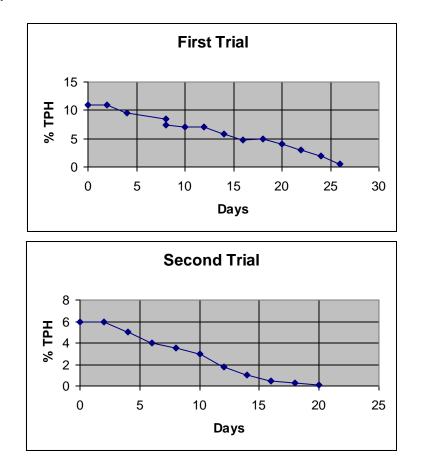
## **Bioremediation Products**



## **Reduction of TPH in Drilling Mud**

A drilling company generated large volumes of diesel-based drilling mud contaminated with crude oils. High disposal costs and requirements to reduce total petroleum hydrocarbon (TPH) values below one percent mandated evaluation of various treatment technologies.

A field trial was initiated using a slurry reactor. Twenty cubic meters of drilling mud were mixed with water and M1000H\* microbes to create a slurry of 38% solids. The slurry was pumped through a mud tank containing a series of baffles and weirs. The first trail ran for 30 days; clean-up objectives were met in 25 days. After mechanical modifications to the reactor, a second trial was conducted. The second trial met the requirements in 20 days. Total estimated cost for this treatment process was \$35.00 per cubic yard.



Micro-Bac<sup>®</sup> International, Inc., 3200 N. IH-35, Round Rock, TX 78681 Phone: (512) 310-9000 • Toll Free: (877) 559-1800 • Fax: (512) 310-8800 E-mail: <u>mail@micro-bac.com</u> • Website: www.micro-bac.com