

# Brentwood Dog Park Hazard Assessment

Public Meeting  
November 27, 2006

# Meeting Agenda

- Opening Comments
- Presentation of the Brentwood Dog Park Hazard Assessment
- Public Comments –Questions & Answers

# Opening Comments

- Los Angeles City Councilmember Bill Rosendahl's Office

# Presentation of the Brentwood Dog Park Hazard Assessment

- Michael Noel CIH of Millennium Consulting Associates
- Certified Industrial Hygienist
- Toxicologist
- Project Leader
- Other Members include
  - Certified Health Physicists (CHP)-Chris Miles
  - & Joseph Guido
  - Health Risk Assessor-Dr. James Embree
  - Registered Geologists
  - Registered Hydrologists
  - Professional Engineers

# Historical Perspective

- Some Degree of Low Level Medical Radioisotopes and Medical Waste were buried in the Canyon between VA Los Angeles and the Brentwood Dog Park area during the 1950's – 1960's. Clear records do not exist prior to approximately 1960.
- There are questions regarding possible burial prior to 1950.
- There are questions as to whether other entities buried medical debris or incinerator ash at the site.

# Historical Perspective

- The site has been inspected and assessed on numerous occasions over the last 25 years.
- Determinations have been made that the site presents “no public harm” by several State and Federal agencies.
- Nevertheless, the community still has many questions regarding the long-term safety of the site.

# Remaining Questions

- What radioactive materials were buried at the site and in what quantities and at what locations?
- What chemicals were buried at the site and in what quantities and at what locations?

# Remaining Questions

- What effect did these burial activities have on the surface and ground water?
- What is the potential for pathogenic organisms to be present?



# Remaining Questions

- What effect do these factors have on the current and future health of the community residents and the environment?

# 2006 Environmental Site Assessment

- **Objective:** To conduct a comprehensive site assessment, answer remaining questions and gain closure on the uncertainty regarding potential health issues.

# Scope of Dog Park Assessment

## ■ Phase I

- Comprehensive Radiation Walk-over Survey in:
- Westwood Park (Control Area)
- **Brentwood School Site**
- **Brentwood Dog Park and adjacent playing fields**
- **Canyons next to VA Los Angeles and below Dog Park to confluence.**
- **VA Los Angeles (portions of the Golf Course next to Brentwood School)**



