

**A STUDY ON WATER SUPPLY AND SANITATION
PROJECTS PROFILE OF ROLPA DISTRICT**

**A Thesis Submitted to the
Faculty of Humanities and Social Sciences
Central Department of Rural Development
in partial fulfillment of the requirements for the Degree of
Master of Arts in Rural Development**

**Central Department of Rural Development
Tribhuvan University
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LETTER OF RECOMMENDATION

This Thesis entitled "**A STUDY ON WATER SUPPLY AND SANITATION PROJECTS PROFILE OF ROLPA DISTRICT**" is prepared by **Lok Bahadur Chaulagain** under my guidance and supervision in partial fulfillment of the requirements for the Degree of Master of Arts in Rural Development. To the best of my knowledge the study is original; I hereby forward it with recommendation to the evaluation committee for the approval.

(Mr. Umesh Acharya)

Supervisor

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Approval Sheet

This Project work entitled "**A STUDY ON WATER SUPPLY AND SANITATION PROJECTS PROFILE OF ROLPA DISTRICT**" submitted by **Lok Bahadur Chaulagain** as a partial fulfillment of the requirements for the Degree of Master of Arts in Rural Development has been accepted by the undersigned research committee.

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Acknowledgement

This Thesis is prepared for the partial fulfillment of the requirements of Masters' Degree Course in Rural Development. The main objective of the study is to identify the actual water supply and sanitation situation in Rolpa district.

First and foremost I would like to express my sincere thanks and deep gratitude to Prof. Dr. Pradeep K. Khadka, Head of Central Department of Rural Development, Tribhuvan University.

I also like to sincere thanks to Mr. Umesh Acharya, Assistant Professor, Department of Rural Development for providing me an opportunity to conduct this Thesis under his supervision.

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Lok Bahadur Chaulagain
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Abstract

While planning water supply schemes for hilly areas of Nepal, emphasis should be given to small gravity schemes or point source wherever possible and feasible. The role of the communities should be designed in such a manner that the project should not be imposed upon the people; instead the implementation of water supplies should only take place when the benefiting communities request it and are ready to assume their part in the implementation and Operation & Maintenance. Prediction of the community attitude cannot be made exact and it is also not possible to precisely define which clusters/ wards of Village Development Committees to be covered in any given year. The plan, therefore, can only give indications of priorities of possible options and set financial and capacity frames for the development.

The Eighth Five-year Plan (1992-1997) had made a significant headway by aiming to provide safe water to 72% of population and basic sanitary facilities to 25% of population by the end of plan. But this target could not be met. However the Government had again set target of providing water supply to 100 % meeting meet this objective by the end of ninth five year plan period, in which a mixed result was attained with a target achievement of only 72% in this regard. In the Tenth Five-year plan (2002-2007), Government of Nepal has planned to provide safe drinking water to 85% of national population through mobilization of internal resources, donor assistance and by users' participation.

Implementation program will also focus on consolidation of water supply and sanitation programs through the completion of ongoing schemes and rehabilitation/ improvement of existing facilities/ schemes, as well as that area in need of repair, in order to provide a basic level of services.

Percentage benefitted population in Rolpa district; from water supply coverage is 784.62% & Sanitation coverage is 10.05% in Rolpa district.

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List of Acronyms/Abbreviations

\$	United States Dollar
ADB	Asian Development Bank
CBS	Central Bureau of Statistics
CBWSSP	Community based Water Supply and Sanitation
CBWSSUO	Community based Water Supply and Sanitation Unit Office
DDC	District Development Committee
DWSS	Department of Water Supply and Sewerage
GDP	Gross Domestic Product
GoN	Government of Nepal
GTZ	German Technical Organisation
Ha	Hectare
HHs	Households
IDWSS	International Decade of Water Supply and Sanitation
INGO	International Non Governmental organisation
MIS	Management Information System
MW	Megawatt
NGO	Non Governmental organisation
NMIP	National Management Information Project
O & M	Operation and Maintenance
RRN	Rural Reconstruction Nepal
SLC	School Leaving Certificate
SPSS	Statistical Package for Social Science
UG	User Group
UNICEF	United Nations Children's Emergency Fund
VDC	Village Development Committee

VDC	Village Development Committee
WATSAN	Water Supply and Sanitation
WB	World Bank
WHO	World Health Organization
WSSDO	Water Supply and Sanitation Division Office
WSSS	Water Supply and Sanitation Sector
WSST	Water Supply and Sanitation Technician
WUC	Water Users' Committee