

# Common Ground Relief

## Bioremediation Sites November 22, 2005

### Site 1: Agricultural Street Landfill

- Federal Superfund site in New Orleans Neighborhood
- 92% African American, Mean family income of \$15,000 per year. 38% of families below poverty line.
- 95-acre former City disposal area, redeveloped as Moton Elementary School, residential housing, and undeveloped land.
- Contaminants: lead, arsenic, and carcinogenic polynuclear aromatic hydrocarbons.
- Residential area soils: 1 in 10,000 lifetime cancer risk; 5 in 10,000 if landfill materials are exposed.
- Residential area soils: 6.1% of children at risk from lead. 64% if landfill materials are exposed.
- Common Ground Tests: total petroleum hydrocarbons present in school sediment @ 594 mg/kg.



### Site 2. Lower Ninth Ward

- Corner of N. Rochele & Choctaw near Lawless High School.
- Common Ground Tests: total petroleum hydrocarbons present in school sediment @ 57 mg/kg.



### Site 3. St. Bernard's Parrish: Murphey Oil Refinery

- 2109 Jacob Street
- Drainage ditch between residential neighborhood and Murphy Oil Refinery
- Common Ground Tests: total petroleum hydrocarbons present in water @ 3030 mg/liter, toluene @ 23.3 ug/l.