

Table 4.3 Sample Containers, Preservatives, and Holding Times for Soil Samples

Parameters	Method	Sample Container	Preservative	Holding Time
Explosives	5030/8330	8-ounce widemouth glass jar with Teflon®-lined lid	Cool to 4 °C	14 days
Volatile organics	5030/82401	8-ounce widemouth glass jar with Teflon®-lined lid	Cool to 4 °C	14 days
Semivolatile organics	3550/82701	8-ounce widemouth glass jar with Teflon®-lined lid	Cool to 4 °C	Extract within 14 days of collection, and analyze within 40 days of extraction.
Metals	3010/60102 3050/70002	8-ounce plastic or glass widemouth jar	Cool to 4 °C	180 days after collection
Geotechnical	ASTM D422, D2216, D4525 D4404, SSSA	Any container; minimum sample size is 1 kg	None	None

- 1 SW 846, *Test Methods for Evaluating Solid Waste*, EPA, 1986.
- 2 Methods listed are general methods. Specific methods for each analysis are detailed in Table 4.4.