

Former Athens Tank Farm Willowbrook, California

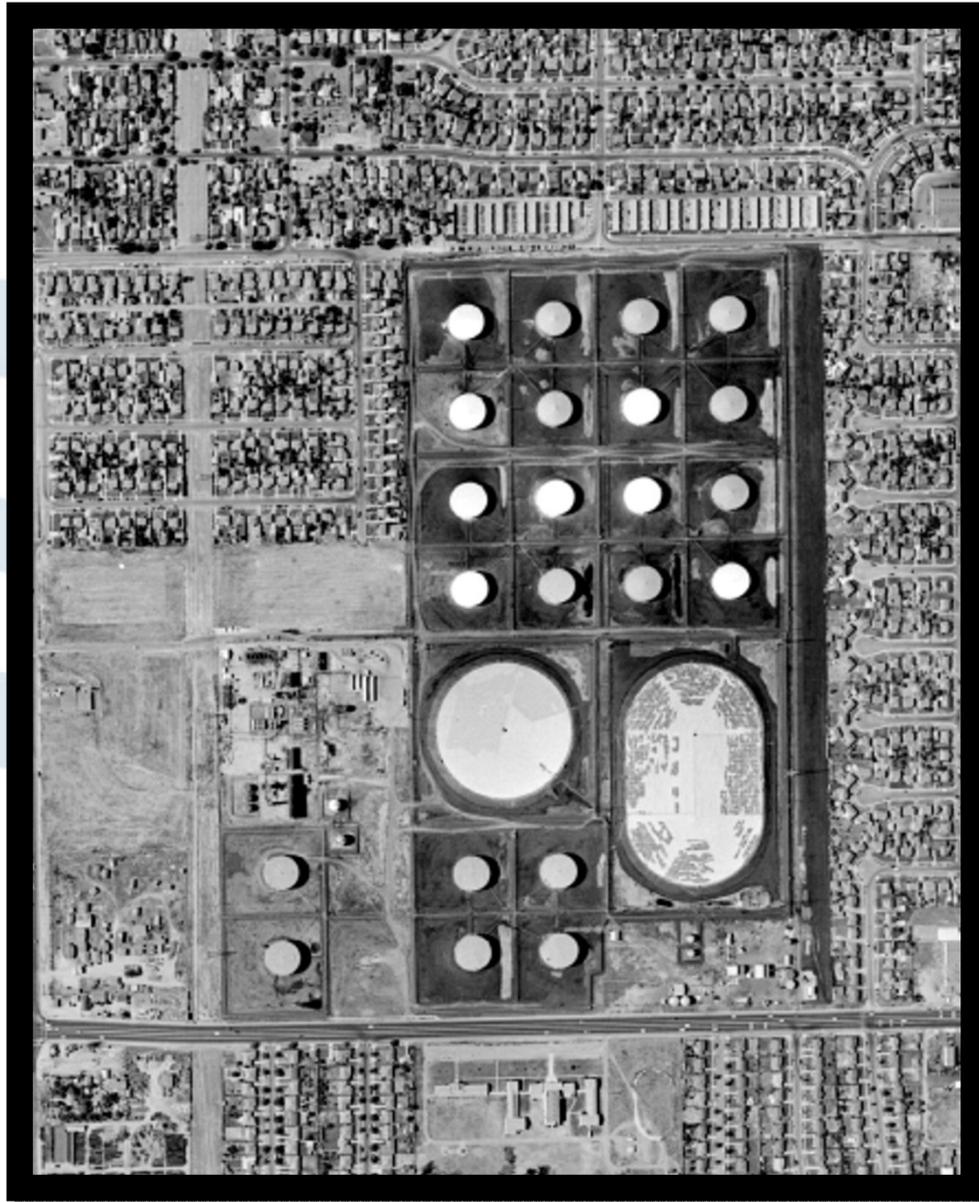


May 11, 2011

Public Outreach Activities

- Ujima Village Residents
- Community Meetings
- Friends and Neighbors Community Club
- Black Community Health Task Force

1956 Aerial Photo of Site



Site Assessment

- Regional Board environmental investigation (August 2007)
 - At request of Los Angeles County
- Comprehensive Environmental Investigation conducted in three stages:
 - Stage I – Sampling of Ujima Village Apartments, Ujima Housing Property, and proposed improvement areas of the park.
 - Stage II – Lake water, sediment, and fish tissue sampling.
 - Stage III – Investigation of former tank farm footprint including portion of the remaining part of the Magic Johnson Regional Park

