Water is one of the essential requirements of life and one of the efficient natural materials which is vital for the human life and civilization. Therefore, awareness of its quality is essential for any consumer. The aim of the present study was to investigate the microbial and chemical quality of drinking water of the rural areas of central Sabzevar district, Iran.

**M.A. Thesis:**
check microbial and chemical drinking water western rural town central city of sabzevar
This study was conducted in the rural areas of the central parts of sabzevar district. In this study 30 samples were tested to evaluate the microbiological quality and to examine the chemical quality and the results were analyzed using SPSS 19 software.

Findings: Based on the analysis of experiments it was found that in all cases, chemical parameters such as PH, total hardness, nitrate and nitrite was within standard limits. In terms of the 20% of the samples contained coliform bacteria that it is also related to the water village.

The quantity and acceptable quality of drinking water is one of the most important issues that consumers are faced with. On the other hand, as the population grows, so does the industry and agricultural production, which over time it will become a serious problem and needs to be seriously dealt with. Improvement of water resources to prevent water pollution in other general immigration process and drinking water standards for exploitation of water resources is essential.