

Due Diligence Report

Project number: 35173-013
January 2016

NEP: Third Small Towns' Water Supply and Sanitation Sector Project – Bardibas, Mahottari District

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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Government of Nepal
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

**Bardibas Small Towns Water Supply and Sanitation Sector Project
Mahottari District**

Kathmandu, January 2016

Submitted by:

Joint Venture in Between



ITECO Nepal (P) Ltd.
P. O. Box 2147
Min Bhawan, Kathmandu, Nepal
Tel: ++977-1- 46 21 764 (Hunting Line),
Fax : ++ 977-1- 46 22 298
E-mail: iteco@mos.com.np
Website: www.iteconepal.com



SILT Consultants (P) Ltd.
P.O. Box 2724
Ratopul, Gaushala, Kathmandu, Nepal
Tel: ++977-1-44 87 598, 44 75139
Fax: ++977-1-44 73 573
E-mail: silt@mos.com.np,
info@silt.com.np
Website: www.silt.com.np



**Unique Engineering
Consultancy (P) Ltd.**
P. O. Box 3522, Jwagal-10, Lalitpur, Nepal
Tel: ++977-1-55 49 332, 55 29 896
Fax: ++977-1-55 49 332
E-mail: unecnepal@gmail.com
Website: www.unecnepal.com.np

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

Table of Contents

	Page
I. INTRODUCTION	1
A. Introduction	1
B. Proposed Subproject Components	1
II. SUBPROJECT DESCRIPTION	1
A. Proposed components	1
III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION	4
A. Field Visit	4
B. Public Consultation	4
IV. RESETTLEMENT IMPACTS	5
A. SCOPE OF LAND REQUIREMENTS	5
V. SOCIO-ECONOMIC PROFILE	8
VI. INFORMATION DESSIMINATION	8
VII. GRIEVANCE REDRESS	8
VIII. CONCLUSIONS	9

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 9 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 Bardibas 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. 1 to 9 of former Bardibas VDC and ward no 1 & 2 of Gauribas VDC (Now Bardibas Municipality). The total households of the wards of selected service area are 3,394 and total population is 17,174 excluding the institutional population in 2014.

II. SUBPROJECT DESCRIPTION

A. Proposed components

4. The Bardibas sub-project has been conceptualized as a surface water supply system. The bulk of the water comes from the surface source by gravity. A considerable portion of water also comes from the sub-surface through infiltration gallery constructed by the side of Ratu river. The system has full water treatment system in place. The system is operating with low efficiency because of low production compared to demand, non functioning WTP as well as lack of sufficient water storage. The transmission line is also weak at some points creating pipe breakage at some points and at some period of time creating irregularities and insufficient supply. Therefore these problems will be solved by the proposed project.

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

Table 1: The details of the enhancement works

S N	Name of structure	Existing	Additional	Total
1	No.& capacity of Reservoirs	3(630 cum)	1(360 cum)	4(990 cum)
2	Treatment Facilities	1(20 lps, HRF,SSF) Chlorination Unit	1(21 lps, SSF) Chlorination Unit (Rehabilitation)	2 (41 lps)
3	Pipeline Length			
3.1	Transmission	11.5 km	2.0 km	13.5
3.2	Distribution	35 km	5.2 km	40.2
3.3	Total	46.5 Km	7.2km	53.7
4	Chlorination Unit with lab and room	None	2	2
5	Surface Intake/Borehole Drilling	Sub surface Intake 2	Sub surface Intake 1	3
6	Fire hydrant	None	Three	Three

6. The technical components are designed with close coordination with safeguard team and WUSC executive members to avoid involuntary resettlement impacts. Among the components for treatment plant and RVT 1,017.28 sq m and 245.32 sq m land are required respectively. The WUSC has already acquired the required area and owns 2032.83 sq m of land which is sufficient to construct the structures. The ownership certificate is attached.

7. 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 Bardibas Water Users Committee and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction.

