

## OIL SPILL RESPONSE, CLEAN-UP AND REMEDIATION PROJECTS

### 1. Soil and Groundwater Remediation @ 24" Nkpoku Bomu Pipeline in Bera Gokana LGA, Rivers State, Nigeria

Giolee Global Resources Nigeria Ltd carried out Soil and Groundwater Remediation activities for Shell Petroleum Development Company, Nigeria at 24" Nkpoku Bomu Pipeline in Bera Gokana LGA. The project commenced 10<sup>th</sup> April 2013 and ended 18<sup>th</sup> July 2013. Oil Spill Eater II was the remediation agent used to treat the impacted soil and groundwater. The site was certified by regulators and closed out.



Overview of impacted area after tilling area



Mechanical Excavation of impacted area



Ground water condition in excavated pits before application of Oil Spill Eater II (OSE II)





Excavated Ground Water trench with Free Phase crude before recovery and application of OSE II



Application of OSEII after tilling



Application of OSE II in excavated pit



Groundwater condition in excavated pit after recovery and application of OSE II



Overview of site after application of OSEII



Overview of site after groundwater treatment with OSEII and backfilling of excavated pits