

# Bioremediation Inc.

## Petrochemical Plant Test

### **The Situation**

A major petrochemical company had a problem with their wastewater treatment plant discharges due to a heavy slop oil byproduct. This was due to high concentrations of benzene in the slop oil.

### **The Solution**

Bioremediation Inc, Inc. took on the project to assess how quickly the benzene could be degraded down to acceptable discharge levels by using Baad Bugs Super Concentrate Surface Cleaner. This treatment was done prior to entry into the wastewater treatment plant.

### **The Results**

The benzene concentrations at the start of treatment were 1900 mg/L. Two weeks into the test program samples were taken and analyzed. The benzenes were found to be at non-detected levels or completely broken down. At the end of the three-week trial all BTEX components were all at non-detected levels. The complete test results are listed below.

	<b>Start</b>	<b>2 Weeks</b>	<b>3 Weeks</b>
Benzene	<b>1900 mg/L</b>	<b>ND</b>	<b>ND</b>
Toulene	<b>1170 mg/L</b>	<b>ND</b>	<b>ND</b>
Ethylbenzene	<b>ND</b>	<b>ND</b>	<b>ND</b>
Xylene	<b>2330 mg/L</b>	<b>461 mg/L</b>	<b>ND</b>

ND = none detected