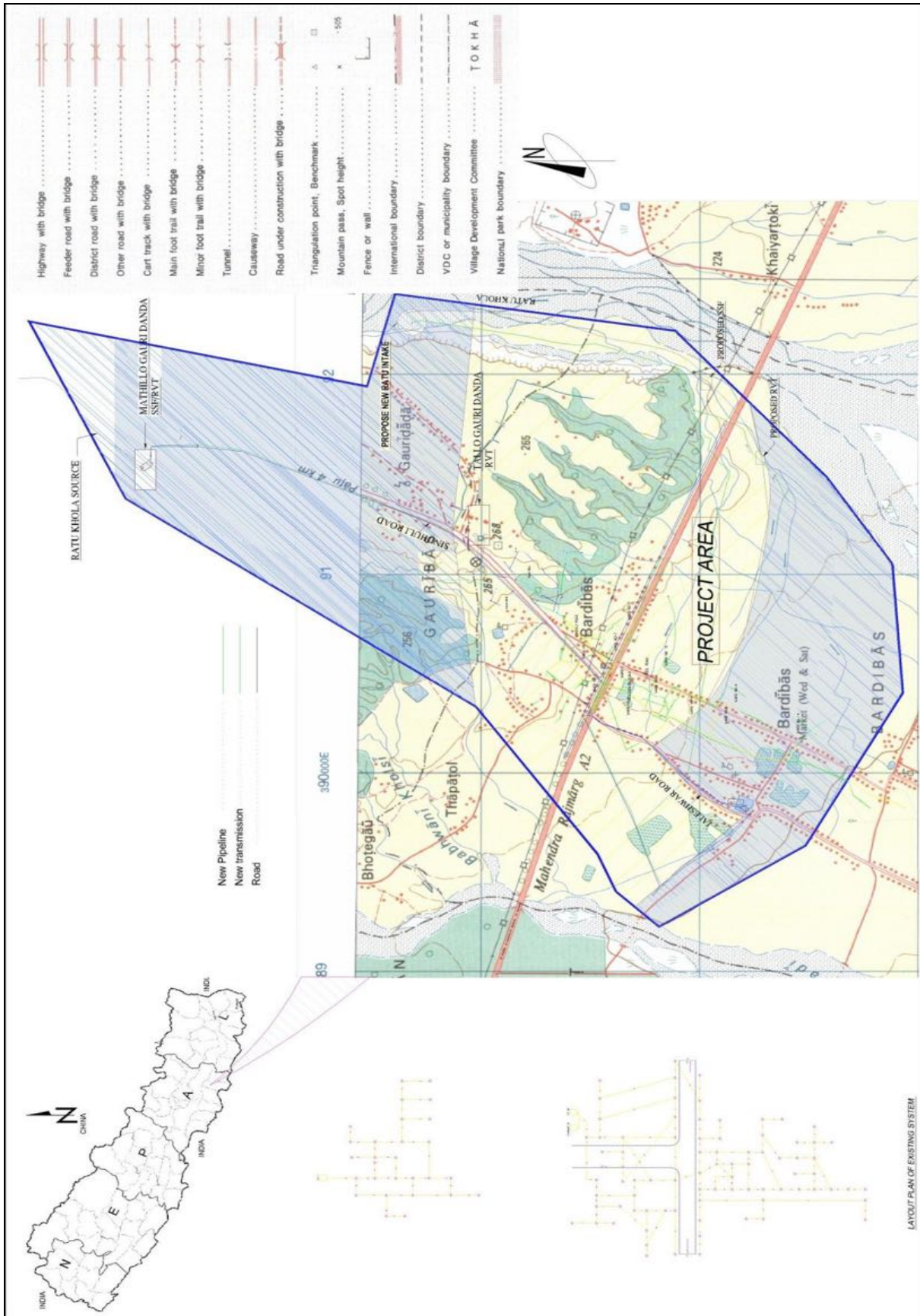


Figure 1: Map of Bardibas Water Supply Subproject

III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION

A. Field Visit

8. Field visit to all proposed sites (i.e. sites with existing facilities proposed for continued use/rehabilitation, as well as new OHT site), 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. Available land ownership documents for identified components were also collected during field work.

B. Public Consultation

9. 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.

10. 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
2071/03/25	Water Users and Sanitation Committee Office	Male = 9 Female = 3 Total = 12	WUSC executive members, project safeguard team	Upgrading the water supply system due to increase in demand	Means and required construction/rehabilitation works to improve supply
2072/6/7	Water Users and Sanitation Committee Office	Male = 42 Female = 15 Total = 57	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

11. The sub-project components are proposed both in WUSC private land and government land. Existing facilities proposed for integration (continued use/rehabilitation within existing premises) include the surface water intake with infiltration gallery, transmission pipeline, Water Treated Plant and reservoir. The intake shall be constructed in the recently acquired land at ward number 4. The WTP and reservoir shall be constructed in the recently acquired land in ward number 1 of the municipality. Transmission lines will be laid along the side of existing irrigation canal which is government owned land. The rehabilitation of the treatment plant will be done within the treatment plant complex. The land ownership certificate is presented in Appendix1. The distribution pipeline will follow road's RoW (government land) for laying. The existing water supply system in Bardibas Municipality will be integrated with the proposed enhancement works.

