



University of Zabol

Graduate school

PA Campus

Department of Fishery

The Thesis Submitted for the degree of Master of Science in

Processed fishery products

Title:

Identification of *Vibrio cholera* and *Staphylococcus aureus* in warm water fish Case study: (Zahak City)

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Abstract

Many infectious diseases, as well as some non-communicable diseases can be transmitted to humans through food and water. Some of these diseases are caused high mortality in the short term may infect a wide spectrum of society. Others, such as chronic poisoning by heavy metals and pesticides may cause cancer and genetic disorders in the long-term exposure to future generations. Environmental factors of diseases related to water, air, and insects and rodents (due to improper disposal of wastes) is. Given the health risks posed by the presence of pathogenic bacteria in food, knowledge of the past and present bacterial contamination of farmed fish and pollution assessment and provide appropriate solutions to eliminate or reduce it is essential. The present study aims terms Applied research horizon how to collect data, a descriptive study was conducted Vaznv correlation in the summer of 1394. In line Bafrzyat study shows correlation coefficients of Shnasamykrvb of *Vibrio cholera* and *Staphylococcus aureus* in warm water fish Case Study: city Zahk statistical Ndard.jamh fish farms city is Zahak statistical Tdadhjm total volume of 60 field samples According to Morgan's farm is 10. conceptual model of research-based information that is required by the questionnaire was compiled and reliability have been the end of it Tayydqrar Alpha 0/928, the data collected t-test, ANOVA, regression was used and software spss The results show identification *Vibrio cholera* and *Staphylococcus aureus* in warm water fish Case Study: Zahak city does not have a positive impact.

Keywords: *Vibrio cholera* and *Staphylococcus aureus*, warm water fish, city Zahak