

Upper Los Alamos Canyon Project Public Meeting

June 25th, 2008

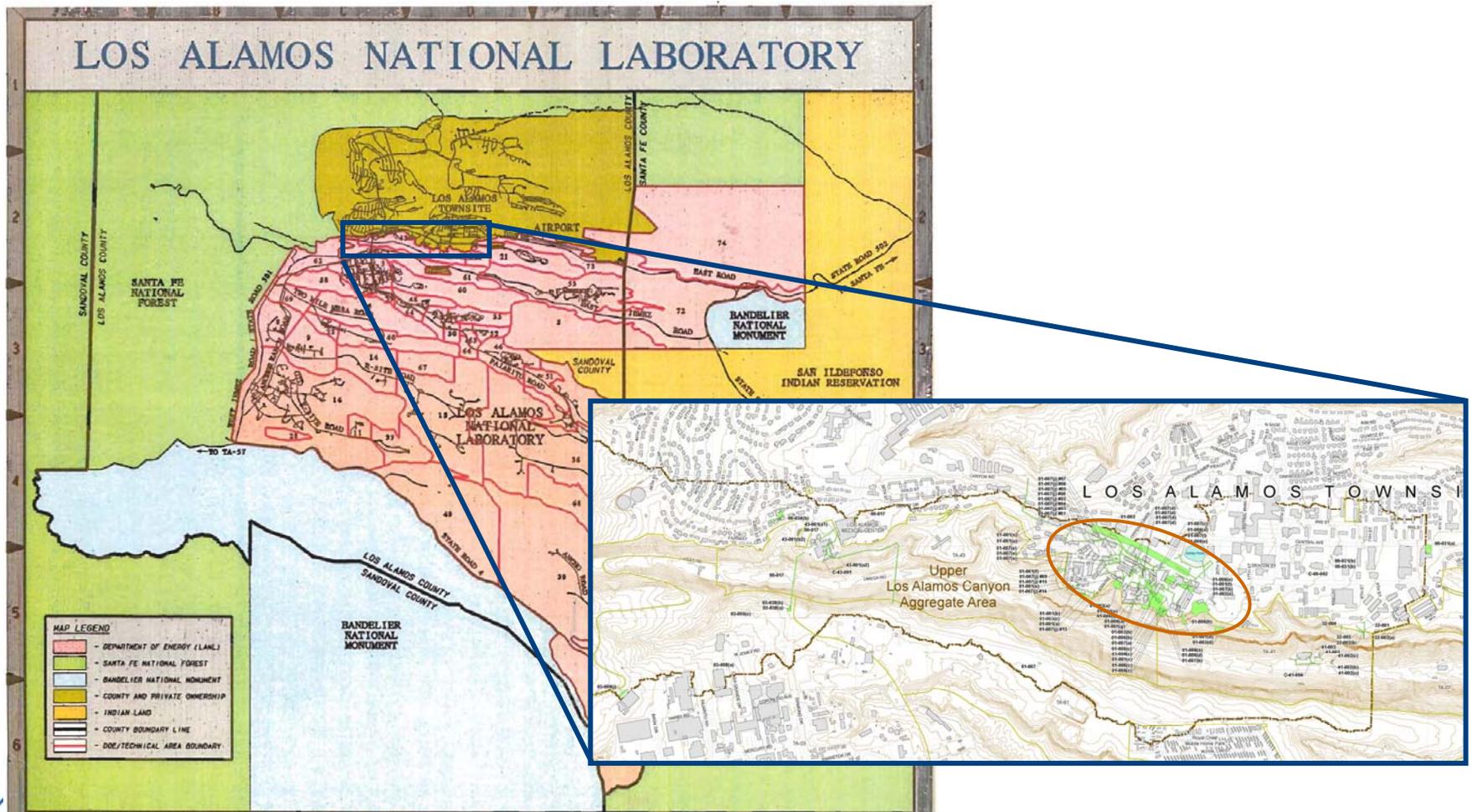
Fuller Lodge

Los Alamos

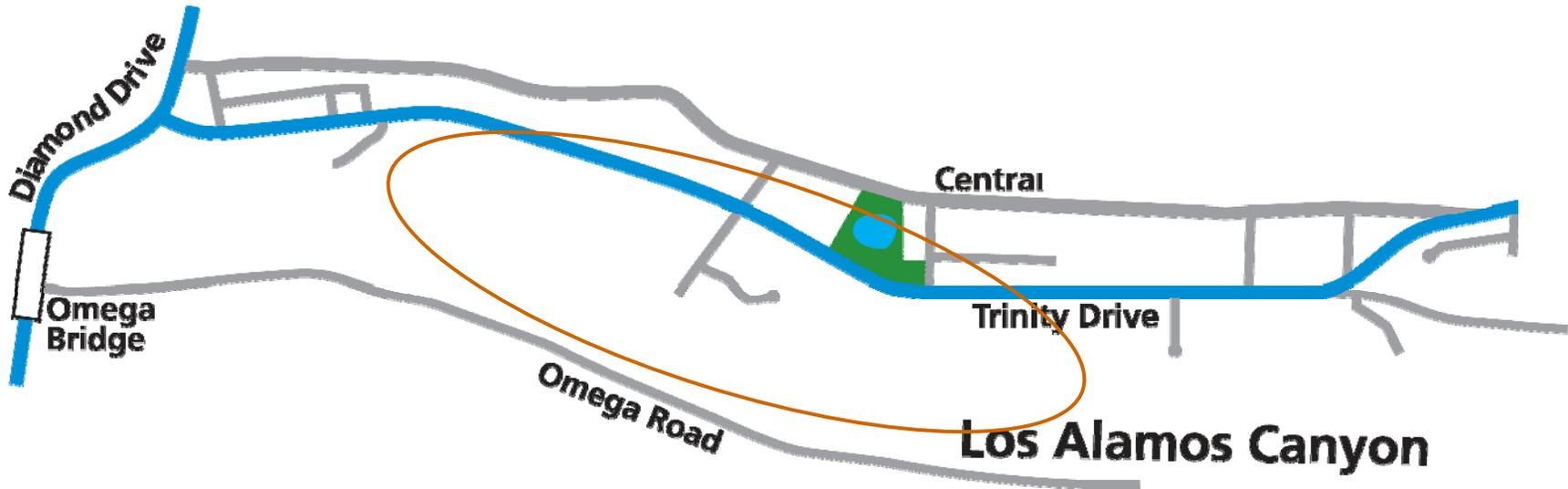
Introductions

- Gordon Dover – Corrective Actions Program Manager
- Dave McInroy – Deputy Program Manager
- Becky Coel-Roback – Project Leader
- Lorrie Bonds Lopez – Outreach & Public Involvement

Upper Los Alamos Canyon Project Location



Upper LA Canyon Former TA-01 Work Site



Site History

- Technical Area (TA) 01 was the main TA of the lab
- Built in 1943 during WWII as part of Manhattan Project
- Most technical work transferred to other locations by 1965

Site Operations Included

- Radiological research
- Wet chemistry experimentation
- Uranium and plutonium processing, purification, and recovery
- Casting, machining, metallurgy, and other industrial operations

Completing Yesterday's Mission



1947

Ashley Pond and Technical Areas

TA-01 Over the Years



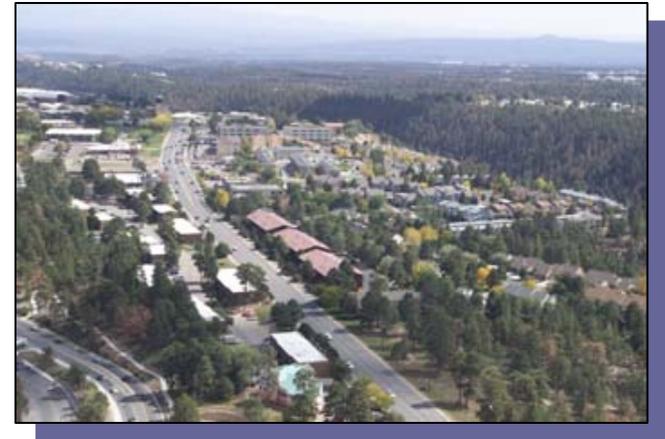
1947



UNCLASSIFIED

Operated by Los Alamos National Security, LLC for NNSA

LA-UR-07-7435



2004

Slide 8



1953 – 1974: Dismantling TA-01

- 1945: Plutonium operations moved to DP Site
- 1953: Phased decontamination and decommission activities began
- 1953–1959: Structures in the eastern portion razed
- 1959: Industrial waste lines and contaminated concrete pads removed
- 1965: Structures in the western portion razed
- 1965: Industrial waste lines removed

1974 – 1979 Investigation and Cleanup

- 1974 – 1979: Ahlquist Radiological Survey identified three areas of focus for decontamination
 - Areas with plutonium contamination
 - Former industrial waste lines
 - Areas with uranium contamination
- 1977: 15,000 m³ of contaminated material removed
- Residential and commercial development increased

1992 – 1997 Investigation and Cleanup

- New environmental regulations enacted
- Phased investigation, sampling, quantitative risk assessments performed
- 68 solid waste management units identified
- Hillsides, septic outfalls, dumps, sanitary waste line leaks remediated



