

Due Diligence Report

Project number: 35173-013
January 2016

NEP: Third Small Towns' Water Supply and Sanitation Sector Project – Bardghat, Nawalparasi

Prepared by the Third Small Town Water Supply and Sanitation Sector Project, Ministry of Urban Development, Government of Nepal for the Asian Development Bank.

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Ministry of Urban Development
Department of Water Supply and Sewerage
Small Towns Water Supply and Sanitation Sector Project (STWSSSP)
Project Management Office (PMO)
Panipokhari, Maharajgunj, Kathmandu, Nepal



**Enhance Functionality in Small Towns Water Supply and Sanitation Sector Project
(STWSSSP)**

Resettlement Due Diligence Report

For

**Bardghat Small Towns Water Supply and Sanitation Sector Project
Nawalparasi**

Kathmandu, January 2016

Submitted by:

Joint Venture in Between



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CURRENCY EQUIVALENTS

(As of 5 Nov 2014)

Currency Unit	=	NPR
NPR 1.00	=	\$0.00996
\$1.00	=	97.95

WEIGHTS AND MEASURES

cum	–	cubic meter
Km	–	kilometer
m ²	–	square meter
Mm	–	millimeter
m ³	–	micrograms per cubic meter

ABBREVIATIONS

ADB	–	Asian Development Bank
AP	–	Affected persons
BPL	–	Below poverty line
CBS	–	Central Bureau of Statistics
CDC	–	Compensation determination committee
CDO	–	Chief District Officer
DDC	–	District Development Committee
DSC	–	Design and supervision consultants
DWSS	–	Department of Water Supply and Sewerage
EA	–	Executing agency
GON	–	Government of Nepal
GRC	–	Grievance redress committee
GRM	–	Grievance redress mechanism
IR	–	Involuntary resettlement
lps	–	Liters per second
MUD	–	Ministry of Urban Development
NLSS	–	Nepal Living Standards Survey
PD	–	Project director
PMC	–	Project management consultant
PMO	–	Project management office
PPTA	–	Project preparatory technical assistance
RF	–	Resettlement framework
RP	–	Resettlement plan
RS	–	Resettlement specialist
SSO	–	Social Safeguards Officer
SPS	–	Safeguard Policy Statement
STWSSSP	–	Small Towns Water Supply and Sanitation Sector Project
TA	–	Technical assistance
TDF	–	Town development fund
TOR	–	Terms of reference
WSSDO	–	Water Supply and Sanitation Division Office
WTP	–	Water treatment plant
WUSC	–	Water users and sanitation committee
VDC	–	Village Development Committee

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I. INTRODUCTION

A. Introduction

1. The Small Towns Water Supply and Sanitation Sector Project (STWSSSP) is a key initiative of Government of Nepal aiming at improved water supply and sanitation services in small towns and emerging urban areas of Nepal. The Enhance Functionality in Small Towns Water Supply and Sanitation Sector Project (STWSSSP) is designed to improve the performance and efficiency of the projects constructed during the first phase STWSSSP projects. There are 29 small town subprojects constructed in this phase. The Enhance Functionality in Small Towns Water Supply and Sanitation Sector Project (STWSSSP) aims to strengthen the overall efficiency and effectiveness of service delivery with a particular focus on technical and financial aspects, at both national and local levels. Its envisaged outputs include: (i) improved water supply and sanitation infrastructure; (ii) strengthened sector policy, regulatory and institutional capacity and service delivery; and (iii) improved project implementation. The Project will also strengthen Government of Nepal's efforts to meet its millennium development goals. The project is to be implemented in 6 months.

2. The Enhance Functionality in Small Towns Water Supply and Sanitation Sector Project (STWSSSP) uses a sector lending modality of ADB. A total of 29 towns are proposed to be covered under the project. Preparation for the The Enhance Functionality STWSSSP is underway and the funding is secured by the ADB as well as the GON. Department of Water Supply and Sewerage (DWSS) is the implementing agency whereas the Ministry of Urban Development is the executing agency. The project will assist in implementing a part of the 15-year Development Plan for Small Towns Water Supply and Sanitation Development in the country and 29 Small Towns will be covered by this project.

B. Proposed Subproject Components

3. This land acquisition and resettlement due diligence report is prepared for the proposed Bardghat Small Towns Water Supply and Sanitation Sector subproject, under the The Enhance Functionality in Small Towns Water Supply and Sanitation Sector Project). The proposed service area of the water supply subproject includes ward no. 4 of Makar VDC Municipality. The total households of the wards of selected service area are 3,042 and total population is 15,299 excluding the institutional population in 2014.

