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and the compounds for which they have been established are listed in Tables 10-1 through 10-7.

10.2 DESCRIPTION OF REMEDIAL COMPONENTS

The following subsections describe the Removal - Disposal and No Action alternatives developed by the USAF for OU 13.

10.2.1 Removal - Disposal

The following paragraphs describe the Removal - Disposal alternative the USAF developed for areas that exceed remediation goals. These areas have been identified to include the FLDD, FLDD Wetland, EBGB (from Pennsylvania Road to the Ski Chalet), north and south NDA Drainageways, Ditch G06, and UTS Wetland (northern portion). Implementation of the selected alternative will include the following activities:

- pre-design studies to delineate the extent of remediation for design purposes;
- pre-design wetland mitigation studies (i.e., wetland delineations and function-value assessments) to evaluate the impacts resulting from remedial activities;
- site preparation and mobilization;
- cutting and clearing;
- stormwater management;
- sediment excavation;
- sediment disposal at LF-3; some material may require disposal at off-base facilities;
- backfilling the excavations with material that closely matches the excavated material;

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collected during the pre-design studies. The estimated volumes presented in the FS for each area are as follows:

FLDD	8,520 cy
FLDD Wetland	36,100 cy
EBGB	38,300 cy
NDA Drainageways	5,370 cy
Ditch G06	200 cy
UTS Wetland	4,600 cy
TOTAL VOLUME APPROXIMATELY	93,090 cy

Sediment Disposal. Soil and sediment removed from the areas will be loaded into dumptrucks and transported to LF-3 for disposal as subgrade material prior to construction of the LF-3 landfill cover system. In accordance with the OU 2 ROD, subgrade material may not be used if it is determined to be hazardous and subject to RCRA LDRs; therefore, some excavated material may require disposal at an off-base licensed facility.

Backfilling Excavations. The excavations will be backfilled and regraded to the approximate configuration of the original areas. As part of the pre-design activities, a borrow study will be conducted to identify suitable backfill. Backfill materials will be selected to closely match the existing soils in terms of soil type, particle size gradation, organic content, and stream structural components (e.g., logs and branches).

Compensatory Wetlands Mitigation and Demobilization. Compensatory wetlands mitigation will be implemented according to the final mitigation plan. A wetlands scientist will monitor implementation of the final mitigation plan. To comply with MPP criteria for restoration of wetlands, the following ratios of restored to impacted wetland will be included in the final mitigation plan:

- 1.15:1 for restoration in Class II or Class III wetlands
- 2:1 for restoration in Class I wetlands

The actual extent of wetlands requiring mitigation will be presented in the mitigation plan. The FS estimated approximately 29 acres of wetlands would be impacted as

FINAL

Loring Air Force Base

**Operable Unit 13 (OU 13)
Record of Decision**

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(207) 328-7109**

Prepared by:

**Service Center: Hazardous Waste Remedial Actions Program
Oak Ridge, Tennessee 37831-7606**

**Contractor: ABB Environmental Services, Inc.
Portland, Maine 04101**

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