New Mexico Compliance Order on Consent

- Consent Order signed on March 1, 2005, by New Mexico Environment Department, Department of Energy, University of California (UC), and New Mexico Attorney General
- UC responsibilities assumed by Los Alamos National Security, LLC on June 1, 2006
- Consent Order sets formal schedule with milestones and penalties for missed deadlines

Project Objectives

- Protect human health & the environment
- Comply with Consent Order requirements
- Determine nature & extent of any residual contamination
- Evaluate potential risk to human health and environment
- Obtain NMED concurrence that the sites require no further action

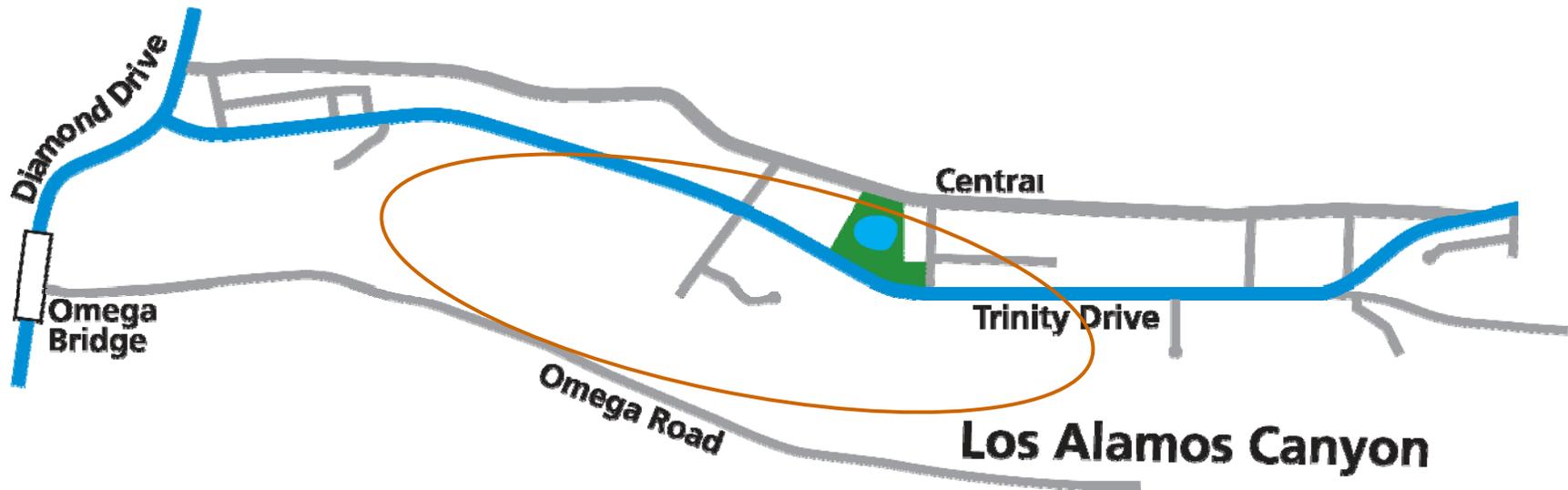
Upper LA Canyon Project

- Encompasses eight technical areas
- Total of 115 sites required evaluation (solid waste management units or areas of concern)
 - 54 sites require no further action
 - 61 sites are addressed in the work plan
 - More than half the sites are in former TA-01

Areas to Investigate

- Septic tanks and outfalls
- Sanitary and industrial waste lines
- Drainlines, storm drains, and outfalls
- Sites with potential soil contamination
- Landfills

Upper LA Canyon Former TA-01 Work Site



Planned Investigation Work

- More than 700 samples planned
- Sampling locations approved by NMED
- Locations provide information about subsurface conditions
- Locations planned to minimize effects on residents, businesses, and day-to-day traffic
- Samples will be analyzed for radionuclides & chemicals

Access Agreements

- Work will be performed on private property only with land-owner permission
- Permission will be requested in the form of a written access agreement
- Specific information about the work is available in the Integrated Work Plan, available at:

http://www.lanl.gov/environment/cleanup/upper_la.shtml

Work Practices

- Ensure public safety
- Ensure active communication
- Minimize disturbance to local residents and business
- Observe county noise restrictions and traffic-control requirements
- Restore work sites

