

# **VAPOR INTRUSION INVESTIGATION PHASE 2**

## **MLC Moraine Facilities Sub-Slab and Indoor Air Sampling**



**PUBLIC MEETING**  
**February 17, 2011**

**Mirtha Cápiro**  
**Region 5**  
**Project Manager**



# REGULATORY STATUS

---

- **EPA Administrative Orders require environmental corrective action – 1991 and 1997**
- **Ohio EPA oversees closure and post-closure of hazardous waste management units**





# **FOLLOW UP TO SEPTEMBER 30, 2010 MEETING**

---

**City building & East facility boundary**

**Phase 1A-Fall 2010**

**Phase 1B-Spring 2011**

**Riverview Plat**

**Phase 1A-Fall 2010**  **Phase 2-Spring 2011**



# RIVERVIEW PLAT - FALL 2010

## PCE in groundwater table



### LEGEND

- 3413 ADDRESS NUMBER
- RESIDENTIAL FOUNDATION STRUCTURE ON SLAB
  - RESIDENTIAL FOUNDATION STRUCTURE WITH CRAWL SPACE
  - RESIDENTIAL FOUNDATION STRUCTURE WITH BASEMENT
  - SECONDARY STRUCTURE
  - NON-RESIDENTIAL STRUCTURE
  - PARCEL OUTLINE

NOTE: INFORMATION FOR FOUNDATION STRUCTURE BASED ON DATA FROM MONTGOMERY COUNTY AUDITOR WEB SITE ([www.mcauditor.org](http://www.mcauditor.org)); INFORMATION WILL BE VERIFIED DURING RECONNAISSANCE.

● SOIL-GAS SAMPLING POINT LOCATION

(21) GROUNDWATER TABLE PCE CONCENTRATION IN ug/L

### PCE GROUNDWATER TABLE CONCENTRATIONS

- >100 ug/L TETRACHLOROETHENE
- 50 TO 100 ug/L TETRACHLOROETHENE
- 5 TO 50 ug/L TETRACHLOROETHENE

ALL GROUNDWATER TABLE CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L) AND PRESENTED IN TABLE 2



# **PHASE 2 WORKPLAN RIVERVIEW PLAT – SPRING 2011**

---

- **Sub-slab and indoor air sampling**
- **Residential and commercial buildings**
- **Access agreements to be signed by property owners**