



**Hemphill Road Industrial Land
Genesee County Public Information Meeting
June 25, 2013**

All remediation activities have been and will continue to be developed in consultation with and approved by the MDEQ. Initial Site remediation funding was approximately \$1,800,000 and approximately \$1,600,000 remains available.

2011 Site Activities

Continued Site activities, including:

- Prepared and submitted Groundwater Investigation Report to MDEQ, and
- Began implementation of passive (absorbent sock in well), light non-aqueous phase liquid (LNAPL) removal from monitoring well MW-4S.

2012 Site Activities

Continued Site activities, including:

- Performed quarterly groundwater sampling,
- Prepared and received MDEQ approval for a Work Plan to delineate offsite LNAPL, and
- Continued implementation of passive LNAPL removal from monitoring well OBG MW-4S and also from MW-401.

2013 Site Activities

Continued Site activities, including:

- Performing semiannual groundwater sampling,
- Completing LNAPL characterization, and
- Will complete LNAPL delineation when access can be obtained to adjacent property.

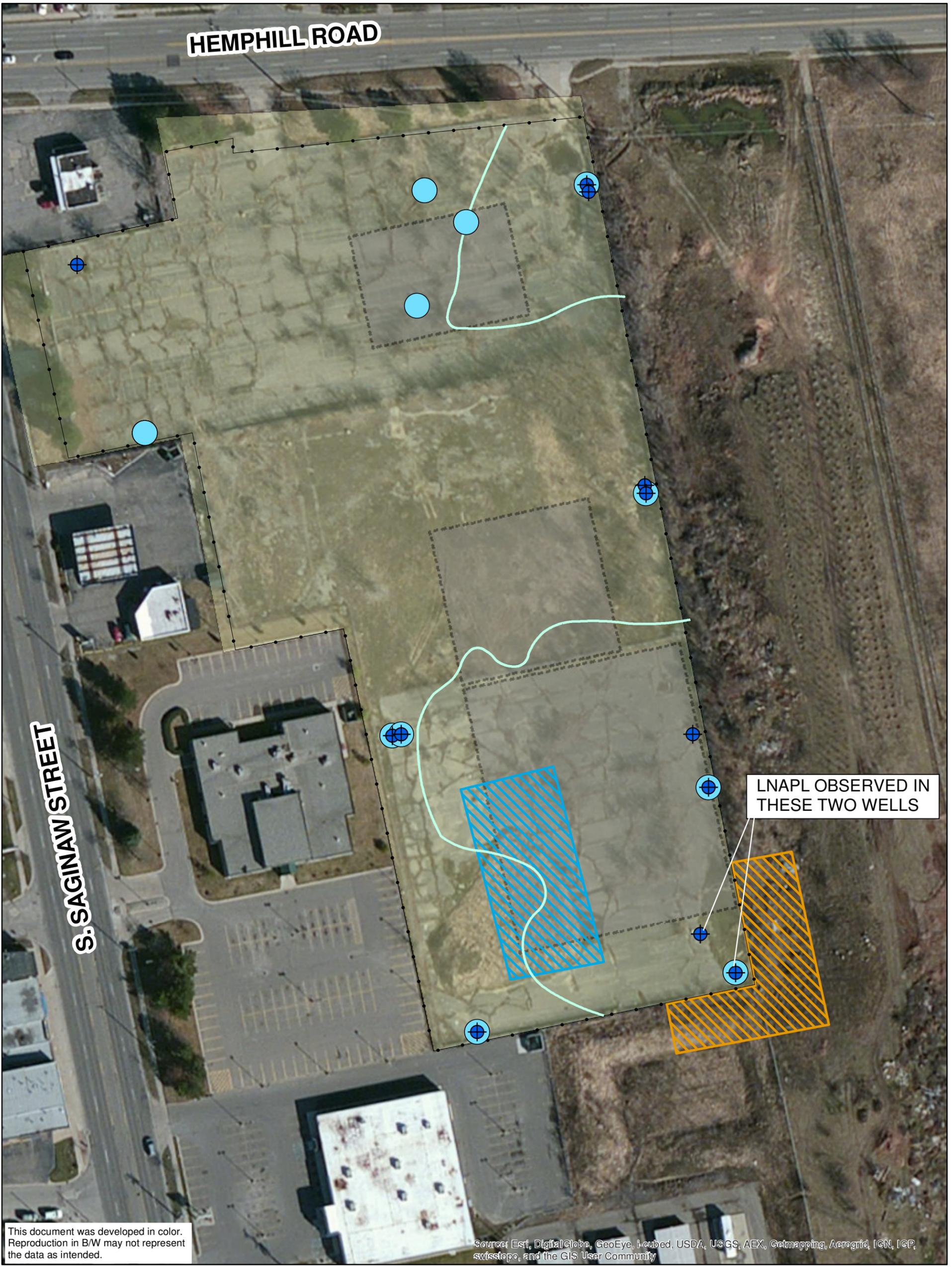
Summary of Data Collected

- Site geology is variable,
- Site groundwater flow direction is variable,
- LNAPL observed in two monitoring wells (OBG MW-4S and MW-401) located at the southeastern corner of the property,
- Primary contaminant of concern in soil is lead
- Primary contaminants of concern in groundwater are arsenic and benzene (from off-site source)

Possible Response Activity Plan

Although additional LNAPL delineation/evaluation, groundwater sampling, and cleanup alternative evaluation must be completed, the currently anticipated cleanup for the Site may include:

- Land Use Restrictions: Limit future use of the entire Site to commercial and/or industrial land use, requiring contaminated soil management, and health and safety requirements for intrusive activities.
- Groundwater Use Restrictions: Prohibit the use of groundwater for consumption, irrigation, or any other purpose.
- Monitored Plume Stability: Implement a groundwater and LNAPL monitoring program to confirm plume stability.
- Cover/Caps: Utilize existing or upgraded asphalt cover/cap to prevent exposure to soils exceeding MDEQ Direct Contact criteria and to LNAPL at the southern portion of the property.



This document was developed in color. Reproduction in B/W may not represent the data as intended.

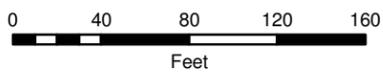
Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

KEY

-  APPROX. EXTENT OF WASTE FILL
-  SOIL EXCEEDANCE OF DIRECT CONTACT CRITERIA
-  GROUNDWATER CONCENTRATION EXCEEDING MDEQ NRDWP CRITERIA
-  LNAPL DELINEATION REQUIRED
-  HEMPHILL ROAD INDUSTRIAL LAND
-  FORMER BUILDING

**RACER TRUST
HEMPHILL ROAD INDUSTRIAL LAND
BURTON, MICHIGAN**

**SITE ENVIRONMENTAL
CONDITIONS**



JULY 2011
14774/46306/ND/MASTER