4.

II. SUBPROJECT DESCRIPTION

A. Proposed components

The Bardghat sub-project has been conceptualized as a combination of surface water and groundwater pumping system. The necessary water to be supplied comes from both the surface source and groundwater sources (Tube-wells). There is a water treatment system as well in place. The system is operating with low efficiency because of the low efficiency of the WTP, inefficient intake structure, insufficient carrying capacity of transmission pipeline, as well as insufficient distribution pipeline system. Therefore these problems will be solved by the proposed project.

The details of the enhancement works are given below in Table 1.

Table 1: The details of the enhancement works

S. No.	Name of Structure	Existing	Additional	Total
1	No. and capacity of Reservoirs:	2(700cum)	None	2(700cum)
2	Treatment Facilities	1(6 lps, PST) Chlorination Unit	Chlorination Unit (Rehabilitation)	1(6 lps, PST) Chlorination Unit
3	Pipeline Length:			
3.1	Transmission	2.7 km	0.5 km	3.1 Km
3.2	Distribution	54 km	4.4 km	58.4 Km
3.3	Total	56.7 Km	4.9 Km	61.6 Kms
4	Chlorination Unit with lab	None	1	1
5	Surface Intake/Borehole Drilling	Surface Intake 2 TW 2	SS Rehab	4

5. The technical components are designed with close coordination with safeguard team and WUSC executive members to avoid involuntary resettlement impacts. Among the components to be rehabilitated, all the components like Intake, WTP, reservoirs, transmission pipeline etc are already existing in place. The new Chlorination unit with lab is to be constructed within the existing OHT premises. Therefore no additional land is required for the construction of proposed works.

6. A due diligence process was conducted for proposed project sites and alignments in line with the Resettlement Framework prepared for the Third STWSSSP and ADB SPS 2009. This report describes the findings and provides copies of relevant legal documents, resolutions, minutes of meetings and photographs. Upon project implementation, the Social Safeguards Officer at PMO will be required to undertake a review of this due diligence, prepare a confirmation letter or report documenting any modifications for the subprojects in Bardhaghat Water Users Committee and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction.