12. No relocation impacts or impacts on structures are anticipated at any of the identified sites or alignments for water supply improvement proposals in Bardibas 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.

13. About 7.2 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.

14. Provision of 5,886 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 provides details of land availability, ownership status at the sites where new facilities are proposed and Table 4 gives details of IR impacts of each proposed subproject component.

Table 3: Component wise Land Requirement

Ownership status	Adress	Parcel no.	Total area (sq. m)	Required land (sq.m)	Comoponents	Remarks
GoN land, Ownership to use the land for water supply purpose to WUSC	Bardib as 4		338.81	245.32	Intake	
GoN land, Ownership to	Bardib as-1				Treatment plant	

Ownership status	Adress	Parcel no.	Total area (sq. m)	Required land (sq.m)	Comoponents	Remarks
use the land for water supply purpose to WUSC			1694.03	1,017.28	and RVT	

No additional land is required for other project structures, because they are rehabilitation works.

Table 4: Proposed sub-project components Bardibas Municipality Water Supply Sub-project and their involuntary resettlement impact status

Components	Area Required (sq m)	Area Available (sq.m)	Land Ownership	IR Impacts	IP Impacts	Proposed mitigation measures
Construction of new intake	245.32	338.81		Diversion of river	None	Construction of check dam and gabion
				Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
				Impact on vegetation	None	Removal of vegetation
Construction of Reservoir (360 cum)	1,017.28	1694.03	Existing	Excavation of earth	None	Proper disposal of excavated materials and use of protection measures
Impact on land scaping and slope				None	Adequate excavation in proper way/ ownership	
Protection and maintenance			Existing	Diversion of river	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 laying			Existing	Impact on vegetation	None	Removal of vegetation
Leakage improvement			Existing	Not significant impact	None	
Maintenance of Slow sand filter			Existing	No any significant impact	None	
Media replacement of slow sand filter			Existing	Minor impact (site specific)	None	
Construction of Slow Sand filter			Existing	Impact of excavation of earth	None	Proper disposal of excavated materials and use of protection measures
				Impact on landscaping and slope	None	Adequate excavation in proper way/ ownership
Installation of chlorination chamber			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 any significant impact	None	
Installation of fire hydrant			Existing	Minor impact	None	Traffic diversion
Network rehabilitation activities/ Additional distribution network			Existing	Traffic disturbance	None	Arrangement for traffic diversion with traffic
			Existing	Air pollution	None	Dust reduction and emission should be controlled

V. SOCIO-ECONOMIC PROFILE

15. The project was completed under STWSSP – 1 in 2008. The total population of Bardibas and Gauribas VDCs was 14,674 residing in 2788 households. Among these, the service area covers only 6% and 32% of the total population and the total households of Gauribas VDC. However, the initial project covers almost 100% households and population of Bardibas VDC. The population of two VDCs covered by the initial Sub-project is 10,755 with 2,028 households. Brahmins and Chhetris are the most ethnic groups in Bardibas and Gauribas VDCs, whereas, Magars, Jhas, Mahotos, Tamangs, Chamars, Doms, Mushahars, Nepalis and Bishwokarmas are the other groups residing in the area.

16. Deteriorating water quality, unsanitary condition and lack of personal hygiene are often blamed for the prevalence of water borne diseases. Diseases like diarrhea and dysentery are the most common in VDC and other diseases like skin irritation; infection and coughing etc are also common. Besides tuberculosis, encephalitis and malnutrition were reported during field observation. There is one health post in the project area to treat ordinary diseases. Lack of medicines and technical health workers at local area, it has become very difficult for local.

17. The sanitary situation of the project area is moderate. The main commercial area of Bardibas and bazaar is located in ward no. 1, 2 and 7. out of total households, 57.75% of the household have toilet facilities within the project area. Pour flush and vented improved pit latrines with ring water seal slab are the common types of latrines in the project area. There is only one Public toilet with 5 rooms in the vegetable stalls of Bardibas VDC, which is maintained by VDC itself. The households without toilet facilities use both side of the road and bank of a river for defecation. Bardibas is the nodal point, which has the way to head towards Sindhuli, Jaleswor, Janakpur and Kathmandu.

