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Water Toxicity

The area of Alameda's Naval Base has had a long history of industrial pollution. High risk chemicals have been found in the water surrounding the military facility and there have been attempts at cleaning the water. The purpose of this experiment was to test for contaminants in the water at the Alameda Naval Base. The experiment tested for mercury and heavy metals specifically with test strips from five different locations around the Base. It was expected that the water would contain very high amounts of mercury and heavy metals, but the results depicted a different picture. The hypothesis was proven false, showing that the water only had very low amounts of mercury and heavy metals. It was later discovered that the test strips used were faulty and could not even show if a positive sample contained the correct amount.