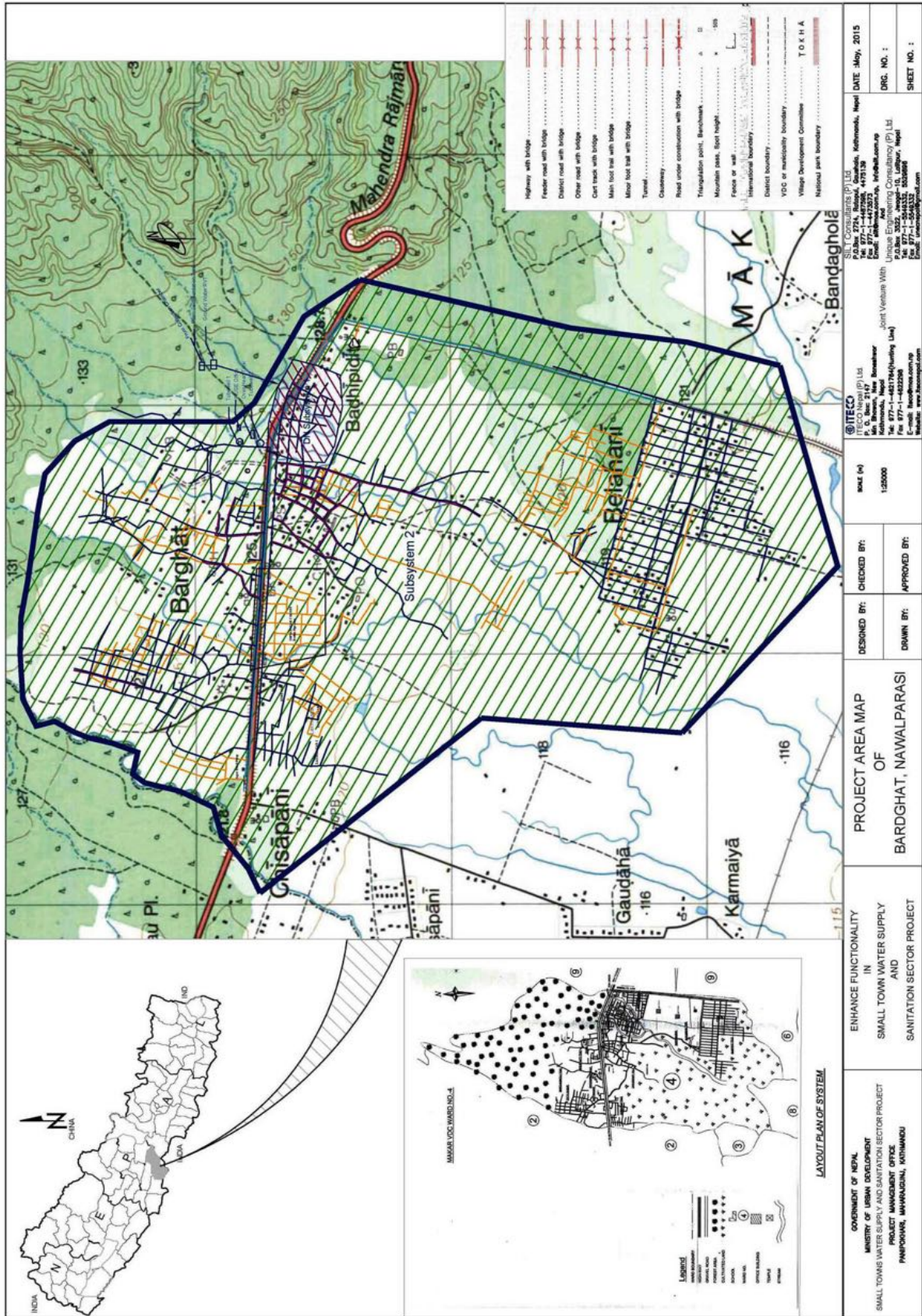


Figure 1: Map of Bardhaghat Water Supply Subproject

III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION

A. Field Visit

7. Field visit to all proposed sites (i.e. sites with existing facilities proposed for continued use/rehabilitation, as well as new works including transmission main alignments, distribution pipeline alignment); and consultations with stakeholders were conducted to confirm land ownership and use, and the need for surveys and further consultations. It was confirmed that there is no need of land acquisition for this project.

B. Public Consultation

8. Consultations were undertaken with key stakeholders in line with ADB's requirements pertaining to environment and social considerations. Tools used for consultation were stakeholder meetings and Focus Group Discussions (FGD). Key concerns of the people related to the project and inclusion of poor in the drinking water supply scheme, willingness to pay, upfront cash collection, people's participation in project implementation were discussed.

9. During field visits to all proposed sites and pipeline alignments, potential impacts and mitigation measures were assessed and discussed with stakeholders. The consultations helped in identifying the felt needs/concerns and priorities of the stakeholders. The field visits/reconnaissance surveys also helped ascertain that no further surveys and inventories are required.

Table 2: Summary of consultations

Date	Location	No. of Participants	Participants	Topics Discussed	Issues Raised
2071/04/21	Water Users and Sanitation Committee Office	Male = 9 Total = 9	WUSC executive members, project safeguard team	Upgrading the water supply system, land requirement, environmental impacts	Ways and works to improve the supply system
2072/6/6	Water Users and Sanitation Committee Office	Male = 26 Female = 15 Total = 41	WUSC executive members, project safeguard team, community users	Land acquisition resettlement Environmental Impacts while implementing the proposed , "Enhance Functionality" in Small Town Water Supply and Sanitation Sector Project	Possible land for new works, Resettlement issues, environmental issues, Willingness for individual connections to water supply; Upgrading of existing reservoirs, treatment plant & water source. Water quality; Subsidy to the poor;

IV. RESETTLEMENT IMPACTS

A. SCOPE OF LAND REQUIREMENTS

10. The sub-project components for rehabilitation are proposed in the existing WUSC private land and government land. Existing facilities proposed for integration (continued use/rehabilitation within existing premises) include the DTWs, their associated reservoirs, treatment plants and transmission lines. The tube-well pumping and surface water system rehabilitation is proposed within the WUSC owned land. The transmission pipeline rehabilitation will be laid along the forest area parallel or on the existing transmission line alignment and therefore there is no need of land acquisition. The distribution pipeline will follow road's RoW (government land) for laying. The existing water supply system in Bardhaghat Municipality will be integrated with the proposed enhancement works.