Investigation Data Summary

- Soil Sampling
 - Shallow and deep soils
 - Soil vapor sampling
- Water Sampling
 - Groundwater
 - Lake - water, sediment, & fish tissue
- Air Sampling
 - Indoor and outdoor

Shallow Soil Assessment Results

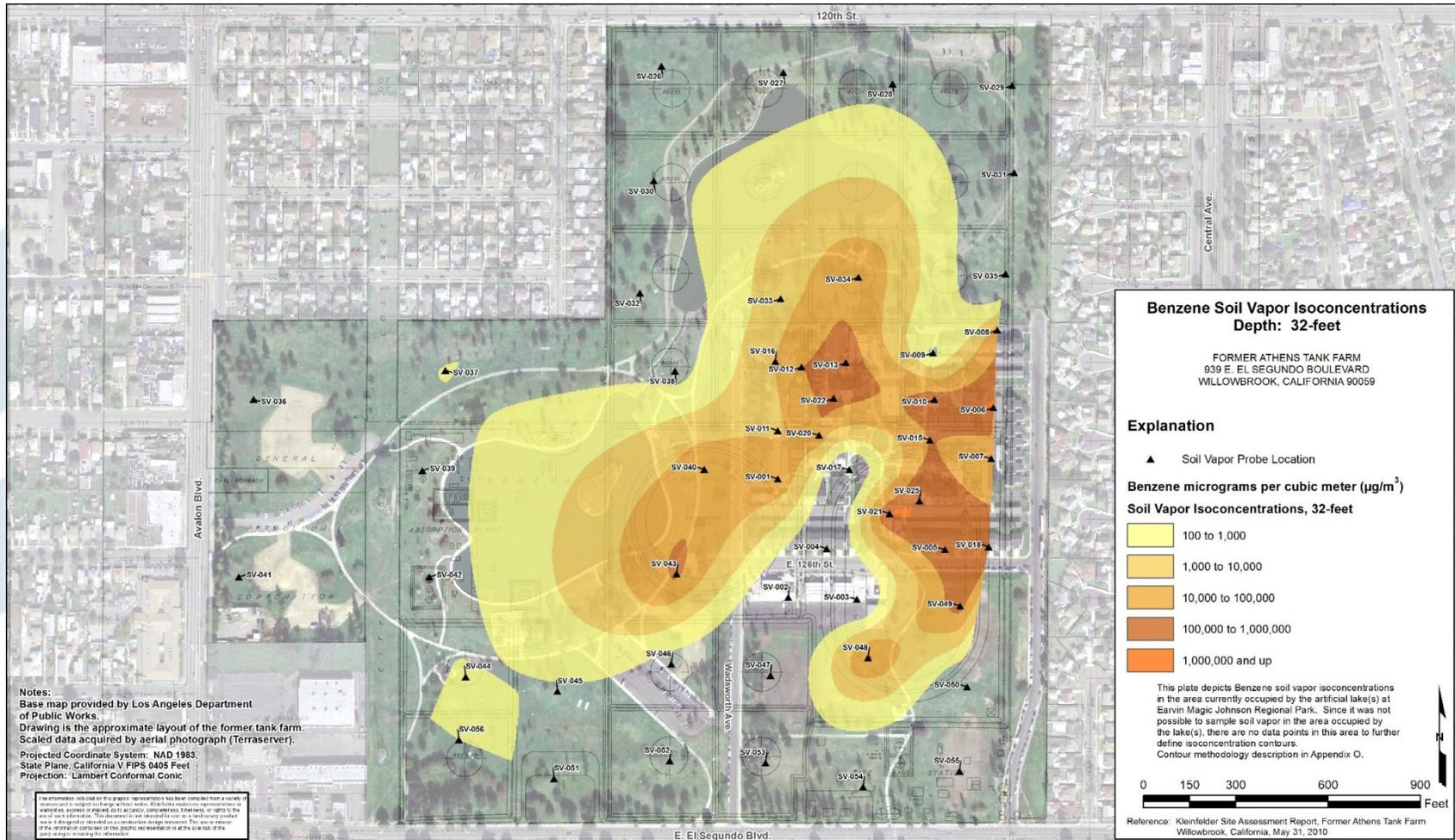
Chemicals of Potential Concern detected in Soil that exceed Soil Screening Levels include:

