

Pit Storage Activities

The storage of 20,000 pits planned under the Proposed Action would use existing storage space in Zone 4. Therefore, no land resources, including agriculture, floodplains, and wetlands, would be affected.

Environmental Restoration Activities

Environmental restoration activities will have a long-term impact on land resources. Some remediation activities (e.g., soil removal) may temporarily restrict the use of land resources but the cleaned-up lands would then be available for other uses.

Waste Management Activities

Waste management activities would not use any additional land under this alternative than is currently used. Impacts are therefore considered negligible.

4.4.2.2 *Impacts of New Facility Construction and Upgrades*

Under the Proposed Action, six facilities are to be constructed or modified in or adjacent to

Zones 11 and 12, in areas that have been previously disturbed. The area required for these facilities is provided in Table 4.4.2.2–1. The total area required for these projects amounts to 15,902 square meters (171,160 square feet), which is 0.04 percent of the DOE-owned property on Pantex Plant Site. Impacts on land resources are therefore considered negligible.

4.4.2.3 *Summary of Impacts*

Continued operations at Pantex Plant would not disturb any new lands; land disturbed by the construction of the new facilities under the Proposed Action amounts to 0.04 percent of the DOE-owned property on Pantex Plant Site. Additional impacts to agriculture and industry in the ROI are not anticipated. Impacts on land resources are therefore considered negligible.

4.4.3 *Impacts of the No Action Alternative*

Impacts to land resources at Pantex Plant as a result of continued operations, environmental restoration, and waste management under the No Action Alternative are expected to be similar

TABLE 4.4.2.2–1.—*Proposed Facility Construction and Modification for the Proposed Action*

PROPOSED CONSTRUCTION/ MODIFICATION	LOCATION	REQUIRED AREA m² (ft²)
Hazardous Waste Treatment and Processing Facility	Adjacent to Zones 11 and 12	2,648 (28,500)
Pit Reuse Facility	Zone 12	494 (5,314)
Gas Analysis Laboratory	Adjacent to Zone 11	2,537 (27,304)
Materials Compatibility Assurance Facility	Adjacent to Zone 11	2,015 (21,690)
Nondestructive Evaluation Facility	Zone 12	3,734 (40,196)
Metrology and Health Physics Calibration and Acceptance Facility	Zone 12	4,474 (48,156)

Source: PC 1995g