# Vicinity Map

Brentwood Dog Park

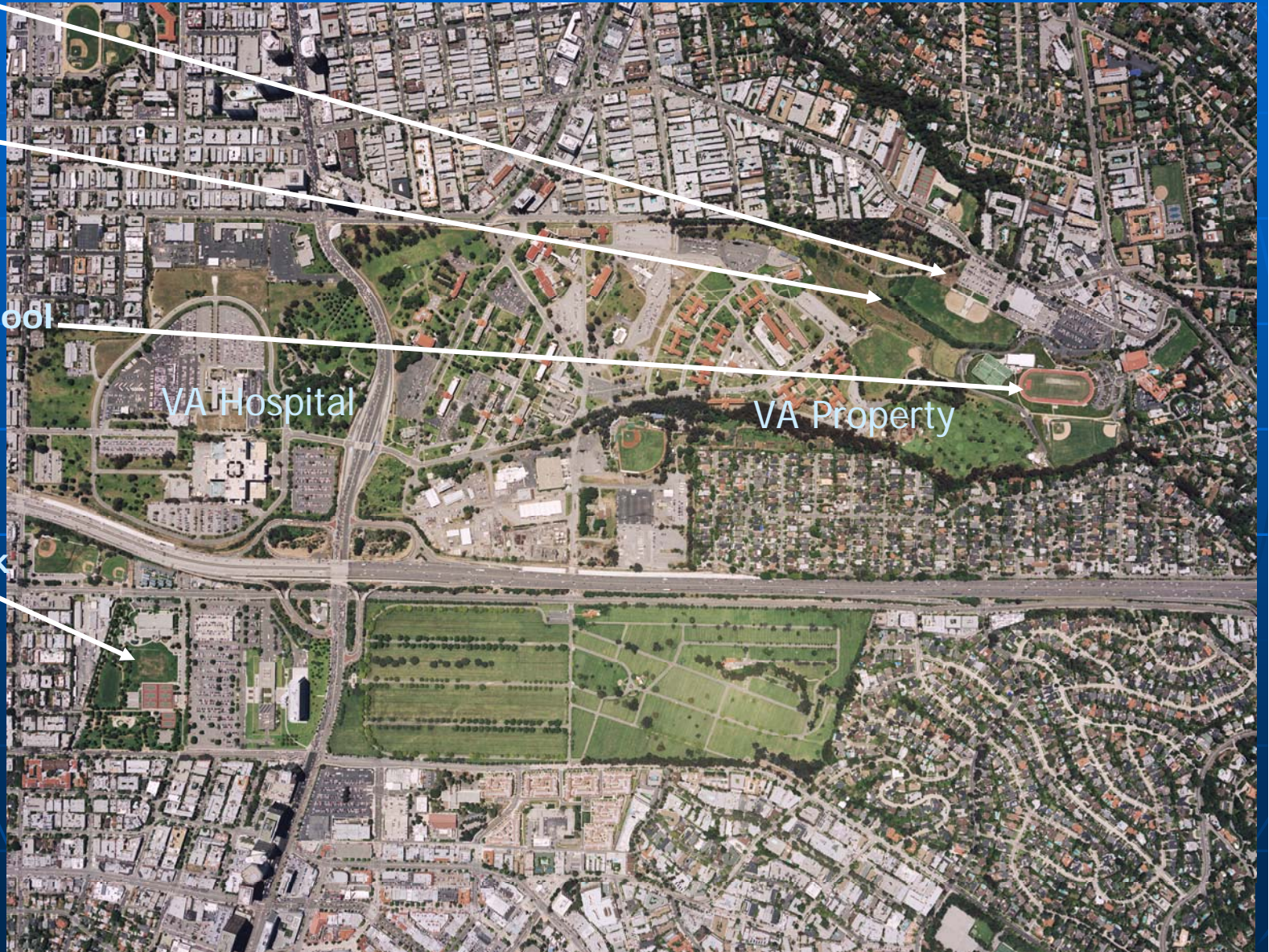
Burial Sites

Brentwood School

VA Hospital

VA Property

Westwood Park  
(Control Site)





# Westwood Park – Control Area





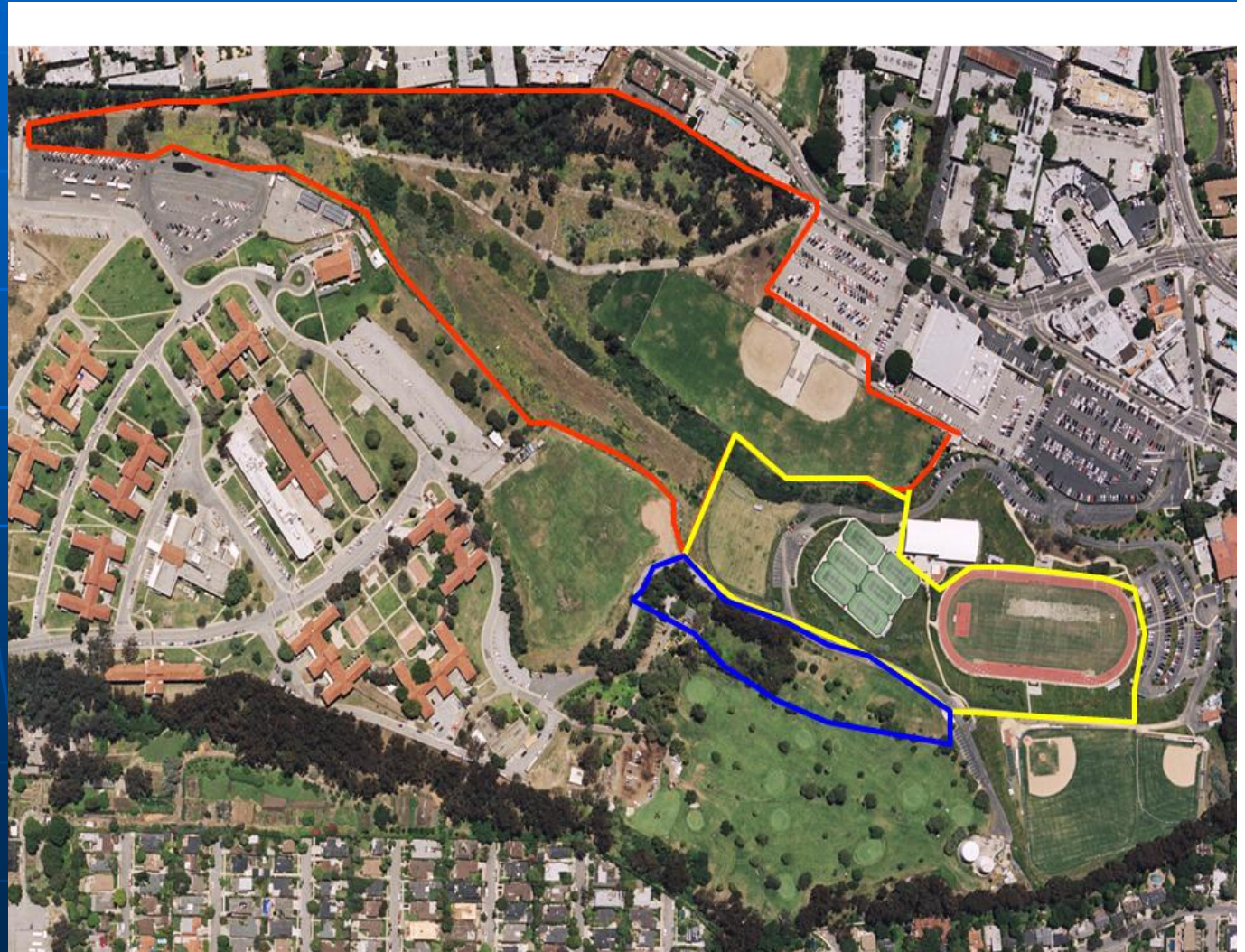
# VA & Adjacent Properties within the Scope of the Assessment-Phase I