18. In the market area, the majority households have their own latrines. The situation is different in other residential areas where few households have their own latrines. As a whole, have access to latrine facilities. Rest of the population practices open defecation at nearby fields, forests and bank of local streams. The only one Leprosy hospital is available on the neighbor Lalgadh VDC. Few medical facilities are available in Bardibas bazaar. The VDCs are doing very little effort for the management of waste products. The VDC has appointed sweeper to clean, collect and dispose the waste especially only in the core market area of Bardibas VDC which is disposed in the nearby jungle. The people out of the market area, keeping livestock and animal husbandry, dispose it individually.

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 forwarded chief district officer.

VIII. CONCLUSIONS

21. The subproject has insignificance impact on land and livelihood of PAF. It doesn't require dislocating any private and public structures. The land acquisition doesn't have significant impact in livelihood of PAF but the water fetching time is reduced. The land is required for the construction of intake, WTP and reservoir but the required land is already owned by the WUSC. That is to say that the structures will be built in the existing land. Therefore compensation cost is not required for the implementation of this sub project. 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: Land Ownership Certificate



नेपाल सरकार
बर्दिवास नगरपालिका कार्यालय
बर्दिवास, महोत्तरी

०४४-४४०६७५

पत्र संख्या : ०७२/०७३
च.नं. :- ०११५

मिति : २०७२/१०/१३

विषय : योजना संचालनको लागि जग्गा उपलब्ध गराईएको बारे ।

श्री बर्दिवास साना शहरी खानेपानी तथा सरसफाई उपभोक्ता संस्था
बर्दिवास महोत्तरी ।

उपरोक्त सम्बन्धमा बर्दिवास नगरपालिका वडा नं. १, २, ३ र ४ मा संचालनमा रहेको खानेपानी योजना विस्तारको क्रममा आ.व. २०७२/२०७३ मा संचालन हुने थप योजना निर्माणको लागि आवश्यक पर्ने जग्गा को लागि तँहा कार्यालयको च.नं. ३८१ मिति २०७२ साल पौष १२ गते को पत्रानुसार माँग भई आएको ले तपशिलका जग्गा तपशिलका योजना संचालनका लागि उपलब्ध गराईएको ब्यहोरा अनुरोध ।

तपशिल

क्र.सं.	योजनाको नाम	योजना हुने स्थान	क्षेत्रफल
१	पानी मुहान (इन्टेक)	ब.न.पा. ४ रातु/सुन्दरी खोला दोभान	०-१-०
२	स्लोस्याण्ड फिल्टर / आर.वि.टि टयांकी निर्माण	ब.न.पा. १ चिया बगान उत्तर बेल गाछी	०-५-०

(Signature)
०७/१०/१३
ति. प्रमुख एवं कार्यकारी अधिकारी

Appendix II: 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: Mahottari
- b. Location: Bardibas Municipality
- c. Civil work dates (proposed): February 15, 2016 to November 15, 2016
- d. Technical Description: It is an enhancement project and only rehabilitation type of works will be carried out. New works include Intake, RVT and Treatment Plant. The WTP, pipeline and other facilities will be rehabilitated.

Country

Nepal

Subproject Name

Bardibas Small Town Water Supply and Sanitation Project

C. Screening Questions for Involuntary Resettlement Impact

A. Probable Involuntary Resettlement Effects	Yes	No	Not	Remarks
Involuntary Acquisition of Land				
1. Will the project include any physical construction work?	√			Intake, RVT and Treatment Plant
2. Does the proposed activity include upgrading or rehabilitation of existing physical facilities?	√			
3. Will there be land acquisition?	√			A total of about 2 Ropani 8 Ana i.e. 1271.6 sq.m. of land (1017.28 sq.m for Treatment Plant and RVT, and 245.32 sq.m for intake at Ratukhola) needs to be acquired. There will be no other land acquisition because the land that the WUSC already possessed can be used for the Chlorination Unit with Lab (1 no.) and Chlorination Room (1 no.).
4. Is the site for land acquisition known?	√			
5. Is the ownership status and current usage of land to be acquired known?	√			Non-agricultural public land

