**Future Engineers Club: Water Quality Tests**

**Resources:**

[**http://tinyurl.com/jmsagqm**](http://tinyurl.com/jmsagqm)

[**http://tinyurl.com/hlrha7c**](http://tinyurl.com/hlrha7c)

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| --- | --- | --- | --- |
| **Water Quality Test** | **What it Means/Why is It Important?** | **Good Readings** | **Your Reading After Filtering** |
| **pH** |  |  |  |
| **Nitrates** |  |  |  |
| **Chlorine** |  |  |  |
| **Hardness** |  |  |  |
| **Total Dissolved Solids** |  |  |  |
| **Alkalinity** |  |  |  |
| **Bacteria (coliform)** |  |  |  |

**Watch:** Types of Pollutants that affect Water Quality

<https://youtu.be/VIaw5mCjHPI>

**Based on your results, how effective is your filter at cleaning water? Use data to support your answer.**