**Brentwood  
School Site**

**Brentwood Dog  
Park and  
adjacent playing  
fields**

**Canyons next to  
VA Los Angeles  
and below Dog  
Park to  
confluence.**

**VA Los Angeles  
(portions of the  
Golf Course next  
to Brentwood  
School)**



# Walk-over Survey Process

- Grid off entire site with 10 Meter Grid System
- Record every Grid corner with GPS
- Perform Walk-over Survey of entire Grid with GM Pancake and Sodium Iodide (NAI) Radiation Detectors for:
  - **Alpha Particles** – Low Activity Level (stopped with paper)
  - **Beta Particles** – Low Activity Level (stopped with normal clothing)
  - **Gamma Particles** – High Activity Level (stopped with denser materials such as concrete or lead)

# Walk-over Survey Process- continued

- Mark location and record with GPS any unusual readings above background.
- Marked areas will be physically sampled and analyzed for specific types of radiation. Samples sent to an independent certified laboratory able to identify radioactive isotopes.
- Additional follow-up may be necessary including soil borings.



# Walk-over Survey Process- continued

- All Survey data and Sampling data will then be compiled to yield a risk assessment for Radioactive surface contamination.
- Data will be presented in a second Public Meeting.
- Phase II planning and implementation will proceed.

# Hazard Assessment-Phase II

## ■ Phase II

- Subsurface investigation and sampling will commence in and around the known disposal areas in the canyon between the VA and the Brentwood Dog Park.
- Any additional suspect areas will be investigated and subsurface sampling may be performed.

# VA & Adjacent Properties within the Scope of the Assessment-Phase II

# Brentwood Dog Park and adjacent playing fields

**Canyons next to  
VA Los Angeles  
and below Dog  
Park to  
confluence.**

**Other Areas as Indicated by Results of Inspection and/or testing.**



# Phase II Objectives

- Conduct a Comprehensive evaluation of the Hydrology (surface and subsurface water movement) to and through the site.
- Install Monitoring wells as necessary to properly evaluate water quality.
- Conduct Water Testing initially and repeat at a **To Be Determined** schedule.



# Phase II Objectives-continued

- Perform subsurface drilling and evaluation of soil cores for radiation and chemical contamination.
- Drilling, sampling and evaluation will occur throughout the Phase II area indicated in prior slide.
- Multiple samples will be obtained to provide statistical reliability in the collected data.

# Phase II

- Data will be compiled and a risk assessment performed by Dr. James Embree.
- Results will be discussed with the community at a Public meeting.

# Question and Answer Session

