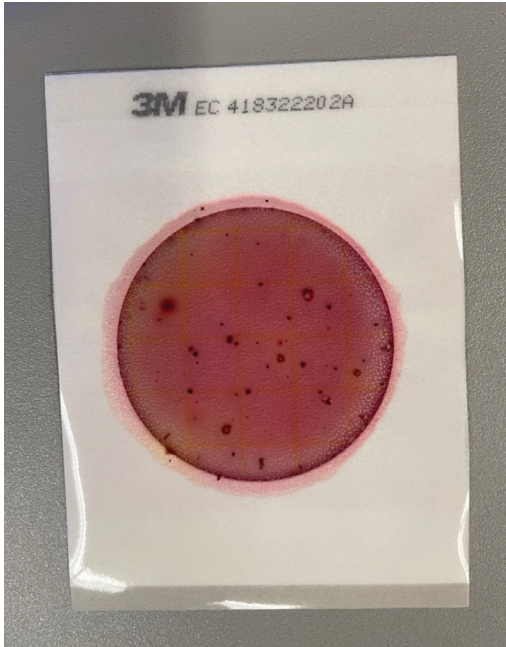


Examining the water in Lake Havasu

By Nicholas Giese



Here in Lake Havasu, life revolves around the water. People think water is H₂O, but there is a lot of other stuff in there that people do not know about. As an ASU student in Environmental Science, we tested what is in the water. On January 20, 2023, my class went down to Rotary Park and took some samples of water. We tested the pH, Nitrates, Phosphate, and E.coli detection.

At the time of these tests, the water was 50 degrees and so was the weather. As it starts to warm up and the lake becomes more populated with tourists, you can expect the data to change. The pH was 8.5, which is on the more basic side. This can be from sediment being picked up from the current. The nitrates, which are from animal waste and fertilizer, were in the lower range at 1.76. If that number is above 3, the lake must be shut down. The phosphate in the water was at 0, which is perfect because if that number gets too high, it can be fatal. The E. Coli detection was at 0.3 E. Coli/ mL. The recommended water limit for that is 7.3 E. Coli/ mL. From the data received, Lake Havasu is a perfect place to go with your friends and family.