- Total Petroleum Hydrocarbons
- Benzene
- Naphthalene
- Ethylbenzene; and
- Lead

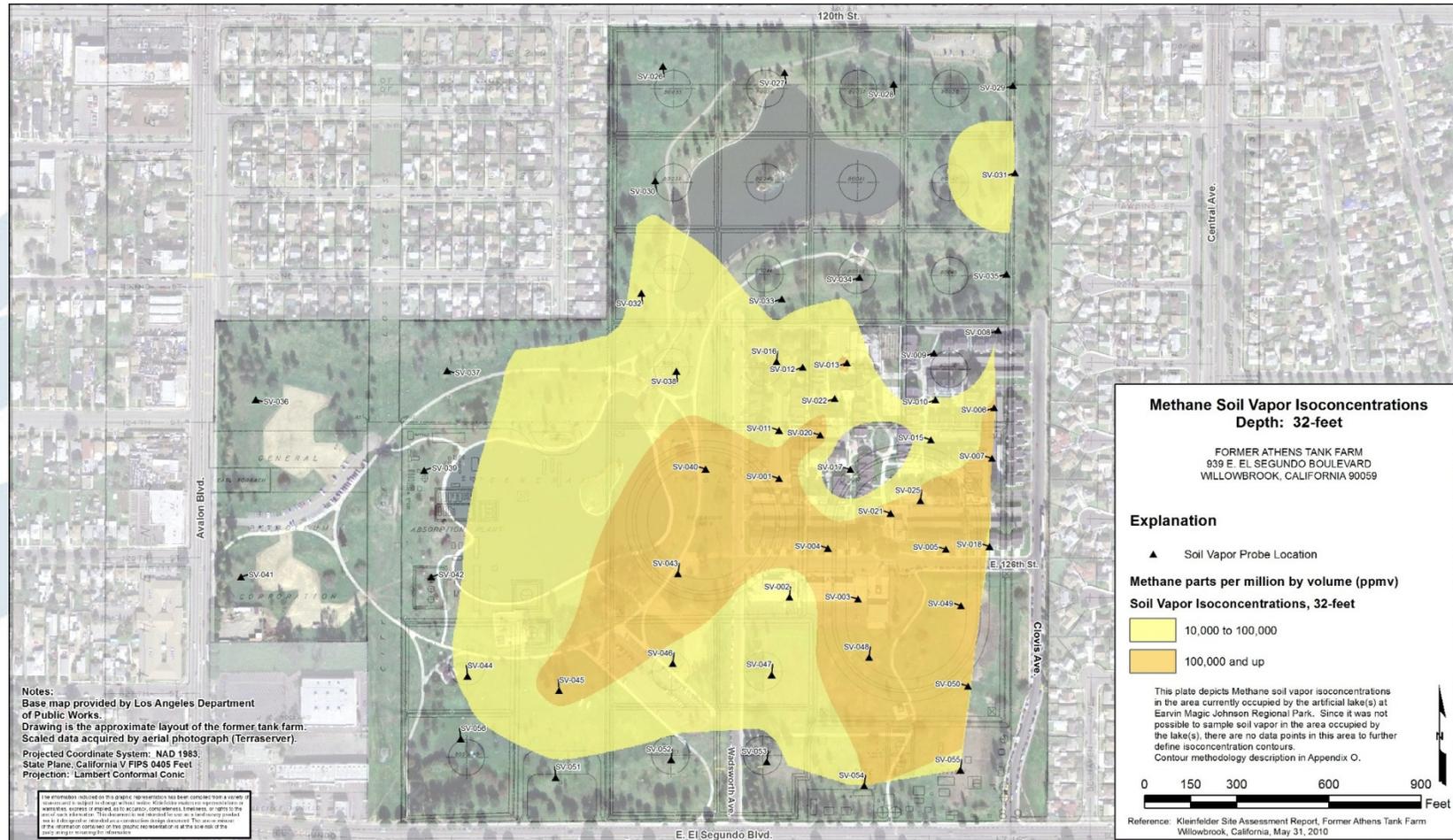
Soil Vapor Assessment Results

- Volatile Organic Compounds exceeding Screening Levels were detected.
- Primary Chemicals of Concern:
 - Benzene
 - Methane
- Methane related documents submitted to the Los Angeles County Fire Department.

