

Request for Four Class 2 Permit Modifications

Los Alamos National Laboratory Hazardous Waste Facility Permit
Public Information Meeting

Water Quality & RCRA Group

May 2007

LA-UR-07-3121

Permit Modification Request Submittal Contents

- Introduction – Summary the permit modifications and the location of the storage areas.
- Redline/strikeout format version of the edited Module III, closure plans, Attachment F, and Attachment G.
- Clean format version of the proposed new Module III, closure plans, Attachment F, and Attachment G.
- Figures showing physical changes at each of the units.

Proposed Modifications

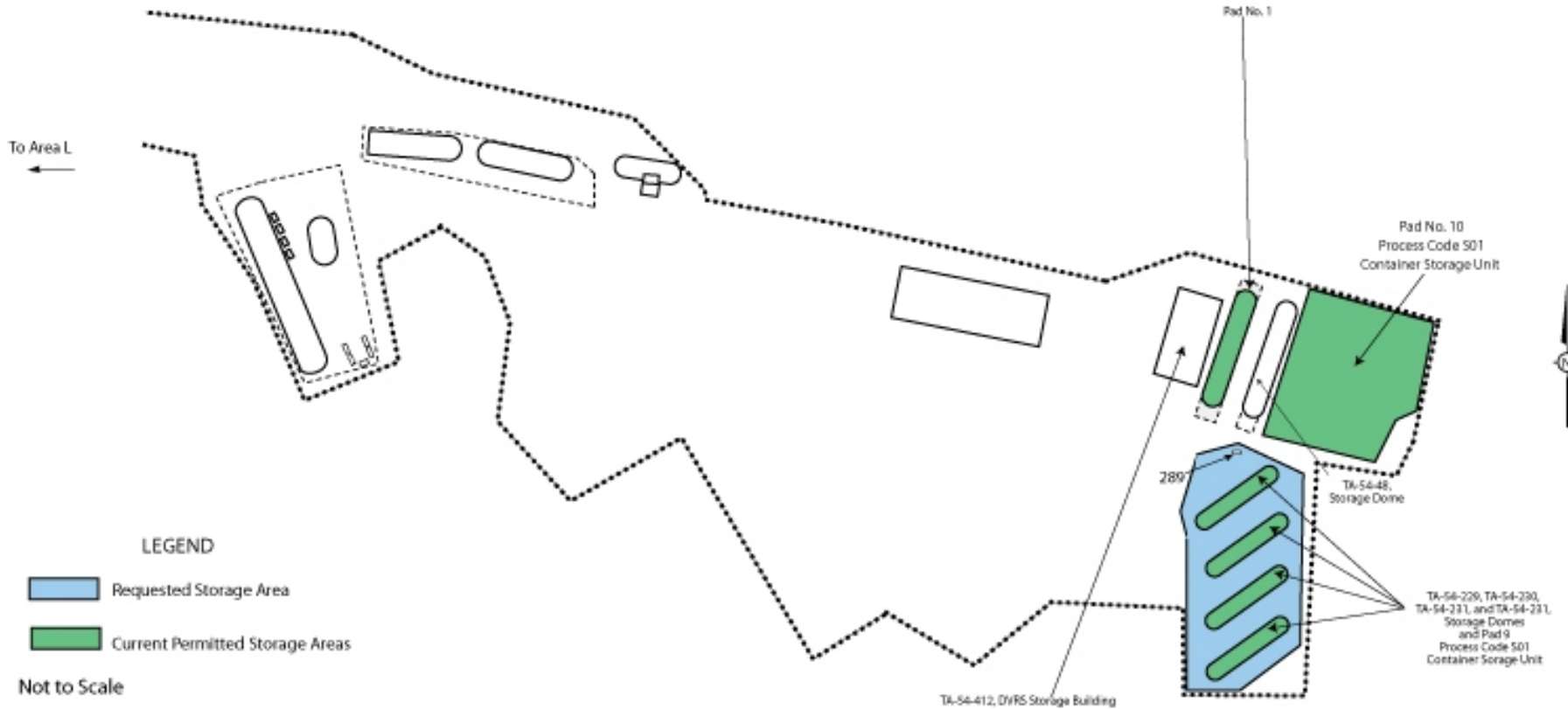


1. Storage of containers within modular buildings or transportainers on Pad 9 at Technical Area (TA) 54, Area G.
2. Storage of containers that potentially contain free liquids at TA-54, Area G within Dome 231.
3. Change the footprint of the container storage unit outside TA-54-38 (TA-54 West) and allow for storage within modular buildings or transportainers, temporarily in payload configurations, and within loaded waste trucks prior to transport.
4. Movement of modular buildings and a canopy from the north side of TA-54, Area L to the south side.

First & second proposed modifications

- Storage on Pad 9 within modular buildings or transportainers at TA-54, Area G.
 - Temperature stabilization for containers undergoing transuranic (TRU) characterization procedures.
- Storage of containers that potentially contain free liquids within Dome 231 at TA-54, Area G.
- Increases efficiency of the TRU waste characterization program.
- Does not increase the amount of wastes to be stored within the area.



