

## WETLAND CONSTRUCTION TECHNIQUES

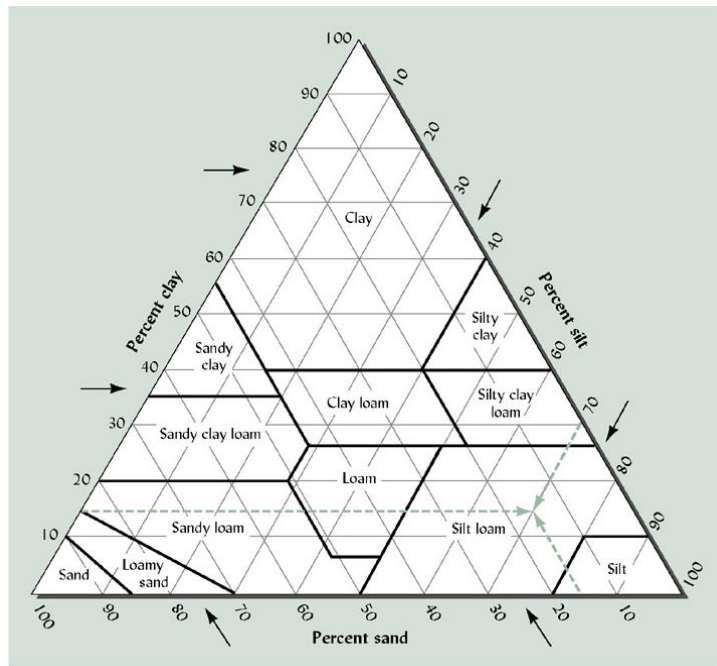
*How would you build a wetland from the soils in the container?*

SOIL CONTAINER	SOIL TEXTURE	CONSTRUCTION TECHNIQUE*
1		
2		
3		
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10		

**\*Groundwater:** Water rises near the surface in your test hole. A depression is simply dug and shaped that exposes the high water table, regardless of soil texture.

**Surface Water:** Soil has enough clay (over 35%) that after adding a little water, a thin ribbon 2-inches (5 cm) or longer can be formed. Soils are shaped and compacted to hold surface water. Additional runoff must be directed into wetlands and steps taken to obtain greater compaction when using soils that ribbon only 1.5" (3.8 cm) long, which are 25% or less clay.

**Liner:** Neither of the above conditions applies so a synthetic liner is used to hold surface water.



3-inches = 7.6 cm  
 2-inches = 5.0 cm  
 1-inch = 2.5 cm

## KEY TO SOIL TEXTURE