6. Will easement be utilized within an existing Right of Way (ROW)?	<input checked="" type="checkbox"/>			The pipe laying will be carried out along the right of way as far as possible in order to avoid the private land and to minimize the other possible adverse impacts.
7. Will there be loss of shelter and residential land due to land acquisition?		<input checked="" type="checkbox"/>		
8. Will there be loss of agricultural and other productive assets due to land acquisition?		<input checked="" type="checkbox"/>		Since the land to be acquired is non-agricultural public land, there will be no impact on agricultural and other productive assets.
9. Will there be losses of crops, trees, and fixed assets due to land acquisition?		<input checked="" type="checkbox"/>		
10. Will there be loss of businesses or enterprises due to land acquisition?		<input checked="" type="checkbox"/>		
11. Will there be loss of income sources and means of livelihoods due to land acquisition?		<input checked="" type="checkbox"/>		
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?		<input checked="" type="checkbox"/>		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?		<input checked="" type="checkbox"/>		A very small size of land acquisition will not have significant impact on social and economic activities.
14. Will access to land and resources owned communally or by the state be restricted?		<input checked="" type="checkbox"/>		
Information on Displaced Persons:				
Any estimate of the likely number of persons that will be displaced by the Subproject?				
Yes				<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
If yes, approximately how many? _____ None _____				
Are any of them poor, female-heads of households, or vulnerable to poverty risks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				
Are any displaced persons from indigenous or ethnic minority groups? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				

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), "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. Civil Works (Construction of Chlorination unit with Lab, Chlorination Room, Chlorination Unit, WTP(Slow Sand filter), Intake at Ratukhola, Sump Well at Ratukhola, , RVT-360 cum)	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 III: Minutes of Meeting

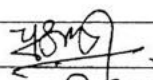
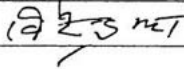
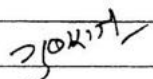
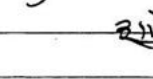

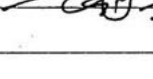
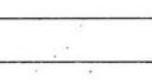
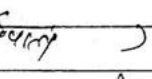
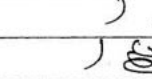
English Translation of Minute of Meeting - Phase II

Bardibas Small Town Water Supply Sanitation and User's Committee organized a public hearing workshop on 2072/6/7. Participation were 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.

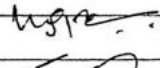

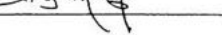
शुभ्य मिति २०६९ साल आषाढ २२ गतेका दिन श्री कामोपना तथा सह
 सहा उपमैत्री सेवा विकासको अध्यक्ष श्री बुद्धमणी पोखरेल अहो
 अध्यक्षतामा साथ नया विकास कोष काठमाण्डौ, ईस्ट नेपालका युनिटीका
 अध्यक्ष श्री उपमैत्रीका निम्न विषयमा उप इलभल गर्न निम्नका कार्य
 सामाजिकको कुरा वहा।

Bardibas

उपमैत्री

- १. अध्यक्ष - श्री बुद्धमणी पोखरेल 
- २. उपाध्यक्ष - श्री विरेन्द्र शर्मा 
- ३. सचिव - श्री रमेश कुमार महता 
- ४. उपाध्यक्ष - श्री गणराज पोखरेल 
- ५. सदस्य - श्री डीपेन्द्रा शर्मा 
- ६. सदस्य - श्री प्रवीण शर्मा 
- ७. सदस्य - श्री तेजो कुमारी गौतम 
- ८. सदस्य - श्री देवप्रसाद शर्मा 
- ९. सदस्य - श्री रमेश कुमार गौतम 

सामन्त

- श्री हरि ठकाल (नया विकास कोष ईस्ट नेपाल) 
- श्री शुभाश्रवाण पन्त (नया विकास कोष) 
- श्री बाबु बडुली (ईस्ट नेपाल) 

प्रस्तावः -

- १. नया कामोपनाको सम्बन्धमा।
- २. नया विकास कोषको वकालती मुलाना गर्न सम्बन्धमा।
- ३. विधि
 - १. अन्तर्गत नया कामोपना इलभल गर्दा परामर्शदाता ईस्ट नेपाल, नया विकास कोष तथा प्रमुख विकास तथा सहायता उपमैत्री सेवा विकास कोष इलभल गर्ने स्थानीय स्विकार समित्यो तथा नया कामोपनाको कामोपनाको विषयमा जानकारी लिने गराइने।
 - २. अन्तर्गत नया कामोपना इलभल गर्दा प्रमुख स्थानीय विकास समितिबाट नया कामोपनाको वकालती मुलाना गर्ने कामोपनाको निर्माण काम १६ महिना भित्र सम्पन्न हुने हुदा नया विकास कोष तथा प्रमुख

