

**THE QUALITY OF WATER IN JORDAN GUIMARAS WATER DISTRICT
AND THE EFFECTIVENESS OF ITS SERVICE**

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Abstract

Water is essential to man. Man's corporal being is made up of water. Man is dependent on water. Water plays significant role in a man's life for without water man's existence will not be possible. Three fourth of the earth's surface is water. This water is both a necessity to both fauna and flora providing man its needs: food, shelter, and many more. With this abundance of water, only about 2% can be used for drinking water. Waters in lake and rivers can be polluted and may cause diseases to man. Because of the escalating growth of population, water quality has become a big issue.

The descriptive method of research was employed in this investigation. The researches utilized both the quantitative and qualitative methods of research. The respondents were the thirty (30) residents living near the three areas where the water samples were taken. The ten (10) residents in every area were purposively chosen to answer the interview and questionnaire regarding

the water quality of Jordan Guimaras water district as well as the effectiveness of its service.

The researchers made use of site visitation, interview, and utilization of the checklists for the respondents to answer as the main source of data collection. The researchers conducted the interview among the selected respondents who were available in the area at the time of the site visitation.

The researchers personally visited the site and conducted the interview to the selected respondents, who were given ample time to answer.

Their responses were transcribed, encoded, analyzed and interpreted. They were also required to answer interview questions on the quality of water of Jordan Guimaras water district and the effectiveness of its service. The people in the three areas where the water were extracted were also asked how they used the water and how the water affects their health. Pictures were also taken for documentary purposes.

The data gathered were subjected to categorization method to make sense of the responses.

For descriptive analysis, frequency and percentage were used. No inferential statistics was utilized in this study.

Results of the study show that the waters of the Jordan Guimaras Water District are on the standard value in the three areas where water samples were taken. The study also reveals that the services of the Jordan Guimaras Water

District are effective with a frequency count of 24 and a percentage of 80%. Only 20% of the residents are not satisfied of the services of the Jordan Guimaras Water District. Results also show that 100% of the residents are using the water for cooking and washing clothes. Only 43.3% respondents are drinking the water even though it is safe for drinking. 56.7 % are not drinking the water of Jordan Guimaras water district for there are water filtered stations near their areas.

Water quality has become a very big issue today, partly because of the tremendous growth of the nation's population and urban expansion and development. All growth put stress on the natural water resources, and if people are not diligent, the quality of the water will suffer.

In Jordan Guimaras, consideration of water quality is important for residents are using the water for cooking and washing clothes. Some of the residents are not drinking the water for they are afraid of the diseases brought about by water. So to be sure that the water is safe to drink, the Jordan Guimaras Water District should always be checked and analyzed.