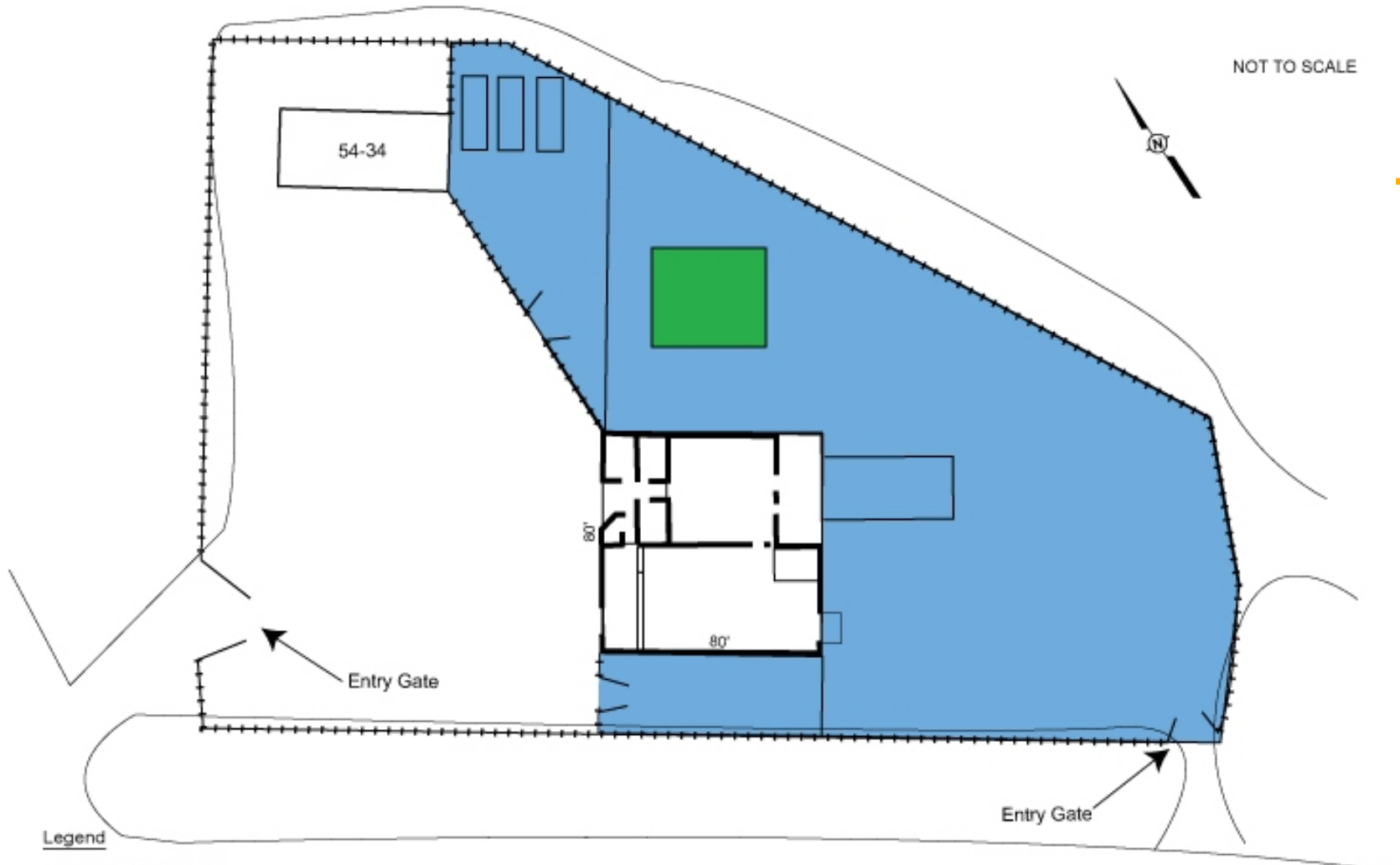


Third proposed modification

- Footprint change for the outside container storage unit at TA-54 West.
- Allow for storage within modular buildings or transportainers, temporarily in payload configurations and within loaded waste trucks prior to transport.
- Improves efficiency, resolves transport issues, and increases the opportunity for covered storage within the bermed fenced area at TA-54-38.
- Does not increase the amount of waste that can be stored in the unit or change the types of wastes stored at the area.



