



RACER/MDEQ Public Information Meeting
Willow Run Powertrain Site, Ypsilanti Michigan
June 18, 2013

Site Investigative Activities:

Site has undergone years of investigation and recovery measures including the installation of hundreds of soil borings, monitoring wells and recovery wells.

As part of the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI), the following activities were completed between 2010 and 2012:

- Installation/completion/collection of:
 - 4 deep groundwater monitoring wells (up to 90 feet)
 - 24 intermediate monitoring wells
 - 53 shallow monitoring wells
 - 17 soil gas probes
 - 53 soil borings
 - 293 Laser Induced Fluorescence (LIF) points (evaluates presence or absence of oil)
 - Mobility evaluation
 - ~275 soil samples and ~270 groundwater samples

Investigation Results

Significant amounts of petroleum products and cutting fluids, referred to as "Light Non-Aqueous Phase Liquid" (LNAPL) because they float on water, are present in the soils beneath the Site. The LNAPL is stable, highly degraded, continuing to biodegrade, and not recoverable (the most aggressive technologies would still leave majority of LNAPL in place).

The LNAPL is not producing off-Site groundwater contamination or vapors. The existing vintage storm sewer system provides hydraulic control for groundwater at the Site (groundwater leaks into sewers), preventing migration of groundwater impacts.

2013 Site Activities:

Follow up RCRA Investigative Activities include:

- Annual groundwater monitoring event (elevation measurements and sample collection)
- Semi-annual LNAPL monitoring event
- Collection of additional soil and groundwater samples

Additional Site Redevelopment and Reuse activities include:

- Demolition of site buildings (slabs to remain as part of environmental control)
- Development of long term/sustainable storm water and groundwater control and/or treatment systems
- Property swap with the Willow Run Airport

Further Investigation/Evaluation:

- Evaluate future remediation strategies such as land use restrictions, groundwater use restrictions, clean cover/ caps, and groundwater recovery/ treatment system
- Continue to monitor for any changes in site conditions.

All RFI investigation activities and recommendations have been and will continue to be developed in consultation with the MDEQ.