

The 1997 construction quantities are presented in Table 3.7-2. The 1997 construction season sites are:

- North and South NDA Drainageways,
- UTS Wetland,
- G06 Ditch,
- FLDD,
- FLDD Wetlands,
- Upper portion of EBGB, and
- Stormwater drainlines discharging to these locations.

The remaining OU-13 remedial action construction and demobilization was completed in the 1998 construction season (BEI, 1999). The 1998 activities included the removal and disposal of contaminated sediments from the lower portion of the EBGB and two segments of Greenlaw Brook downstream of the Ski Chalet. As in 1997, wetlands restoration immediately followed confirmation of RG attainment. Construction quantities for 1998 are presented in Table 3.7-3.

Compensatory wetlands mitigation for all CERCLA related wetlands impacts, including OU-13 was accomplished in 1999 through completion of the East Loring Lake Wetlands project (BEI, 2000).

The first year of long-term environmental and wetlands mitigation monitoring was conducted in 1999 in accordance with the *OU-13 Long-Term Monitoring Plan (LTMP)* (HLA, 1998). The results will be reported in the first annual wetlands monitoring report due in February 2000.

The fish advisory was implemented in May 1996 by DHS and remains in effect. It cannot be removed without concurrence of DHS.

3.7.4.1 Performance Assessment

The remedial action construction activities, including in-place in-kind wetlands restoration at the OU-13 sites has been complete for one or two years. The restored wetlands are meeting remedial objectives for success as demonstrated by plant survival and wildlife observation data presented in the first annual environmental and wetlands mitigation report (MW, 2000). The first round of macroinvertebrate tissue sample results was nondetect for all analytes in all samples (MW, 2000). The sampled odonates represent a significant prey item for fish affected by the OU-13 sites. These data present strong evidence that the successful removal

and disposal of contaminated sediments from the OU-13 sites will result in reduced contaminant concentrations in Loring impacted fish.

3.7.4.2 Standards Assessment (ARARs)

The OU-13 remedy meets Federal and State ARARs.

Chemical Specific ARARs

Table 11–1 of the *OU-13 ROD* (ABB-ES, 1997b) presents the chemical-specific ARARs. The Federal Clean Water Act Ambient Water Quality Criteria (CWA AWQC) were used to develop risk-based sediment RGs. The relevant AWQCs have not changed.

Location Specific ARARs

Table 11–2 of the *OU-13 ROD* (ABB-ES, 1997b) presents the Location Specific ARARs. The remedial action impacts to and restoration of affected wetlands on the OU-13 sites was conducted in accordance with the administrative requirements of all applicable Federal and State regulations regarding management of wetlands. Restored wetlands and compensatory wetlands will be monitored and maintained in accordance with all applicable Federal and State regulations regarding management of wetlands.

Action Specific ARARs

Table 11-3 of the *OU-13 ROD* (ABB-ES, 1997b) presents the action-specific ARARs. The removal and disposal of contaminated sediments from the OU-13 sites was conducted in accordance with all applicable Federal and State regulations regarding management of solid waste, hazardous waste and PCB-contaminated sediments.

3.7.5 RESULTS AND RECOMMENDATIONS

3.7.5.1 Results

All the short-term components of the OU-13 remedy are complete and immediate threats have been addressed. The long-term components of the remedy selected for OU-13 (i.e. Fish Advisory, LTM) are expected to be protective of human health and the environment upon completion.

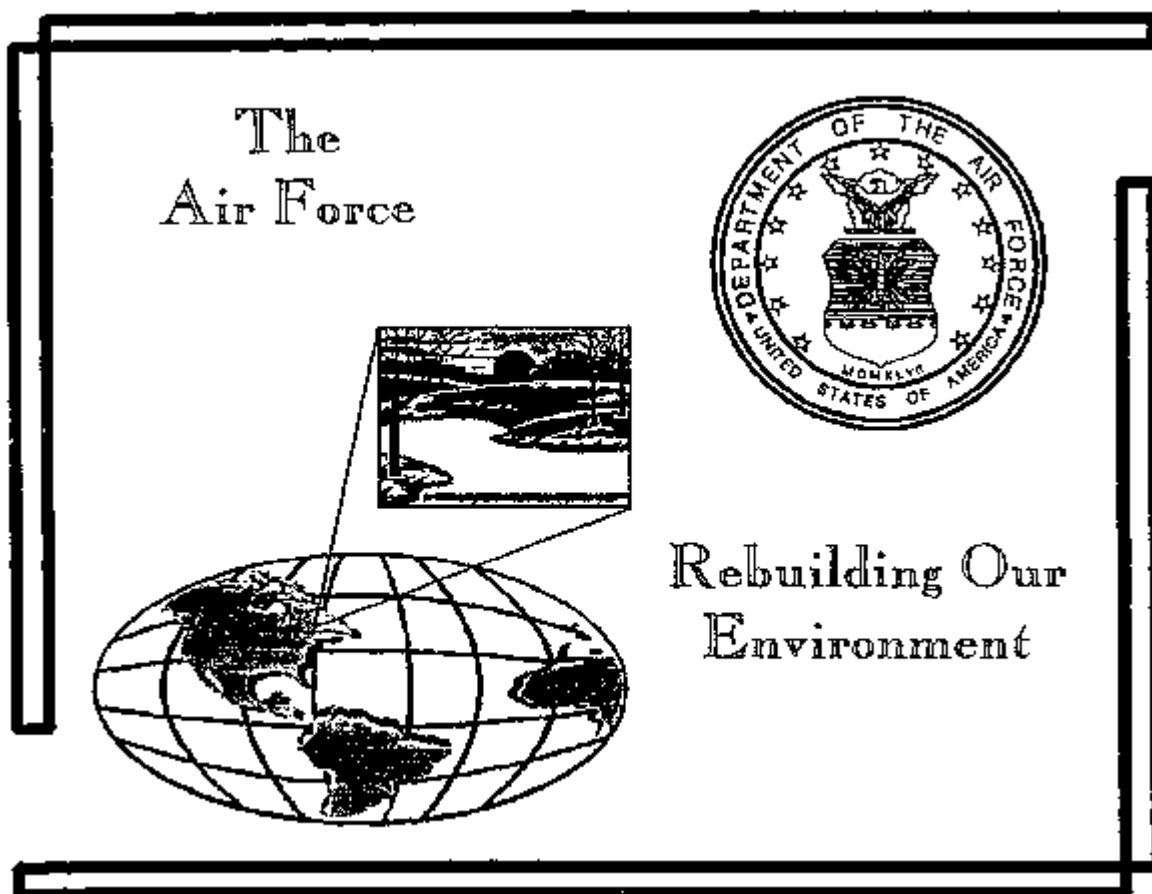
3.7.5.2 Recommendations

Long-term wetlands and environmental monitoring in accordance with the OU-13 LTMP (HLA, 1998) and the Wetlands Mitigation Plans should be continued.

FINAL

FIRST FIVE-YEAR REVIEW REPORT
FOR
LORING AIR FORCE BASE

SEPTEMBER 2000



United States Air Force Base Conversion Agency
Installation Restoration Program
Loring Air Force Base, Maine