

## CASE HISTORY 4/92 TO 7/93

SITE LOCATION: Mid-West

TARGET CONTAMINANTS: TPH, BTEX

R&D: Yes BENCH: No FIELD APPLICATION: Yes

During construction of a professional sports stadium, 32 previously unknown leaking underground storage tanks were found, and the area was impacted with hydrocarbons. Soil extraction and chemical analysis showed a plume contaminated at a depth of 21'-26'. Due to the construction process and time pressure, a passive approach was needed.

Lambda Bioremediation Systems, Inc. was contracted to evaluate the possibility of in-situ bioremediation. After laboratory study, it was determined that bioremediation was a cost effective and viable alternative. A contaminated area assessed to be 14,000 square feet (11,103 cubic yards) was treated through injection of microbes into 10 wells.

The final closure report was submitted in June, 1993 and accepted by BUSTR and closure obtained in July, 1993.

