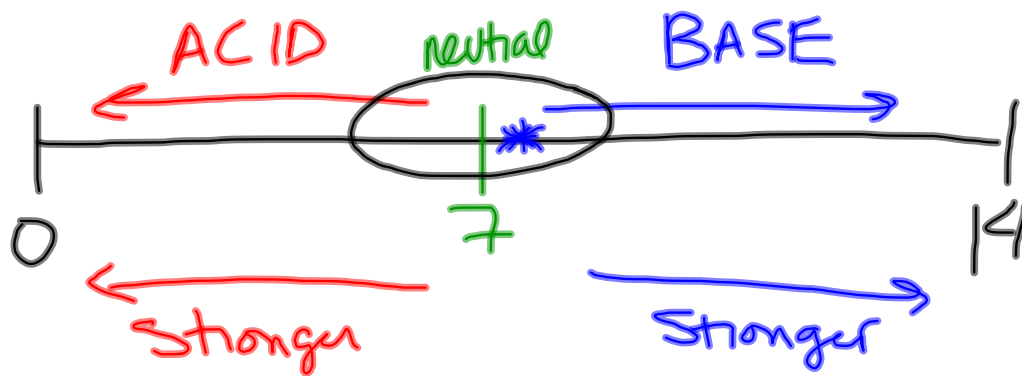


PH	7.20	7.10	7.42	7.36	7.27
dissolved Oxygen	6.6 mg/L	7.7 mg/L	7.4 mg/L	8.7 mg/L	
turbidity					7.6 mg/L
		8.2 NTU			
Conductivity	1439 $\mu\text{S}/\text{cm}$	1448 $\mu\text{S}/\text{cm}$	1460 $\mu\text{S}/\text{cm}$	1481 $\mu\text{S}/\text{cm}$	
temp	10.5°C	10.8°C	11°C	11.4°C	10.9°C
Coliform bacteria:					>

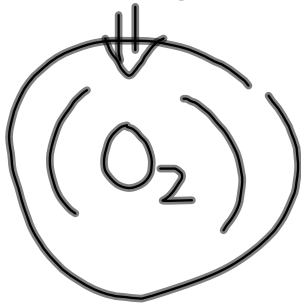


7.27
is
normal

normal aquatic
ecosystems have
a pH between
6.2 and 8.5

What is Dissolved Oxygen?

Oxygen mixed with water



O₂ gets put IN to water:

- ① waves + breaksⁿ surface tension
- ② photosynthesis

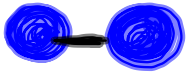
What takes O₂ out of the water?

- ① Fish + living things (in + on top of the water)
- ② evaporation
- ③ decomposition

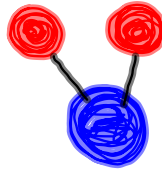
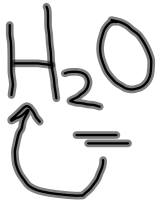
less than 2mg/L is low

greater than 8mg/L is high

7.6mg/L medium



2 atoms of
oxygen in
one molecule
of oxygen gas



2 atoms of
hydrogen
and one
atom of
oxygen in
one molecule
of water

