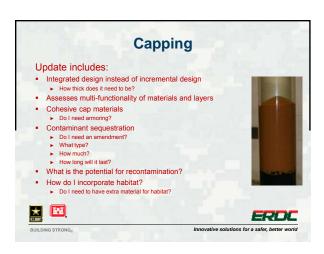




Favorable Conditions for In Situ Treatment	
Characteristic	Condition
Deposition rate	Annual deposition ≥ annual erosion; net deposition rate > 1 cm/yr
Horizontal and vertical distribution of contamination	Contaminant conc. increase with depth; depti of peak conc. is greater than 2 ft; surficial bioavailable concentrations are fairly uniform
Slope	Slopes greater than 10% pose difficulties in placing and retaining amendments and slopes greater than 20% are not suitable for most placement and mixing options
Required risk reduction	Typically, no more than a factor of 100
Groundwater advection	Characteristic net upward velocity < 0.5 cm/day
* 121	ERDO





	ble Conditions for Capping
Characteristic	Condition
Slope	Slopes >15% pose difficulties in placing and retaining capping materials; >25% are not generally suitable
Geotechnical properties	Undrained shear strengths less than 0.5 kPA poses severe restrictions on placement
Contaminant mobility	Kd > 3,000 L/kg
Groundwater advection	Velocity << 1 cm/day unless amendment used; velocities greater than 1 mm/day promote contaminant flux
Required risk reduction	Not critical but generally > a factor of 100
Current and anticipated waterway use	Cap design and water depth must be compatible with waterway use and habitat
* 🖼	ERD

