

Tyson Schneider

*Acid taste*

The purpose of this experiment was to determine which type of metal used in the structure of buildings, utilities, and housing structures have the greatest resistance to acid rain in the events of a flood. The hypothesis stated that the steel test strips would have the most resistance to acid rain due to it being the most commonly used metal in the infrastructure of buildings. It also stated that aluminum would have been most affected by acid rain due to its light and weak structure, and being used mostly in utilities and housing structures. The hypothesis was supported partly in what had been stated. Aluminum had been most affected by the acid rain but stainless steel had lost the least amount of mass out of the three metals. The approach to this experiment was to find a solution that could be used in real life situations. Many science fair experiments have very interesting experiments dealing with space, time, and structures of an atom, but knowing what metal would be best suitable for housing infrastructure is a very knowledgeable thing to know. Many people like to do projects around the house on their own because they either like doing it by themselves or they don't have the money to hire someone to do it. Knowing the outcome of this experiment may save people hundreds of dollars in repairs and structural damage, because they didn't know what metal was best suitable for what they needed.