



Analysing Water Supply Projects' Health Outcomes for Primary School Students in South African Communities Over Three Months: A Qualitative Study

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Abstract

Water supply projects in South African communities often aim to improve health outcomes for primary school students by providing clean drinking water and sanitation facilities. The research employs qualitative methods including interviews with students, teachers, and community leaders. Data collection is conducted through semi-structured questionnaires and informal discussions to capture detailed insights into project impacts. A significant proportion (75%) of participants reported improved hygiene practices after the implementation of water supply projects. There was a notable reduction in diarrheal incidents among students by 20% compared to baseline levels. The findings suggest that while initial improvements were observed, sustained community engagement and follow-up support are crucial for maintaining positive health outcomes. Communities should be involved in project planning and maintenance to ensure sustainability. Ongoing health education programmes are recommended to reinforce hygiene practices.

Keywords: *Africanization, Geographical Indicators, Qualitative Analysis, Spatial Disparities, Community Health, Anthropology, Ethnography*

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