11. No relocation impacts or impacts on structures are anticipated at any of the identified sites or alignments for water supply improvement proposals in Bardghat Project. Temporary impacts of network laying and house connections are limited to potential access disruptions for shops and residences. Land ownership documents for different sites with existing facilities, and a no objection letter and minutes of meeting/resolution to provide land for water supply facilities from the land owners are annexed to this due diligence report.

12. About 4.9 km long distribution network is proposed along public road within rights of way. No road closures will be required during construction; contractor to undertake construction on one side of the road first and on completion of the same, start work on the other side to minimize impact on traffic. The contractor will be required to provide signal at appropriate locations indicating available alternate access routes to minimize traffic disruptions. The contractor will have to ensure access to shops and residences using simple wooden walkways where required and limit the excavation to a length of 500 m at a time to minimize disruption. Construction contracts will include the above provisions.

13. Provision of 4,446 house connections for the year 2030, will be made by WUSC according to the demand. They are not included in the cost estimation, therefore it will not cause any environmental or social impacts. However there will be temporary disruptions in access to residences during connection distribution process. The contractor will be required to maintain access to the public mobility if required during construction period. Table 3 gives details of IR impacts of each proposed subproject component.

Table 3: Proposed sub-project components Bardhaghat Municipality Water Supply Sub-project and their involuntary resettlement impact status

Overview of Impacts	Area (sq.m)	Land Ownership	IR Impacts	IP Impacts	Proposed mitigation measures
Rehabilitation works					
Tube well maintenance		Existing	No significant impact	None	
Rehabilitation/Construction of new works in intake intake		Existing	Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
		Existing	Impact on vegetation	None	Removal of vegetation
Protection and maintenance		Existing	Diversion of spring	None	Construction of check dam and gabion
Landslide stabilization work		Existing	Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
Pipe line change		Existing	Impact on vegetation	None	Removal of vegetation
Leakage improvement		Existing	Not significant impact	None	
Plain sedimentation tank		Existing	No any significant impact	None	
Installation of chlorination unit		Existing	Excessive use may be detrimental	None	Avoid excessive use
		Existing	Leakage through storage	None	Maintain proper storage to avoid leakage
Maintenance of reservoir		Existing	No significant impact	None	
Network rehabilitation activities/ Additional distribution network		Existing	Traffic disturbance	None	Arrangement for traffic diversion with traffic
		Existing	Air pollution due to operation of power generator	None	Dust reduction and emission should be controlled
		Existing	HHs water distribution	None	Intermittent supply

V. SOCIO-ECONOMIC PROFILE

14. The project was completed under STWSSP – 1 in 2008. Bardhaghat is the fastest growing town in eastern Nepal, where in-migration trend is very high due to the prevailing security situation in neighboring hill districts of Ilam, Taplejung, Panchthar and Terthum. Also there are high opportunities of employment and business opportunities in Bardhaghat. Market area of Anarmani (Bardhaghat and Birta Bazar) is compact. The neighboring VDCs of Arjunthara, Charpane etc. are also developing at a rapid pace.

15. This is evident from the statistical figure of Anarmani VDC. The 1999 population of Bardhaghat Bazaar (Anarmani VDC) is 27320 with 17816 households (own house) and 9504 (rented house). Of the total house owning population of 17816 the number of those born in the VDC itself comprises of 4577. Those from inside the district number 7045 and those from other parts of the country are 4907, There is significant number of immigrants from India: 1184.

16. The major sources of income in the service area are business, agriculture and remittance. The dependency on nonagricultural activity in the VDC is around 75 %. There are several industries in the area. The major industry is agro-based. Tea is a significant one. Tea estates and small tea packaging are operating in the area. Rice mills, oil mills are important industries. This is the main transport centre of the area. Garages and repair shops for motor vehicles abound the main road area. Other industries under operation are construction, service industry including computer and IT. There is a significant part of the population depending upon transport service.

17. The major ethnic castes in the proposed project area are Brahman, Chhetri, GiriTamang, Limbu, Kami, Damai, Sarki, Newar, Gurung, Rai etc. Similarly, there are also minority ethnic groups such as Rajbansi, Choudhary, Satar, Meche and Muslim etc. residing in the proposed service area

18. There is a sub Health Post in the VDC with 8 staff, a Village clinic, a vaccination clinic, and number of women Health volunteers and trained midwife. Besides a Mary Stopes Centre and Nepal Family Planning Association Clinic are providing service. There is a good water supply system in the main bazaar area. Of the 3260 households 1181 have connection from the town supply. 1939 HH have only tubewell for drinking water. 140 have dug wells. Even those HH, which have connection to the town supply, have tube well.

