



**National University of Science and Technology
Zimbabwe**



FACULTY OF APPLIED SCIENCES

DEPARTMENT OF APPLIED CHEMISTRY

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PROJECT TITLE:

*EVALUATION OF GROUNDWATER QUALITY AT SELECTED BULAWAYO
RESEIDENTIAL AND INDUSTRIAL SITES*

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A DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR: -

BACHELOR OF SCIENCE HONOURS DEGREE IN APPLIED CHEMISTRY



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ABSTRACT

This paper serves to describe a project carried out at the National University Of Science And Technology, Applied chemistry department, with the objective of evaluating the groundwater quality of Bulawayo's selected residential and industrial sites. Four boreholes were selected as monitoring sites. They were monitored over a period of 7 months, samples being collected on a monthly basis. Two of these boreholes are located in the residential areas and the other two are in the industrial sites. The industries do transport operations and engineering. The study looked into the relationship between these activities and the levels of pollution at the selected sites and also ways of remediation of this groundwater.