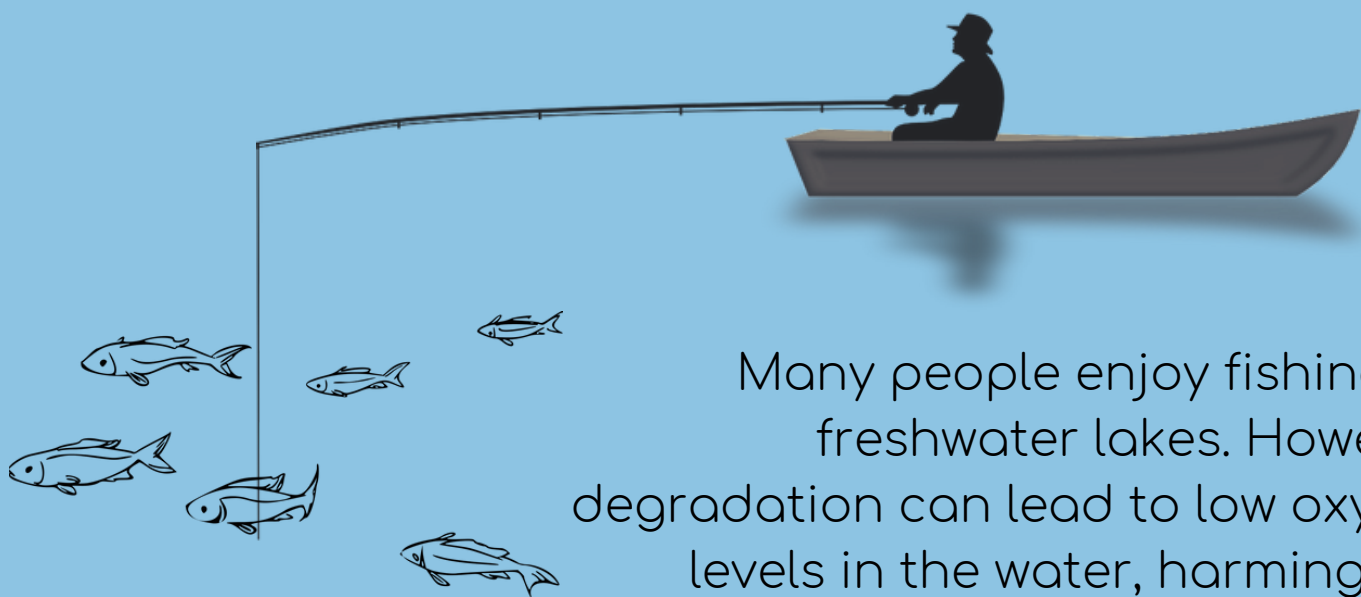
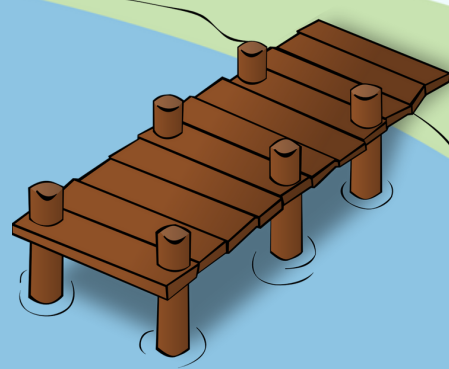


CHANGES IN THE LAKE CAN AFFECT THE BENEFITS PEOPLE RECEIVE

Water quality degradation affects people. Lakes can hold significant personal and cultural value, provide opportunities for recreation, bolster property values, and even comprise people's livelihoods.

Some communities rely on lakes as their source of drinking water. If such a lake becomes degraded or experiences phytoplankton blooms, people may need to seek other sources of water.



Many people enjoy fishing on freshwater lakes. However, degradation can lead to low oxygen levels in the water, harming fish populations. This is expected to be exacerbated by climate change

People tend to prefer to buy properties close to a healthy, clear lake (as opposed to a cloudy lake), so a change in water quality can be reflected in people's decisions about buying property.



For a lake with cloudy water, if you increase water clarity such that you can see 1 meter deeper into the lake (or just over 3 feet), it can lead to an average increase in property prices of over

\$11,000.