VI. INFORMATION DESSIMINATION

19. The DDR is publicly available in Water Users and Sanitation Committee office, District Water Supply and Sanitation Division Office, Project Management and Implementation Support Team, Project Implementation Unit. Further, the DDR is translated in local i.e. Nepali language and made available in WUSC and project regional/district office. The report is also made available to any requester including PAF and related stakeholder.

VII. GRIEVANCE REDRESS

20. The WUSC assigns one executive member as focal person to handle grievances of the Project Affected Persons (PAF) who are not satisfied with the procedure of the preparation of DDR and project implementation. The deputed member with representative of supervision consultant and contractor will settle the grievances. The WUSC in facilitation of project staffs will check the level of follow-up on these grievances and share observations. If the AP is not satisfied by the resolution the team, it will forward to executive committee of WUSC. The WUSC committee will ensure the grievances are addressed and AP is satisfied. Again if AP is not satisfied the resolution made by WUSC executive committee, it will forward chief district officer.

VIII. CONCLUSIONS

21. The subproject has insignificant impact on land and livelihood of PAF. It doesn't require dislocating any private and public structures. There is no land acquisition and therefore it doesn't have any significant impact in livelihood of PAF. Similarly compensation cost is not required for the implementation of this sub project. but the water fetching time is reduced. It doesn't require dislocating any private and public structures and hence falls under the B category of ADB guidelines and this DDR is prepared.

Appendix I: IR & IP Screening Checklist

**INVOLUNTARY RESETTLEMENT AND INDIGENOUS PEOPLE
SCREENING CHECKLISTS**

A. Introduction

1. Each project/subproject/component needs to be screen for any involuntary resettlement impacts and indigenous people impacts which will occur or already occurred. This screening determines the necessary action to be done by the project team.

B. Information on project/subproject/component:

- a. District/ Administrative Name: Nawalparasi
- b. Location: Bardghat Municipality
- c. Civil work dates (proposed): February 15, 2016 to August 15, 2017
- d. Technical Description: It is an enhancement project and only rehabilitation type of works will be carried out. Intake, reservoir, WTP, pipeline and other facilities will be rehabilitated. New chlorination shed with lab will be constructed in the existing WTP complex. No other new works are proposed.

Country

Nepal

Subproject Name

Bardghat Small Town Water Supply and Sanitation Project

C. Screening Questions for Involuntary Resettlement Impact

A. Probable Involuntary Resettlement Effects	Yes	No	Not known	Remarks
Involuntary Acquisition of Land				
1. Will the project include any physical construction work?	√			Intake, RVT, WTP, pipeline and chlorination shed with lab
2. Does the proposed activity include upgrading or rehabilitation of existing physical facilities?	√			
3. Will there be land acquisition?		√		There will be no land acquisition because the land possessed by WUSC is sufficient for Intake and Chlorination Shed with Lab.
4. Is the site for land acquisition known?				N/A
5. Is the ownership status and current usage of land to be acquired known?				N/A
6. Will easement be utilized within an existing Right of	√			The pipe laying will be carried out

Way (ROW)?				along the right of way as far as possible in order to avoid the private land loss and to minimize the other possible adverse impacts.
7. Will there be loss of shelter and residential land due to land acquisition?				N/A
8. Will there be loss of agricultural and other productive assets due to land acquisition?				N/A
9. Will there be losses of crops, trees, and fixed assets due to land acquisition?				N/A
10. Will there be loss of businesses or enterprises due to land acquisition?				N/A
11. Will there be loss of income sources and means of livelihoods due to land acquisition?				N/A
Involuntary restrictions on land use or on access to legally designated parks and protected areas				
12. Will people lose access to natural resources, communal facilities and services?		√		There is no any designated park and protected area in or near to the project.
13. If land use is changed, will it have an adverse impact on social and economic activities?				N/A
14. Will access to land and resources owned communally or by the state be restricted?				N/A
Information on Displaced Persons:				
<p>Any estimate of the likely number of persons that will be displaced by the Subproject? [√] No []</p> <p>Yes []</p> <p>If yes, approximately how many? <u>None</u></p>				
<p>Are any of them poor, female-heads of households, or vulnerable to poverty risks? [√] No [] Yes</p>				
<p>Are any displaced persons from indigenous or ethnic minority groups? [√] No [] Yes</p>				

