

<b>TABLE 5 SUMPS SYSTEM DESIGN STANDARDS</b>			
<b>SUMP AND TRENCH<sup>1</sup> DESIGN STANDARDS</b>	<b>SUMP SYSTEMS</b>		
	<b>PRIMARY CONTAINMENT<sup>2</sup></b>	<b>SECONDARY CONTAINMENT<sup>3</sup></b>	<b>TOXIC CUBICLE<sup>4</sup></b>
Construction Material:	welded carbon steel	welded carbon steel	welded carbon steel
Sump Capacity, gallons	89 (typ)	89 (typ)	512 (typ)
Specified Shell Thickness, inches	3/16 steel	3/16 steel	3/16 steel
Dimensions, feet:	2.3 X 2.3 X 2.25(typ)	2.3 X 2.3 X 2.25 (typ)	4.42 X 4.42 X 3.5 (typ)
Grating, inches	reinforced fiberglass	reinforced fiberglass	reinforced fiberglass
Protective Coating	Agent Resistant	Agent Resistant	Agent Resistant
<b>Secondary Containment</b>			
Capacity, gallons	134	not applicable	512 required
Corrosion Liner Material	concrete	not applicable	concrete
Liner Thickness	6 inch		6 inch
Protective Coating Dimensions, feet: Design Temperature, °F	Agent Resistant	Agent Resistant	Agent Resistant
<b>Leak Detection System</b>			
	Visually inspect by and level detector	not applicable	Visually inspect and level detector
<p>1 Standards apply to trenches (for sump collection system designed with trench).</p> <p>2 Corresponds to those sumps listed in Table 4 that have a numerical capacity value listed under the “secondary Containment Volume (Gallon)” column heading.</p> <p>3 With the exception of SDS-PUMP-151 (see below), corresponds to those sumps listed in Table 4 that have “none required” listed under the “Secondary Containment Volume (Gallon)” column heading. Those that are designated as “none required (tank)” correspond to sumps that are part of a secondary containment system for a tank. Those that are designated as “none required (MDB)” are those MDB RCRA permitted sumps that are part of a secondary containment system for miscellaneous operations that occur in the MDB.</p> <p>4 SDS-PUMP-151 (Toxic Cubicle Sump.)</p>			