**Title: Water Quality of Fountains in Abilene**

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**Abstract:**

E. coli is a bacteria found in the environment as well as the intestines of humans and animals. Coliforms are a form of bacteria that are found in the environment and are numerous in the digestive tracts of animals and humans as well as in their feces. These forms of bacteria can become a potential health concern.

This research tested multiple local water features in Abilene, Texas to compare the most probable number (MPN) of E. Coli and Coliform bacteria in the samples to examine the levels of bacteria within the water. The research for this study was conducted over a semester and the data was collected multiple times. The primary hypothesis was drawn up from a study of E. Coli in Abilene waters – Coliform bacteria and E. Coli will be found in most, if not all, samples from water features.