2. Indigenous Peoples Impact Screening Checklist

KEY CONCERNS (Please provide elaboration on the Remarks column)	YES	NO	NOT KNOWN	Remarks
Indigenous Peoples Identification				
1. Are there socio-cultural groups present in or use the subproject area who may be considered as "tribes" (hill tribes, scheduled tribes, tribal peoples), z"minorities" (ethnic or national minorities), or "indigenous communities" in the subproject area?		√		The service area of the subproject is heterogeneous in terms of ethnicity/caste & culture, and no specific territory of indigenous people or socio-cultural groups has been observed. Most indigenous people in subproject areas are economically and politically integrated into the mainstream society, and considering the nature and scale of the subproject, impacts on indigenous peoples are insignificant.
2. Are there national or local laws or policies as well as anthropological researches/studies that consider these groups present in or using the subproject area as belonging to "ethnic minorities", scheduled tribes, tribal peoples, national minorities, or cultural communities?		√		
3. Do such groups self-identify as being part of a distinct social and cultural group?		√		
4. Do such groups maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories?		√		
5. Do such groups maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?		√		
6. Do such groups speak a distinct language or dialect?	√			The ethnic groups in the service area speak their own distinct language among their members, but Nepali is spoken as common language.
7. Has such groups been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against?	√			Dalits and Janajati groups have been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against to some extent.
8. Are such groups represented as "Indigenous Peoples" or as "ethnic minorities" or "scheduled tribes" or "tribal populations" in any formal decision-making bodies at the national or local levels?	√			

B. Identification of Potential Impacts

KEY CONCERNS (Please provide elaboration on the Remarks column)	YES	NO	NOT KNOWN	Remarks
9. Will the subproject directly or indirectly benefit or target Indigenous Peoples?	√			The subproject directly benefits the Indigenous/Janajati because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status.
10. Will the subproject directly or indirectly affect Indigenous Peoples' traditional socio-cultural and belief practices? (e.g. child-rearing, health, education, arts, and governance)		√		
11. Will the subproject affect the livelihood systems of Indigenous Peoples? (e.g., food production system, natural resource management, crafts and trade, employment status)		√		
12. Will the subproject be in an area (land or territory) occupied, owned, or used by Indigenous Peoples, and/or claimed as ancestral domain?		√		
C. Identification of Special Requirements <i>Will the subproject activities include</i>				

13. Commercial development of the cultural resources and knowledge of Indigenous Peoples?		√		
14. Physical displacement from traditional or customary lands?		√		
15. Commercial development of natural resources (such as minerals, hydrocarbons, forests, water, hunting or fishing grounds) within customary lands under use that would impact the livelihoods or the cultural, ceremonial, spiritual uses that define the identity and community of Indigenous Peoples?		√		
16. Establishing legal recognition of rights to lands and territories that are traditionally owned or customarily used, occupied or claimed by indigenous peoples ?		√		
17. Acquisition of lands that are traditionally owned or customarily used, occupied or claimed by indigenous peoples ?		√		

D. Anticipated subproject impacts on Indigenous Peoples

Subproject component/ activity/ output	Anticipated positive effect	Anticipated negative effect
1. Intake, RVT, WTP, and chlorination shed with lab	Regular water supply through efficient water supply system	None
2. Pipeline Works (Excavation, pipe laying and backfilling)	Regular water supply through improved distribution network.	None

Appendix II: Minutes of Meeting

English Translation of Minute of Meeting - Phase II

Bardghat Small Town Water Supply Sanitation and User's Committee organized a public hearing workshop on 2072/6/6. Participation was made from all concerned stakeholders. After discussion in the public hearing it was observed that there will be no negative impacts on the environment, no necessity of land acquisition and no need of resettlement while implementing the proposed "Enhance Functionality" in Small Town Water Supply and Sanitation Sector Project. As such it was decided to inform this conclusion to the concerned authorities.

बर्दघाट खानेपानी तथा व्यवस्थापन उपमंडला
संस्था बर्दघाट - ४ नवलपरासी

खानेपानी योजना का उपनिर्देशक
श्री कैशव विष्ट ज्यू, डेटा, सिस्टम, प्रोटेक्ट
ज का डिप्टी लिडर ज्यू, गार्डन डिजाइनर
का श्री सुकांत पन्त सर, प्राविधिक ज्यू एवं
इ वें आयोजना क्षेत्र का उपस्थित रहने
भरका अध्यक्ष ज्यू एवं पदाधिकारी तथा
समय ज्यू, सलाहकार ज्यू, व्यवस्थापक
ज्यू, डिजाइन कार्यालय का प्रतिनिधीत्व गर्ने
भरका इन्जिनियर सर एवं मा नम
स्कार ।