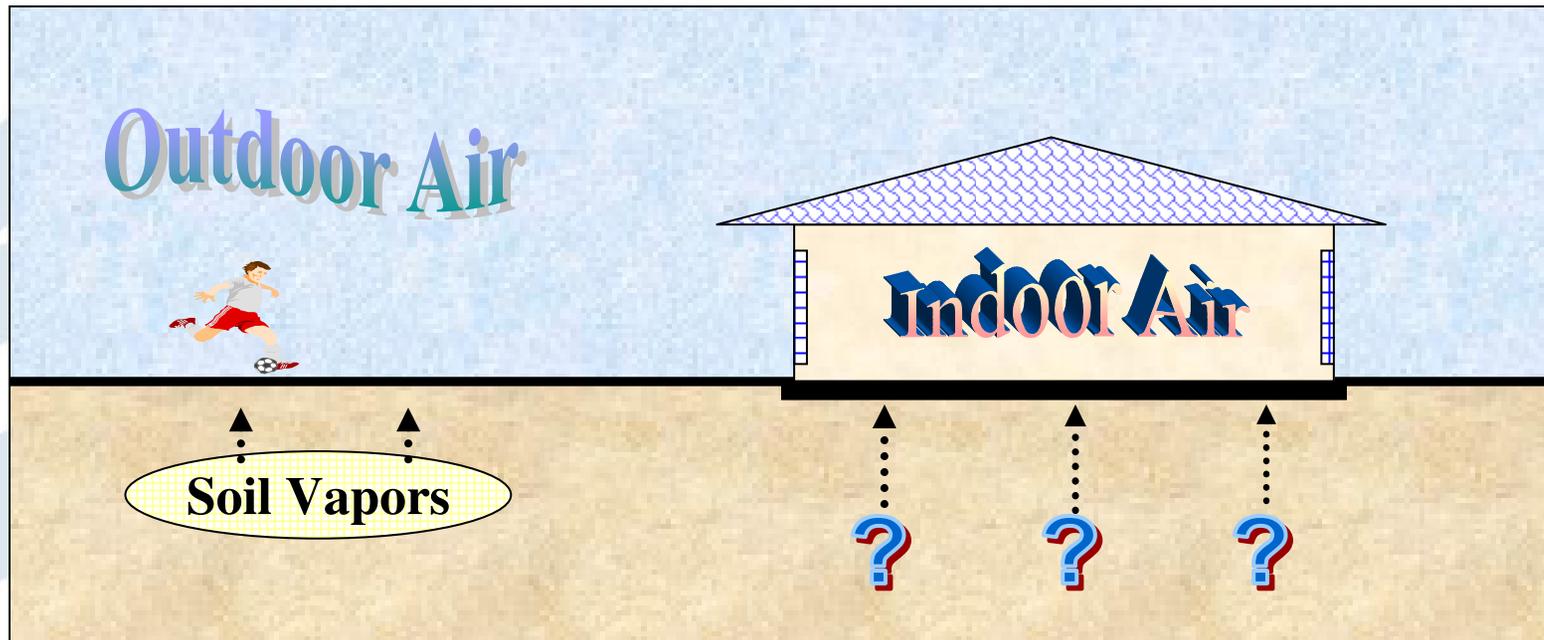
Benzene Concentrations Detected in Soil Vapor Samples-32 Feet



Methane Concentrations Detected in Soil Vapor Samples-32 Feet



What Is Vapor Intrusion?



Under certain conditions, small amounts of soil vapors may accumulate under building slabs and diffuse into the buildings through cracks and openings in the slab.

Groundwater Assessment Results

- Petroleum Hydrocarbon Compounds are detected in groundwater are at depths in excess of 40 feet.
- Due to the depth of groundwater, it is unlikely to come in contact with former Ujima Village residents, park visitors or workers.
- Groundwater not used for drinking water supply or irrigation.
- Drinking and irrigation water is supplied by:
 - Metropolitan Water District
 - Golden State Water Company

