

ATTACHMENT II.C.7

TANK SYSTEM SECONDARY CONTAINMENT

TANK FARM CONTAINMENT

All tanks are aboveground, underlain by a 58' 0" x 40' 0" concrete slab, surrounded by a 36-inch to 38-inch high concrete dike, and will be covered by a roof by the end of July, 1992. The roof will extend over the tanker loading area. The dike is sealed with a chemical resistant coating (Semstone 140). Semstone 140 or equivalent will be used for any future repairs or recoating of the area. No surface run-on is in contact with the wastes stored in the tank farm, and no run-off collection and management system is deemed necessary. Precipitation management procedures are described in Attachments II.C.2 and II.C.9. The layout of the tank storage farm is provided in Figure II.C.7-1. It should be noted that the tank farm is designed to handle six 20,000-gallon tanks; however, only three have been installed to date. Containment calculations are in Figure II.C.7-2. These containment calculations are based on the presence of six tanks.

RETURN/FILL SHELTER CONTAINMENT

The return/fill shelter is located inside the center portion of the main building. The floor is sloped to two containment sumps. The entire area is coated with a chemical resistant coating (Semstone 140). Semstone 140 or equivalent will be used for any future repairs or recoating of this area. The barrel washers are on a raised grating which rests approximately 33 inches above the floor (Figure II.C.7-3).

The shelter is designed such that the route trucks can be backed inside the building and the garage doors shut so that no precipitation can get into the return/fill shelter containment area. The measured containment capacity for the return/fill area is 3,693 gallons which exceeds the storage capacity of the four dumpsters (504 gallons per dumpster, total of 2,016 gallons). The containment calculations are presented in Figure II.C.7-4.

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