

ATTACHMENT 7

CONTAINER STORAGE

7.A. CONTAINER STORAGE

- 7.A.I. The slab, curbing and collection trenches for the container storage area in the warehouse are made of steel-reinforced concrete and the concrete was poured so that no cracks or gaps exist between them. The curbing is four inches high and six inches wide and encompasses the storage area except where there is a trench. A steel grate covers the trench to facilitate the movement of drums across it. The warehouse container storage area trenches (i.e., containment) provide a capacity of 472 gallons. To comply with the storage capacity requirements of R315-264-175, the volume of waste stored in this area shall not exceed 4,500 gallons at any one time. The area is lined with a chemical resistant urethane coating or equivalent that is compatible with the materials stored.
- 7.A.II. The metal shelter container storage area and its secondary containment are constructed of sheet steel. An overhead door secures the shelter when drums are not being added to or removed from it. The containment capacity of the metal shelter container storage area is 1,683 gallons. To comply with the storage capacity requirements of R315-264-175, the volume of waste stored in the metal shelter container storage area shall not exceed 3,300 gallons at any one time.
- 7.A.III. All containers used in storing hazardous waste meet DOT specifications. The solvents in storage are incompatible only with strong oxidizers and reactive metals, none of which are present in the base or sealants that line the containment structure. All wastes are compatible with the containers in which they are stored in accordance with DOT container specifications.

Insert –

- Site Plan Existing – Dwg 7113-SPOO-001, Rev F
- Floor Plan 1066 S. Pioneer Rd – Dwg 716601-QJO1700, Rev 04
- 3 Bay Class 1B Transfer Shelter – Dwg 716601-QJPB300, Rev A
- Storage Shelter – Class IB
- Pad, Concrete for Class IB Storage Shelter
- Fabrication Details for Class IB Storage Shelter
- Existing Floor Plan – Dwg 7113-WBOO-005, Rev 2
- Metal Container Storage Shelter (shows layout for 15 spaces where waste may be stored in the metal storage shed)
- Trench Detail - Retrofit
- Warehouse Storage Area Secondary Containment Calculation Sheet
- Flammable Materials Shelter Secondary Containment Calculation Sheet
- Chemical Resistant Urethane (3 pages of floor sealant description)
- Environmental Piping Schematic - 7113-5600-351, Rev I