विशेष कन्सल्टेंट का गत माघ मा
आयोजना क्षेत्र मा गई आयोजना मा देखा
पैदा आवश्यक योजना एवं कार्य एवं
को अध्ययन गरि रिपोर्ट पेश भएको
मा बर्दघाट का पेश भएका प्रति
आवश्यक कार्य एवं मा प्राथमिकता
को आधार मा दुई भाग मा बाँटि
कृत गरी २०२२ र २०३० को Design
गरी रिपोर्ट तथा गरिएको पाइपलाइन
समस्या एवं अन्य देखा आयोजना को
रूपमा देखा । तथापि निर्माण सुचारु

द्विभाजन
का कार्य यह जून अतिकार्य इन ति रूरा
हइ हाले प्राध्यायीकना मा रायी कार्य
गनी अकरी हे।

(1) पर्बधार हाइवे पश्चिम तर्फ मूलायलाइन
दरीक 300 मिटर Di pipe राउन परे
देकीक। [9x0 mm के पाइप]
(2) इयोही मूलाय लाइन का वितरण लाइन
प्रसारण गरि लहली नगर डीजना अरु
राइड काट दोहोरो पाइपलाइन विरुधाइ
परे अतिकार्य देकीक हे।

(3) वितरण टैलोनी मा म्हीपुर्ब डीजना
नया पाइप लाइन वितरण गर्ने परे
देकीक।

(4) अल्प चोम्बर हइ 2 धान मात्र देकी
पदा ले आकण्ड इन्चानहइ मा
करि 90 हाइ हइ मा अल्प चोम्बर
हइ Wash out Unit हइ राउन परे
देकीक।
(fire hydrant system) ~~अतिकार्य~~
हइ

(5) हाल ईचालन मा देईका Deepwell
2 and लाई राइथाथ operating गर्न
मिली गरी 'electric system, panel
board section (wiring and cable
ing मिलाउन परे देकीक। मात्र पाने
चितरण मा छडी राइमता ल्याउन एरिइ

(6) Lab test house एवं आकण्ड
Lab equipment हेर आकण्ड
के लागी budgeting गर्ने परे देकीक।
(8) ~~के~~ का (ground cable) ~~अरु~~ एका लके
मार्ग मिलाई

(9) जगत मूलाय स्रोत को RVT (2x20)
को RVT tank layer मा Wash
out अकण्डित गण्डने कार्य गरि।

(10) जगत मूलाय स्रोत बाट कलेक्टरन
अकरी पानी कलेक्टरन चोम्बर बाट
overflow अकरी के तर्फ अकरी
लाई RVT मूलाय लाइन को लागी
हाल ल्याइके 80 mm को Parcel
line 6x mm बराबर को करि
हइ

Management Prob.

1) Billing Software मास मध्ये का
Full Account Software का
आवश्यकता!

2500 फिटर लम्बाई का पत्र देखा है।

5) बायोमेट्रिक मास मीटर का लम्बाई
मिमी में का पत्र उपहार मगर लम्बा 2750 मिमी
मास का आकार का पत्र आकार में देखा है। दक्षिण
लाइन (दक्षिण) - 200 फिटर,

(40) ~~हजारों का लम्बाई का पत्र~~ ~~मास का पत्र~~ ~~मास का पत्र~~
~~मास का पत्र~~ ~~मास का पत्र~~ ~~मास का पत्र~~

90) मास मध्ये का पत्र का पत्र का पत्र
Treatment System System

22/09 2015 13:51 FAX 0097714622295

ITECO NEPAL (P) LTD.

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शुभ मिति ... २०७३।९।६ ... मा **वर्दघाट खाना शहरी** खानेपानी तथा सरसफाई उपभोक्ता समितिको आह्वानमा सरकारीबाधाहरू सम्वन्धित एक भन्दाको आयोजना गरियो । सो भेलामा छलफल हुदा हालै चालु हुनु लागेको खानेपानी क्षमता अतिवृद्धि कार्यक्रम (Enhance Functionality in Small Town Water Supply and Sanitation Sector Project) कार्यान्वयन गर्दा बाधावरणमा कुनै प्रतिफल असर नपर्ने, जसमा अग्रियहण गर्नु नपर्ने र पुनर्वासको व्यवस्था समेत गर्नुपर्ने देखिएकाले सोही अनुसार सम्वन्धित सबै सरकारीबाधालाई जानकारी गराएका छौं ।

