

Introduction

The chemicals in the drinking water we consume have certain standards by the EPA. This is the best of our research to date. The quantity we are adding to the chemical standards are being added and what levels affect it. Each chemical has an LCL in the water. Since water is an essential substance for life on earth we want to find out more about our drinking water and what is really in it.

Why we are doing this

We are really interested in this for the greater benefit of everybody in the area of El Paso. We are trying to find out the standards are being set up through all of El Paso, water is a critical thing especially in the desert where water isn't abundant.

BACKGROUND INFORMATION

Our drinking water has become a thing we can take for granted, but have you ever taken the time to consider what is in it? This gives rise to our proposal. It turns out many different types of chemicals are in the water, some being very dangerous to your health, and others that are not as harmful. These contaminants consist of organic and inorganic chemicals, and many more. We are going to focus on the inorganic and organic chemicals in the water. These chemicals are called heavy metals. Some contaminants are considered to be carcinogenic, that the chemicals can cause cancer. The Environmental Protection Agency have tested the waters of our region to try find out if the amounts of these substances found in our drinking water exceed the levels that are considered safe by the EPA. Many factors have also been taken into account.

The quality of water, being taken into account with the water being from the distribution pipes. Different water treatment facilities are involved in the water. We are going to use the water being used in the region. The EPA has set the standards for the water. The EPA has set the standards for the water. The EPA has set the standards for the water.

Are we drowning in unknown amounts of chemicals?



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POSSIBLE DESIGN

Although we are barely going to start collecting information for our design the steps we will encounter to proceed with this project will be:

1. Going around El Paso's regions (West, East, Northeast, and Central) and collecting two water samples from two different bottles in the same region.
2. After collecting the two samples from the bottles of each region, we will look back into the information we have gathered and reviewed from the standards the EPA (Environmental Protection Agency).
3. After reviewing the information, we will be focusing on finding inorganic and organic chemicals in the water. An Organic Compound is a chemical that contains carbon and hydrogen molecules, while inorganic

compound is a chemical compound that is not an organic compound which means it does not contain carbon molecules.

4. By finding these chemical compounds in the water our goal is to see if these chemicals are harmful to our body knowing that tap water is a daily usage thing we use for many things. Hopefully by gathering enough information our results will meet the requirements the EPA has established on water consumption for and not harm our health.

REFERENCES

- Website:
1. Research Costs for the projects of the regions of El Paso.
2. EPA.gov