



## American Recovery & Reinvestment Act (ARRA) Leaking Underground Storage Tank (LUST) Trust Fund

H & H Machinery, Kirklin

### ARRA Assistance Provided

Soil and groundwater delineation and remediation.

Final Project Cost: \$14,707

No Further Action Letter issued: June 30, 2010

### Background

The site is currently occupied by a machine shop that is no longer operating and was formally operated as a retail gasoline station. In 1997, four gasoline underground storage tanks (USTs) were removed from the site and soil samples indicated contamination. However, due to financial constraints, no further investigation or remediation was conducted at this site by the owner.

### Current Status

The goal for the expenditure of ARRA funds was to complete delineation and remediation on the subject property to achieve a No Further Action designation. On October 27, 2009, six soil and groundwater samples were taken at the site. The results indicated high levels of lead in one soil sample and in four of the groundwater samples. Residual soil contamination was below industrial levels. On December 28, 2009, four soil borings were advanced to delineate the elevated lead level and three permanent groundwater monitoring wells were installed in order to continue to monitor remediation of the groundwater contamination on site. Analytical results indicated that current contaminant levels meet the IDEM commercial/industrial closure standards and the site was issued a no further action status with an environmental restrictive covenant (ERC) on June 30, 2010. The ERC was recorded on July 14, 2010. The final activity of abandoning the monitoring wells was completed by July 30, 2010.



Geoprobe soil boring



Temporary monitoring well



Groundwater sampling