

What does it mean to
Characterize something?

· describe the characteristics or
properties of something

⇓
distinguishing
features

How do you think this
might relate to a river or
Stream?

- color of water

- flow

* a stream or river characterization
describes and categorizes
that body of water
based on its distinguishing
features

What qualities or features
might we look at?

- depth
- water quality
- life in the water (what kind? how much? etc)
- flow (direction speed)
- color
- clarity
- pop. of fish
- diversity of living things
- algae, zooplankton
- insects
- land uses + pollution (current + historical)
- runoff
- outflow pipes
- temperature
- oxygen levels
- food sources + nutrients
- native + exotic species
- bottom sediments (rock, clay, sand, silt... etc)
- riverbank + its vegetation
- rapids, sources of O_2

Stream Survey '11-'12 Scajacquada Creek

FALL

Physical Assessment

- riverbank
- flow
- sediments
- clarity
- living things
- odor
- land uses
- etc...
- history

SPRING

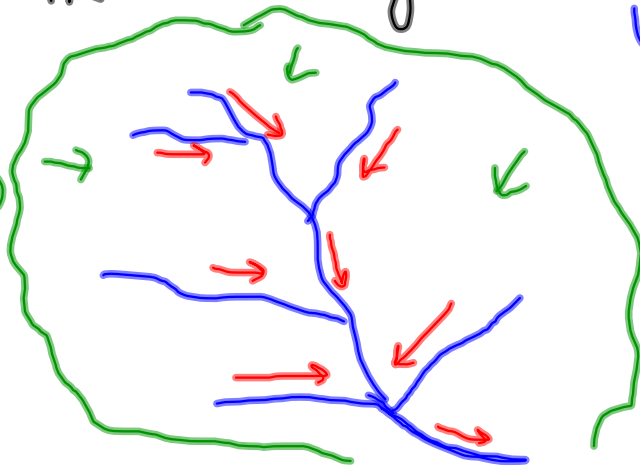
Chemical Assessment

- pH
- hardness
- O_2/CO_2 etc.
- nitrate
- phosphate

Watersheds

- a watershed is the area of land located around a body of water that drains into that body of water

the green boundary represents the watershed of this river



Watersheds are separated by changes in elevation