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Author(s): Haagenstad, Harvey T
Martinez, Kaitlin M

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Townsites

Legacy Site Cleanup

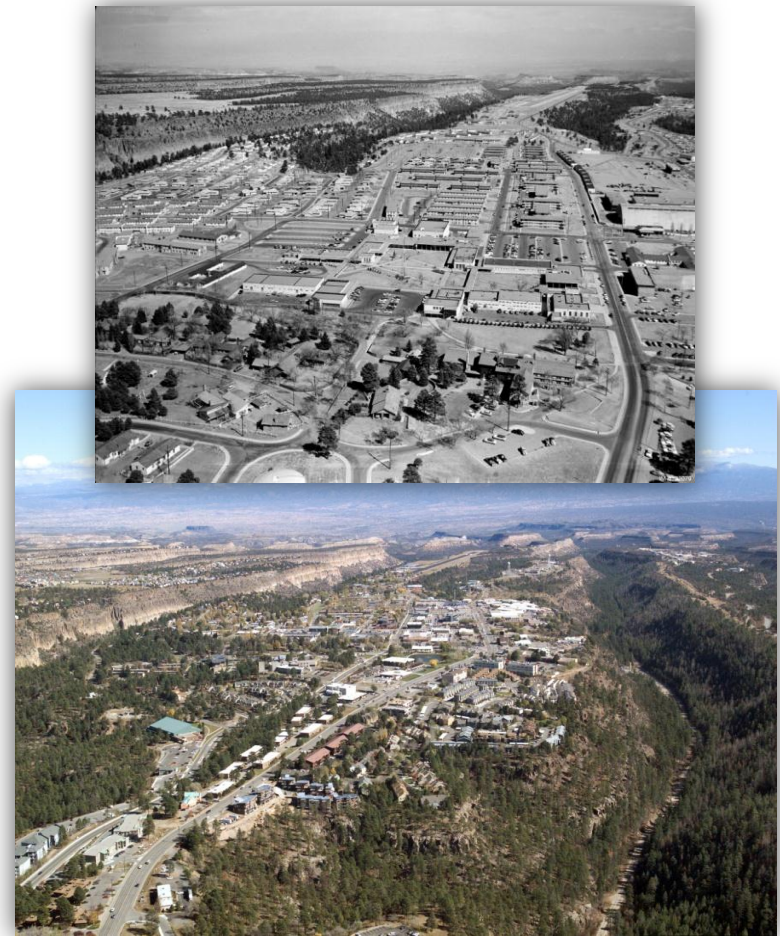
Corrective Actions Program

Todd Haagenstad
Environmental Project Manager

LANL Environmental Programs

Townsites Overview

- Non-DOE properties
 - Los Alamos County and private property
 - Other Federal (U.S. Forest Service)
- Los Alamos Townsite
 - Early legacy site footprint
 - Four aggregate areas
 - Upper Los Alamos (actively investigating)
 - Middle Los Alamos
 - Pueblo
 - Rendija/Barrancas/Guaje
 - Total of 292 sites
 - 224 complete, 59 in process, nine delayed
- TA-57 Fenton Hill (US Forest Service)
 - Two sites remaining