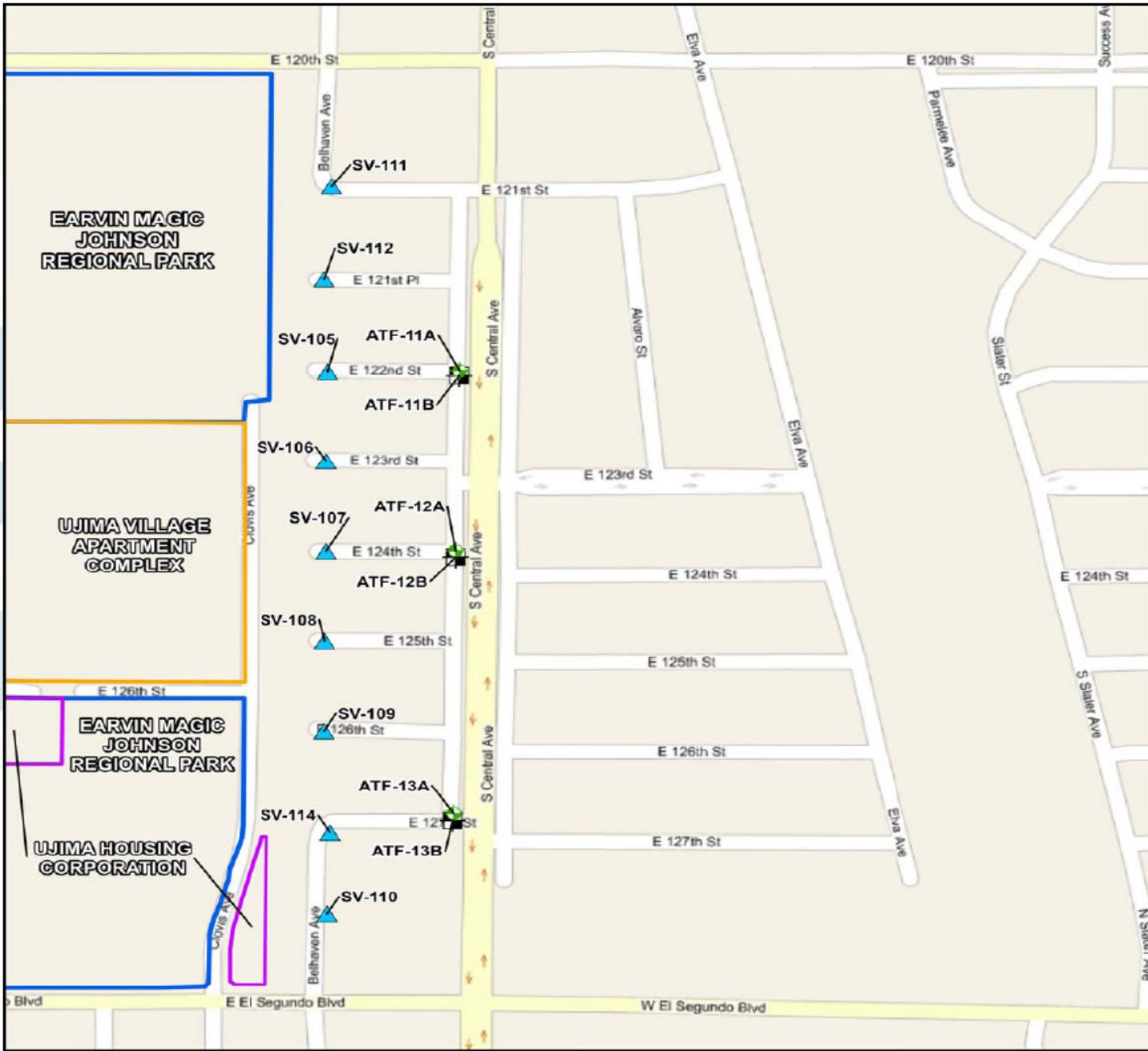
Action Items

Based on the findings to date, Regional Board ordered:

- Soil Vapor Extraction Pilot Testing
- Additional on-site and off-site soil and soil vapor sampling
- Vapor Intrusion Evaluation
- Methane Regulatory Oversight by the Los Angeles County Fire Department

Upcoming Activities

- Off-Site Sampling
 - May 12 – June 10, 2011
- Sampling conducted in Residential Streets East of Magic Johnson Park
 - East 121st
 - East 122nd
 - East 123rd
 - East 124th
 - East 125th
 - East 126th
 - East 127th
 - Clovis Ave.
 - Bellhaven Ave.
 - Frontage road west of Central Ave.



CONTACT

Gita Kapahi

Director of Public Participation

(916) 341-5501 (office)

(916) 216-1126 (cell)

gkapahi@waterboards.ca.gov

Website:

<https://geotracker.waterboards.ca.gov.search.asp>



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