NOT TO SCALE



Legend

- ***** Security Fence
- ∧ Gate
- Proposed Container Storage Area
- Current Container Storage Area

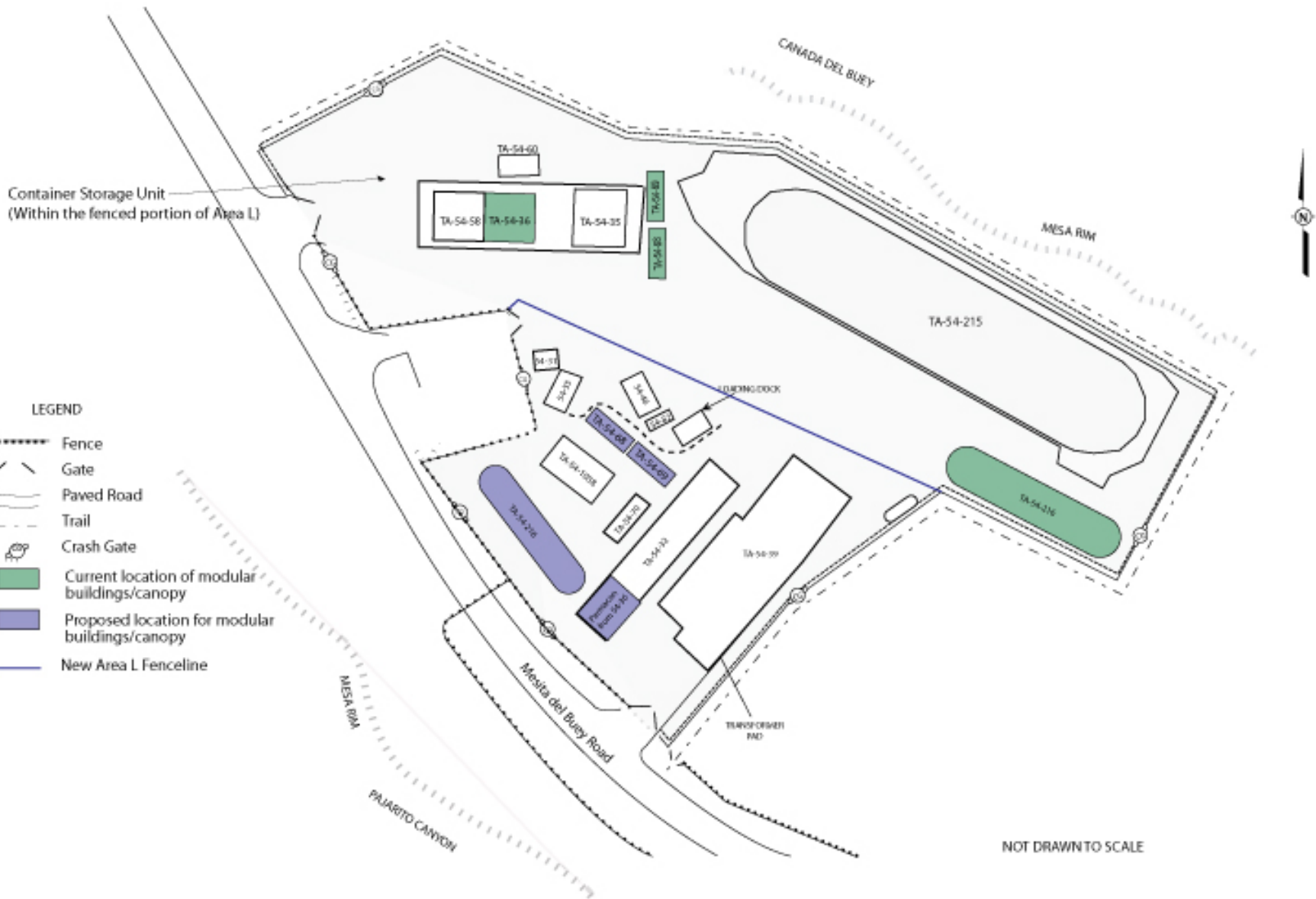
Proposed modifications at TA-54, Area G & TA-54-38

- Proposed changed sections of the permit:
 - Module III- Storage in containers requirements
 - Attachments E.3, E.10, and E.12- Closure plans for units
 - Attachment F- Container management
 - Attachment G- Authorized wastes
- Changes associated with proposed modifications have been incorporated in the LANL permit renewal documentation.
- Proposed text changes have been kept to a minimum.

Fourth proposed modification



- Movement of modular buildings and a canopy from the north side of TA-54, Area L to the south side.
- Enables the closure and corrective action activities of the land disposal units at TA-54, Area L while waste storage activities continue.
- Does not increase the amount or change the types of wastes to be stored at TA-54, Area L.
- Modification is requested to be applied to LANL's permit renewal application documentation.



NMED Contact for Public Comment

- Copies of the proposed permit modification are available for public review at:
 - New Mexico Environment Department, Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303
Contact: John Kieling, 505-476-6000
john.kieling@state.nm.us
 - Public Reading Room, LANL Research Library
Robert Oppenheimer Study Center
Technical Area 3, Building 207
West Jemez Road at Casa Grande
Los Alamos, NM 87545
Contact: Jack Ellvinger, 505-667-0633
jee@lanl.gov
- Web address:
http://www.lanl.gov/environment/waste/permit_mods.shtml