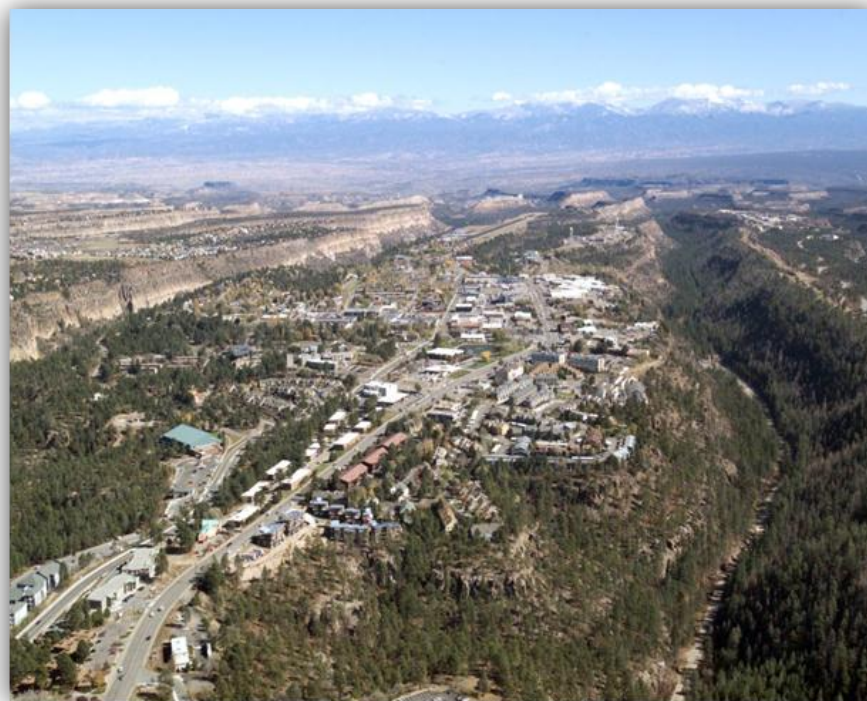


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Historical Perspectives



TOWNSITES 1940 - 1950



MODERN TOWNSITES

LANL Environmental Programs

Historical Perspectives



ASHLEY POND AND TECH. AREAS

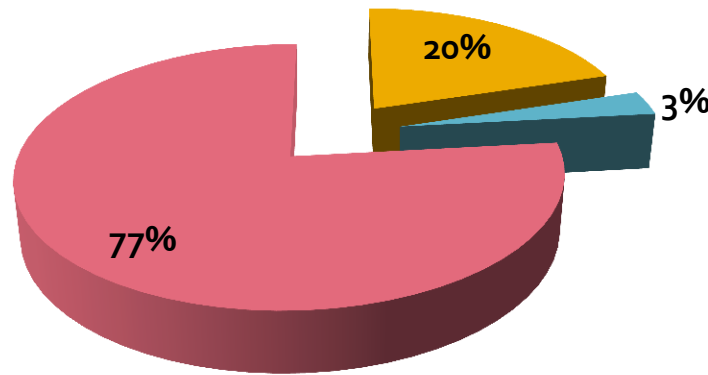


MODERN ASHLEY POND

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Progress

■ Under investigation ■ Delayed ■ Completed



AGGREGATE AREA	TOTAL NUMBER OF SITES	NUMBER OF SITES UNDER INVESTIGATION	NUMBER OF SITES DELAYED	NUMBER OF SITES COMPLETED
Bayo Canyon	32	0	0	32
Frijoles Canyon	6	0	0	6
Guaje/Barrancas/Rendia Canyons	10	0	1	9
Middle Los Alamos Canyon	71	40	0	31
Pueblo Canyon	44	0	0	44
TA-57, Fenton Hill (Lake Fork)	10	2	0	8
Upper Los Alamos Canyon	119	17	8	94
TOTAL	292	59	9	224

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Context

- Safety first!
 - Protecting human health and the environment
- Nature of sites
 - Footprint of old buildings (all gone)
 - Septic tanks and waste lines
 - Legacy outfalls
- Contaminants of concern
 - Radionuclides
 - Inorganics and organics
- Location of sites
 - Developed areas of Townsite
 - Canyon edges and slopes



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Opportunities and Challenges

- Opportunities
 - Protection of human health and the environment
 - Stakeholders perceive work as highly “visible” and positive
 - Facilitates land use and economic development on non-DOE properties
- Challenges
 - Contaminants not associated with DOE operations (nature – e.g., PAHs)
 - Canyon rim and canyon slope cleanups
 - Administrative completion of sites (e.g., controls on non-DOE sites)