Sampling



Drilling



Core sampling

Sampling



Hand Auger

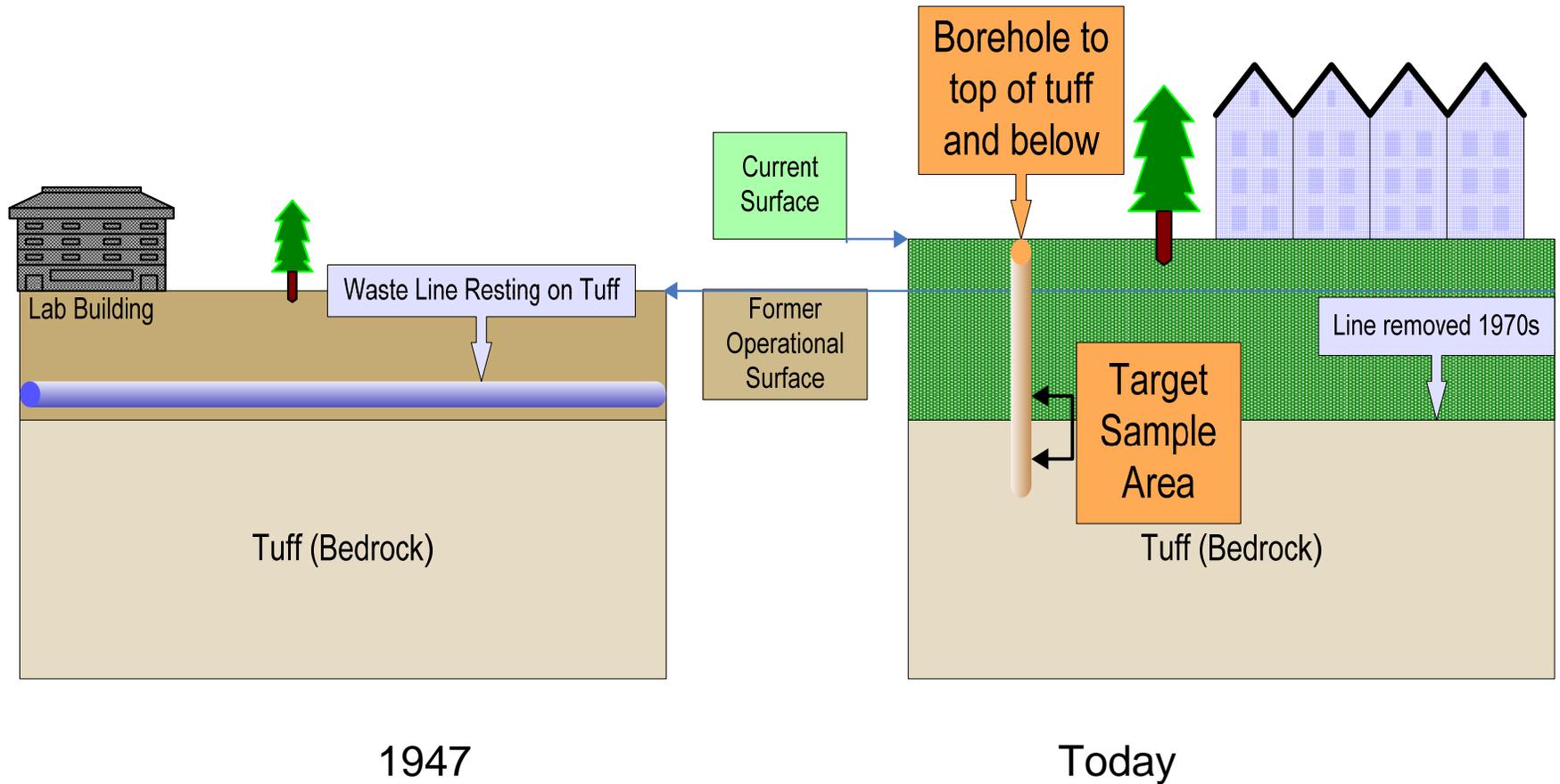


Power Auger



Hand sampling

Sampling



Project Schedule

- June 2008: Complete contractor selection
- July 2008: Mail access agreements
- August 2008: Sampling begins
- Winter 2008: Sampling complete
- Late winter 2009: Final sample analysis complete
- May 31, 2009: Submit Investigation Report to NMED

We will meet with landowners as needed to answer specific questions throughout the project.

Public Involvement

- Meetings
 - November 2007: Property owners and residents
 - January 2008: General public
 - May 2008: General Public
 - Summer 2008: Individuals and landowner groups upon request
- For more information contact
 - Lorrie Bonds Lopez 505-667-0216
 - envoutreach@lanl.gov
- Or visit our web site at

http://www.lanl.gov/environment/cleanup/upper_la.shtml

Upper Los Alamos Canyon

Questions?

Thank You