उपस्थिति

क्र.सं.	नाम, धर	ठेगाना	हस्ताक्षर
१-	श्री कृष्ण सिंह थापा	भद्राङ्ग वर्दघाट खानेपानी	[Signature]
२-	श्री राम कुमार कुवर	उपाध्यक्ष "	[Signature]
३-	श्री इन्द्र कुमार थापा	साथी "	[Signature]
४-	श्री दिल कुमार कुवर	प्रेमनाथपुरा "	[Signature]
५-	श्री कृष्ण थापा	वर्दघाट "	[Signature]
६-	श्री ललिता शर्मा	"	[Signature]
७-	श्री हिरा कुमारी चौधरी	"	[Signature]
८-	श्री राजेन्द्र शुनार	"	[Signature]
९-	श्री जोग व. थापा	"	[Signature]
१०-	श्री रामजी लौठारी	लेखा रक्षक	[Signature]
११-	श्री जुन कुमार श्रेष्ठ	साथी	[Signature]
१२-	श्री शकुन्तला चौधरी	"	[Signature]
१३-	श्री धीरज शर्मा	शुभलाक्ष्मी	[Signature]
१४-	श्री शुक्र प्रकाश उपाध्याय	"	[Signature]
१५-	श्री शैल कान्त पाठे	प्राविधीय सदस्य	[Signature]
१६-	श्री हरि प्रसाद ढकाल	ITECO Nepal	[Signature]
१७-	श्री [Signature]	"	[Signature]

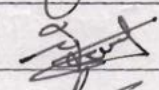
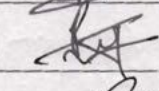
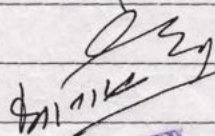


[Signature]
कृष्ण सिंह थापा
 अध्यक्ष

क्र.सं	नाम थर	ठेगाना	हस्ताक्षर
१८-	श्री नैच शंकर जिरी	वर्दघाट-४ उपकोठ	श्री नैच शंकर जिरी
१९-	श्री नैच ब. के.सी.	वर्दघाट-४ "	श्री नैच ब. के.सी.
२०-	श्री उमा देवि चौधरी	वर्दघाट-४ "	उमा
२१-	श्री उमाकला पराजुली	वर्दघाट-४ "	उमा कला
२२-	श्री विजु खोड	वर्दघाट-४ "	विजु खोड
२३-	श्री बुद्धि लाम्छि	वर्दघाट-४ "	बुद्धि लाम्छि
२४-	श्री शोभाएर आधिकारी	वर्दघाट-४ "	शोभाएर
२५-	श्री कमला चुंडाली	वर्दघाट-४ "	कमला
२६-	श्री रम प्रसाद सुवेदी	वर्दघाट-४ "	रम प्रसाद
२७-	श्री जयि बहादुर थापा	वर्दघाट-४ "	जयि
२८-	श्री कृष्ण मगर	वर्दघाट-४ "	कृष्ण
२९-	श्री उमाकला पंगेनी	वर्दघाट-४ "	उमा
३०-	श्री राम बहादुर शाना	वर्दघाट-४ "	राम
३१-	श्री पविता शर्मा घिमिरे	वर्दघाट-४ "	पविता शर्मा
३२-	श्री बाबु राम घिमिरे	वर्दघाट-४ उपकोठ	बाबु राम
३३-	श्री प्रकाश शर्मा	" "	प्रकाश
३४-	श्री तुलसा शर्मा	" "	तुलसा
३५-	श्री गिता शर्मा	" "	गिता शर्मा
३६-	श्री राज कुमार चौधरी	वर्दघाट-४ "	राज कुमार
३७-	श्री कल्पना कुवंर	वर्दघाट-४ "	कल्पना
३८-	श्री विवेक कुंवर भुसाल	आयलप धनसहाय	विवेक



कमला सिंह थापा
अध्यक्ष

३३-	श्री लोट व. गुरदुङ्ग	वर्काल-४	Hand
३०-	श्री नैत गायना कठाल	"	
२९-	श्री प्रमोद कर्माल	"	
२८-	श्री पुर्ण व. शापल	"	



उज्ज्वल रिठ थापा
अध्यक्ष

Appendix III: Photographs



Photo No. 1



Photo No. 2



Photo No. 3



Photo No. 4



Photo No. 5



Photo No. 6