| Brianna E. Page |  |  |  |  |  |  |  |  |  |
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| Project Title Don't Drink That Water! |  |  |  |  |  |  |  |  |  |
| Objectives/Goals <br> To discover whether putting various waters through a reverse osmosis process muld ower the levels of pH , total dissolved solids, and alkalinity in them. <br> Methods/Materials <br> My materials included two liters of water from the Arroyo in Mopwark, the linery of tap water, two liters of water from our public jacuzzi, and three bottles of Crystal Ge ser yettled wytr, each 750 mL . I also used a pool chlorine balance test kit which included mte ials for the pHest ald the alkalinity test and a total dissolved solid tester. The reverse osmosis process constind of a syiment filter, pure carbon block, and the reverse osmosis membrane. <br> Results <br> The reverse osmosis process highly affected the varioy typo of waty. The pH levels were all brought down to 7, except for the bottled water which stayed onstant an5. The level of total dissolved solids was also brought down to 20 ppm (parts per million) the alkalixity as also considerably brought down to 10 . <br> Conclusions/Discussion My hypothesis was correct. Some people may pe qaware of the importance of the reverse osmosp procedure and how often it is used ir or socidy. This proje was done to inform others about the quality of the water they are drinking. |  |  |  |  |  |  |  |  |  |
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