

Water quality :

→ chemical substance

→ properties

→ biological properties

→ chemical properties

→ physical properties

} how do these
influence the
interactions
between water
and its environment

pH
temperature
dissolved oxygen
turbidity

} Water quality
parameters

→ What are they?
How are they measured?
Why are they important for water quality

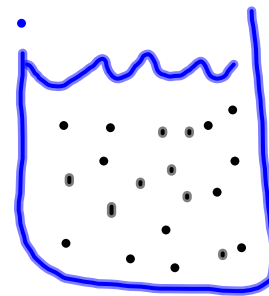
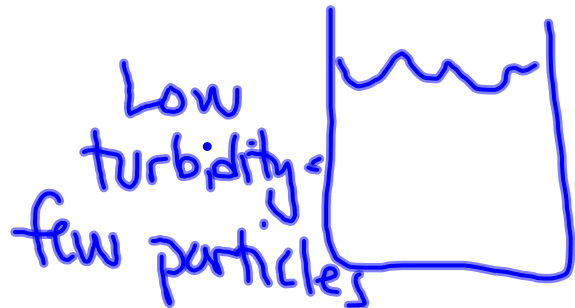
Water quality study:

We can use water quality parameters to help us answer "WITRB" style scientific questions

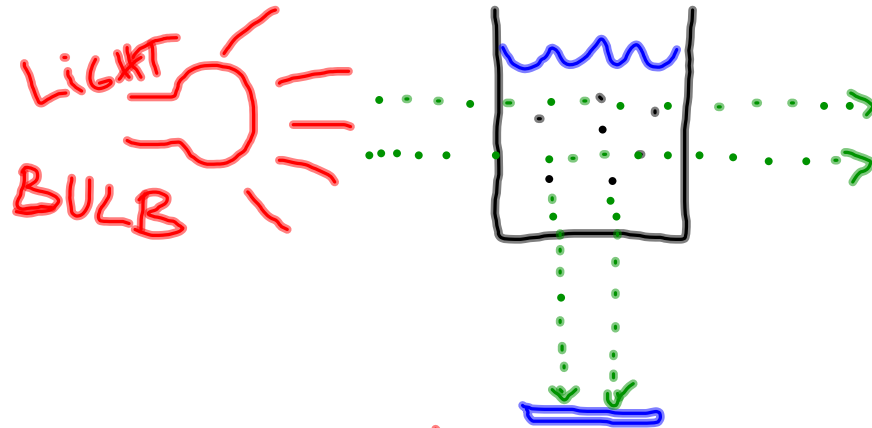
Turbidity:

A measurement of the cloudiness
of water

(Measurement of particles in
the water)



high turbidity =
lots of particles



the more light
that gets reflected,
the higher the turbidity

Calibrate the sensor:

tell it 100 "NTU"

0 "NTU"

Tap water

"FORMALIN"
100 NTU

- Work in groups of 4-5
- Calibrate & check sensor TWICE