

7.1.8 Unit-Specific Conditions

Specific unit conditions need to be written for the Subpart X unit. These conditions should address:

Waste Identification (identify each type of waste in each unit and the maximum capacity)

Location Information (of each Subpart X unit and treatment area)

Design, Construction and Operation

Monitoring, Maintenance, Safety and Inspection

Plans

Surveying and Record Keeping
Closure and Post-Closure
Financial Assurance
Environmental Monitoring
Ground Water (40 CFR 264 Subpart F Program)
Soil (Routine sampling to address accumulation and ensure ground water protection)
Surface Water (Clean Water Act Coordination)
Air (Verification of model, Clean Air Act coordination, monitoring, and pollution control devices)
Risk Assessment (Controls required, management plan)
Land Use Provisions (Record keeping, control implementation, safety issues)

Special operating conditions may be considered in some cases where munitions are involved due to safety issues. Worker safety with munitions should be considered in writing permit conditions. Permit conditions for geologic repositories need to address staging issues above ground as ancillary with environmental controls. Additional guidance on drafting permit conditions for carbon regeneration units is outlined in a [Region 3 Guidance on Minimum Permit Conditions for Carbon Regeneration Units \(June 1998\)](#). The Subpart X WorkGroup compiled example permit conditions for mechanical units in the document entitled [Part B Permit Applications, Mechanical Unit Information \(1998\)](#). Appendices B-F contain example permits for a variety of Subpart X unit types including OB/OD, carbon regeneration, combustion incinerator, and shredders.

EPA Region 4 convened a workshop in February 2002 to address the development of permit conditions for both thermal and mechanical units. Permit conditions and inspection requirements were developed for the 5 separate unit types. The results of the exercises are provided in the [Subpart X Case Studies](#).