looking into areas around the places that should have the higher concentrations to see if we need to expand the border of our spill site and spray a bit more to ensure full cleanup.

Date: Mon, Sep 30, 2013 4:51 am To: oseicorp@osei.us

Steven,

The last results we obtained are attached. The three spots we tested were all ND, which is encouraging. We have sampled the remaining zones, as per TCEQ requirements, to confirm complete cleanup. Thank you for your support throughout the remediation. We have

been very impressed by your product.

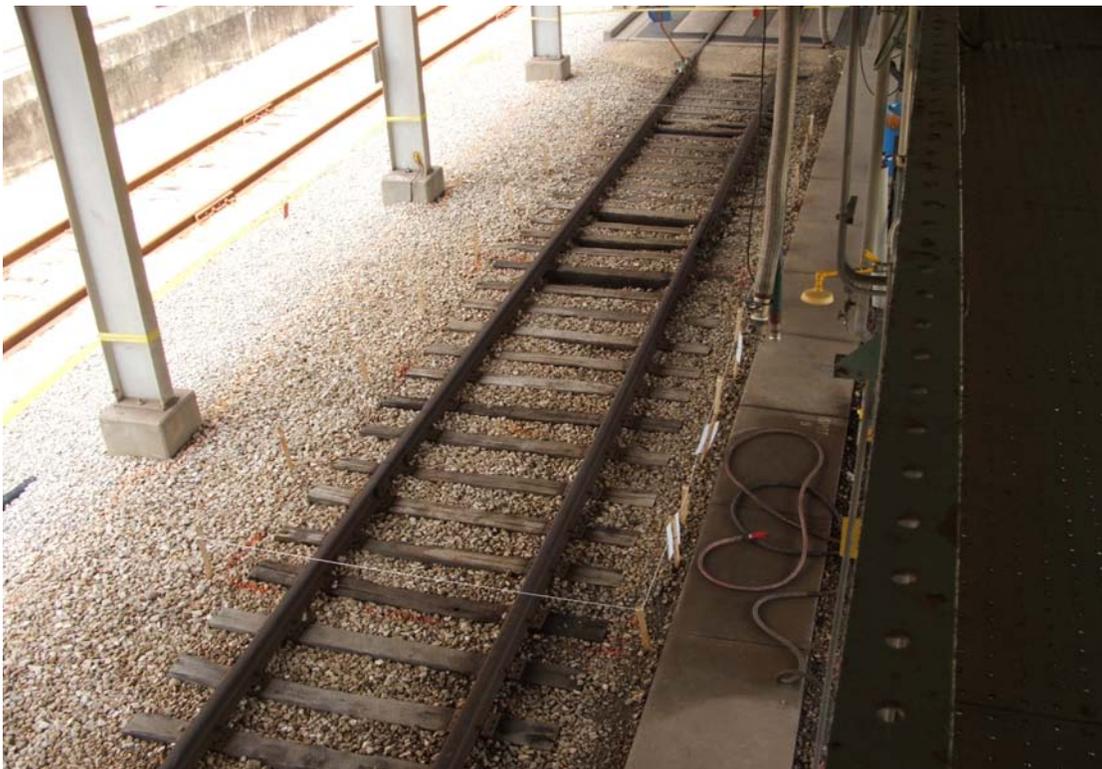
The Isobutanol has stained the soil/rocks, and penetrated the stabilized soil.



The Isobutanol covered approximately 30 feet in length under the tracks



COMPANY location in TX Remediation area East to West



Zone 1 & 2 applied 8 15 13



COMPANY location in TX Zone 4 applied-2



COMPANY location in TX Zones 4 & 5 on day 2



COMPANY location in TX Zone 6 applied-4



OSE II's all natural, organic bio surfactants attack the molecular structure of the hydrocarbon/hazardous material by breaking the spill into small particles. The hazardous material is then solubilized (NATURAL DISPERSANT), which increases the hazardous material/water interface in approximately 30 minutes.

During this process the **OSE II** enzymes form protein-binding sites on the solubilized hydrocarbons and act as catalysts to induce the now enhanced **indigenous bacteria** to utilize the broken down hydrocarbon as a food source. **End result = CO2 and H2O.**

Note: All testing data documents on this project are available upon request. All references to the actual company will be redacted

This list contains most of the hazardous material OSE II has bioremediated. It is not complete. We add new compounds continually. This list is to give you an idea of what OSE II can remediate. If your particular contaminant is not listed, please call us.

OSE II can Bioremediate
Most Organic Based Compounds

OSE II can Bioremediate almost
all Hydrocarbon Based Compounds

Some of the Hazardous Material
OSE II has Bioremediated

All types of Gasoline

Diesel Fuel

Jet A

JP 4

JP 5

JP 8

Numerous Solvents

Crude Oils

Alaskan North Slope Crude Oil

Texas Sweet Crude Oil

South African Crude Oil

Bunker C Crude Oil

Venezuelan Crude Oil

Mexican Crude Oil

Louisiana Crude Oil

Kuwait and Saudi Arabian
Crude Oil

Pesticides

DDT

Malathion

Organo Pesticides

Other Compounds

Tert Butyl Ether

Benzene

Zylene

Toluene

Ethyl Benzene

Chrysene

Hopane

Hexadecane

Naphthalene

Fluorene

Phytane

Phenanthrene

C18

C30

Pristane

And Others

No 2 and No 6 Heating Oils

Kerosene

Grease form Animals

Grease from Vegetables

Dioxins

Furans

Creosote

PCBs (Poly

Chlorinated Biphenols)

Dry Cleaning Fluid -

(Perchloroethylene)

Ethylene Glycol -

(Radiator Fluid)

Deicing Agent

Hydraulic Oil

Brake Fluid

Power Steering Fluid

Motor Oils

Co Polymers

TNT

Gun Powder
