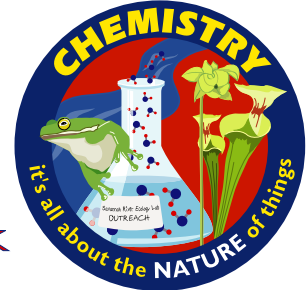


Wetlands & Water Chemistry

They may all hold water,
but not all wetlands are the same...

wetlands may differ in many ways, including:

- the amount of time water is present in the wetland
- how fast the water moves (does it move rapidly or pool)
- the source of the water (rainfall, groundwater, runoff, a larger body of water, etc.)
- the chemistry of the water (is it hard or soft, acidic or basic, etc.)



Upper Three Runs Creek



DWARF
WATERDOG



DRAGONFLY
LARVA



- blackwater stream in Aiken County
- very high biodiversity
- flowing water may have high dissolved oxygen
- water is generally very cool

Ash basin runoff pool



BULLFROG
TADPOLES



CRAYFISH



- common in areas with coal-fired power plants
- waters may have high levels of certain contaminants from coal



Carolina bay



SPOTTED
SALAMANDER
LARVA



SPHAGNUM MOSS



- seasonal wetlands on the SE United States Coastal Plain
- can have high biodiversity
- may dry completely for long periods
- water in these wetlands may have low pH (may be acidic)
- often these habitats are "fish-free"