

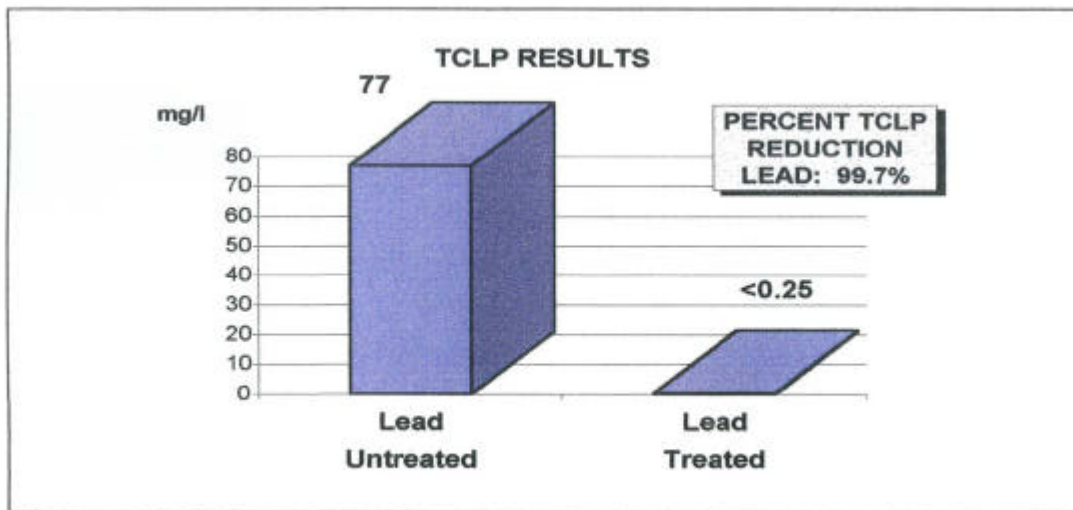


MBS® CASE STUDY	
Location:	Jersey City, NJ
Hazardous Metal:	Lead
Source of Contamination:	Pigment Dye Manufacturing
Medium:	Soil

The site was contaminated from pigment dye veins buried in the ground over a period of 50 years. As a result, the soil was contaminated with hazardous levels of lead. Portions of the soil were completely discolored and had leachable lead in excess of 600 mg/l; the average leachable lead level was 77 mg/l.

Solucorp conducted a treatability study in its laboratory prior to mobilization and also performed a pilot test on site to demonstrate the effectiveness of MBS prior to full scale commercial application. All material was excavated, screened and crushed to 2.5 cm prior to treatment.

Solucorp's equipment was set up within the confines of a 125' x 60' area. The pugmill was operated to an average production rate of 400 tons per day. MBS reagents were added with a volume increase of only 1.8%. The treated soil was tested for TCLP lead by an independent, state certified laboratory. The TCLP lead levels were reduced from 77 mg/l to non-detectable (<0.25 mg/l).



(1) Average TCLP Value