

**AN IMPACT EVALUATION OF
THE COMMUNITY DRINKING WATER AND SANITATION PROJECT AT
CHANDRAGADHI IN JHAPA DISTRICT, NEPAL**

A thesis submitted in partial fulfillment of the requirements for the degree
of Master of Arts

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RECOMMENDATION LETTER

This thesis entitled An Impact Evaluation of the Community Drinking Water and Sanitation Project at Chandragadhi in Jhapa District, Nepal **prepared by Dipak Bhattarai, under my supervision in partial fulfillment of the requirements for the degree of Master of Arts in Rural Development, is hereby recommended for its final evaluation. To the best of my knowledge this is his own innovative work presented in the format prescribed by the Faculty of Humanities and Social Sciences.**

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APPROVAL LETTER

This is to certify that the thesis submitted by Dipak Bhattarai entitled An Impact Evaluation of the Community Drinking Water and Sanitation Project at Chandragadhi in Jhapa District, Nepal has been approved by the department in the prescribed format of the Faculty of Humanities and Social Sciences.

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ABSTRACT

To provide safe water, various efforts have been made by the government sector as well as the private sector in the process of planned development. But, the people's participation have not received priority until the Seventh Plan and it was only from the Eighth Plan that the mobilization of people on water sectors as well as other development sectors started to gain attention. Till now many development sectors including the water sectors are already handed over to communities and this has brought good results. Despite being the second richest country in the world for water resources, Nepal's utilization of water resources has not been satisfactory because of poor economic condition, unskilled manpower and corruption. So, the priority should be given for proper uses of these water resources and provide safe and sufficient water to the people.

This study has been conducted at ward 6 of Chandragadhi VDC in Jhapa district. The general objective is to analyze the impact of the project in the study area. Primary and secondary data were used to collect the information, and tools like observation, formal and non-formal discussions, interviews were held to collect other necessary information. Descriptive and analytical research designs have been followed to describe and examine the findings of the study. Out of the total of 300 beneficiary households in ward 6, 80 household members were taken as the sample, following the simple random sampling method.

The study shows that the people have experienced significant changes after the initiation of the project. They are satisfied with the project because of the supply of safe and sufficient water. They are getting 10-15 hours of water supply per day and the supply of water is regular. Most of the people in the study area are using this project for more than 15 years and they think that this project has done better than before after it was handed over to the community. People's participation in the project is satisfactory, as people from all backgrounds are participating equally and till now no conflict has occurred among the users in connection with water distribution. The water users committee of this project has done some sanitation works like the setting up of slaughter

house and public taps, and it has made more plans for the future. This project has also created both temporary and permanent jobs for the local people and there is sufficient manpower in the project for maintenance.

Based on its findings, the paper suggests some strategies in order to improve the status of the project in the future. Besides, it also indicates some areas/potentials for further research.

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ABBREVIATIONS

ADB	Asian Development Bank
AAN	Action Aid Nepal
CBO	Community Based Organization
DDC	District Development Committee
Chn	Chandragadhi
DWCSC	Drinking Water Consumers and Sanitation Committee
DFID	Department for International Development
GOs	Governmental Organizations
HMG	His Majesty's Government
INGOs	International Non-Governmental Organizations
JAKPAS	Janata Ko Khanepani Ra Sarsafai Karyakram
NGO	Non-Governmental Organization
PPTA	Project/ Program Preparatory Technical Assistance
RWSS	Rural Water Supply and Sanitation
WSS	Water Supply and Sanitation
WB	World Bank
UN	United Nations
UNICEF	United Nations International Children's Emergency Fund
UNDP	United Nations Development Program
VDC	Village Development Committee

EQUIVALENTS

1 Ropani	=	74×74 sq. ft.
	=	0.12571 acre
	=	0.05087 hectare
	=	16 ana
1 Ana	=	4 paisa
1 Bigha	=	270×270 sq. ft.
	=	1.6.737 acre
	=	0.6773 hectare
	=	13.63125 ropani
	=	20 kattha
	=	400 dhur
1 Kattha	=	20 dhur

Source: CBS, 2004.