



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

Howard Hargrove, West Lebanon

### ARRA Assistance Provided

Soil and groundwater contaminant delineation and remediation.

Approved Budget: \$140,420

### Background

The site is currently a vacant lot used for parking by the West Lebanon Volunteer Fire Department. The Site was originally developed as a retail gasoline station in 1967. In 1998, three underground storage tanks (USTs) containing gasoline were removed. During excavation activities, three additional USTs were discovered. Impacted soil excavated during removal of the USTs was stockpiled on site and initial sampling indicated petroleum impacts in groundwater.

### Current Status

The goal for the expenditure of ARRA funds is to complete delineation by sampling soil and groundwater and conduct remediation on the subject property to achieve a No Further Action (NFA) designation. On October 13, 2009, eight soil and five groundwater samples were taken at the site. The soil stockpile located on the site from the 1998 tank excavation was also sampled for contamination and met residential default closure levels. Over 480 tons of contaminated soil have been removed from the former tank area. Three monitoring wells installed on site have revealed groundwater contamination. In June 2011, more soil removal occurred and subsurface injections of [insert] were performed. In addition, two additional groundwater monitoring wells were installed. All monitoring wells were sampled and the sample results show decreasing contaminant levels. Additional sampling is scheduled in September 2011 and if those results show continued decreasing contaminant levels, the environmental conditions on the site will likely meet applicable RISC closure levels in December 2011, at which time IDEM will issue an NFA letter.



Geoprobe soil sampling



ARRA sign on site



Soil sampling

