

## Watershed Watch in Kentucky

### Habitat Assessment Reference Card

#### Smell Observations – What odors do you detect at the water?

Odor	Common Causes
Rotten Eggs	Raw sewage, decomposing organic matter, lack of oxygen
Chlorine	Sewage plant discharges, swimming pool overflow, industrial discharges
Sharp, pungent odor	Chemicals or pesticides
Musty odor	Presence of raw or partially treated sewage, livestock waste
Rancid, Sour	Dead animals or dumpster
Gasoline, petroleum	Industrial discharge, illegal dumping of wastes, waste water
Sweet, fruity	Commercial wash water, wastewater

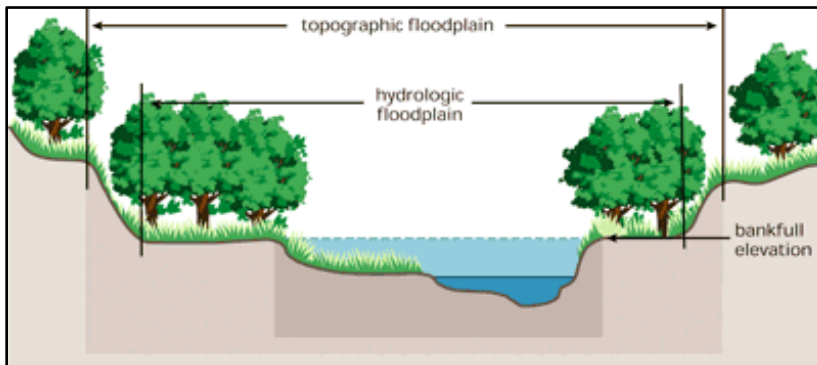
#### Visual Observations – What color is the water?

Color	Common Sources
	Suspended sediments, construction runoff, agriculture, soil erosion
	Algae bloom, sewage, fertilizer runoff, vehicle wash water
	Paint, lime, milk, grease, concrete, swimming pool filter backwash
	Gray water or wastewater, musty odor present
	Raw sewage discharge or other oxygen-demanding waste (rotten egg odor may be present)
	Fabric dyes, paints, inks from paper and cardboard manufacturers
	Leachate from iron deposits

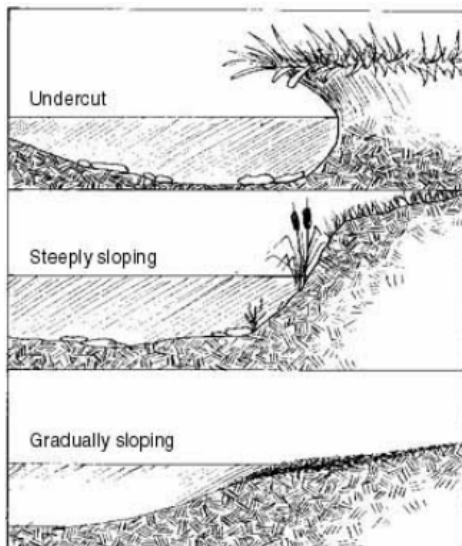
# Visual Observations – What’s floating on the water?



## Floodplain graphic



## Bank Slope/Undercut Banks



## Embeddedness