सहाय्यी ३० अथ (सहाय्यी अथवा तमा आवाजना ठाम) वरदानको लागि
रूप सहाय्यी शुल्क) गरी बाँकी राखी तर्फको रु. २६,८३,०३१/०८ (द्विविध
रु. अन्तर्गत रकम (अथवा तमा आवाजना ठाम) वरदानको लागि आदि ०६९ हाल
काषा १६ तमा आवाजना ठाम) गरी निर्णय पाएर गरीमा।

(Handwritten signatures and stamps)
महोत्तरी
Bardibas
१९८५

आजमिति २०७२ साल आश्विन ७ गते विहिवार दिनको २:०० बजेको समयमा यसै बर्दिवास साना शहरी खानेपानी तथा सर-सफाई उपभोक्ता संस्थाको आम्कानमा सरोकारवालाहरु सम्मिलित एक भेलाको आयोजना गरियो । सो भेलामा छलफल हुदाँ हालै चालु हुन लागेको खानेपानी क्षमता अभिवृद्धि कार्यक्रम(Enhance Functionality in Small Town Water Supply and Sanitation Sector Project) कार्यान्वयन गर्दा वातावरणमा कुनै प्रतिकूल असर नपर्ने, जग्गा अधिग्रहण गर्नु नपर्ने र पूनर्वासको व्यवस्था समेत गर्नु नपर्ने देखिएकाले सोहीअनुसार सम्बन्धित सबै सरोकारवाला लाई जानकारी गराएका छौं ।

उपस्थिती

क्र.सं.	नाम, थर	ठेगाना	हस्ताक्षर
१	श्री चन्द्रकान्त डा	वातावरण विड डीका डीकर कुनीकुम्भी	
२	श्री राम कृ. ठाकुरी	बर्दिवास न.पा. प्रमुख	
३	श्री सुडाभाषि पौडेल	बर्दिवास न.पा. ५. सं. बर्दिवास	
४	श्री. विरेन्द्र म्या	बर्दिवास न.पा. ५. सं. उपाध्यक्ष	
५	गुठाराज पौडेल	बर्दिवास न.पा. ५. सं.	
६	बैकुण्ठ कोइराला	बर्दिवास न.पा. ५. सं.	
७	शुद्धिकला देहाल	बर्दिवास न.पा. ७ बर्दिवास	
८	उमेशका डाँडा	बर्दिवास न.पा. - ४	
९	प्रेम सुब्बा	नेर ४० पाठ - माकोवादी	
१०	गुलही प्रसाद कोइराला	बर्दिवास न.पा. ४ गाँडोडा	
११	केदार कोइराला भा.बा. - श्रीदेउराली ड.पा. वि. बर्दिवास		
१२	सत्यराज बाल	बर्दिवास - १	
१३	चिपण्ड कर्बत	११ - ११	
१४	सतीश कोइराला	११ - ११	
१५	दिपा लामा	बर्दिवास - ४	
१६	बाल सुभाषी		
१७	सकिला थापा	बर्दिवास - ४	

१८	श्रीराम कुर्जनम	वर्दिबास न.पा. १	लेरु
१९	नाजरेव श्राव	सा.वि.का घैरवी मन्च नेपाल	लेरु
२०	सु.ज.प. श्राव	ने. डा.ले कर्मिडा.ले.का.प.	लेरु
२१	कुल वसुन्दा सि.प.	वर्दिबास - ३	लेरु
२२	धर्मपाम नौपाके	उपवा.सि.का.प.का.प.का.प.	लेरु
२३	ले वसुन्दा श्राव	वर्दिबास न. - ३	लेरु
२४	अमर-धामला	। ।	अमर
२५	शारदा काप	वर्दिबास - १	लेरु
२६	इ.प.माया खपाडे	" - १	इ.प.माया
२७	ब्रह्म बहादुर खरे	वर्दिबास १०	लेरु
२८	सुनतपरिमा	वर्दिबास - १	लेरु
२९	बलभामा	वर्दिबास ३	बलभामा
३०	सरस्वतीमिस	वर्दिबास - १	लेरु
३१	अमुना पारवरेल	" "	लेरु
३२	वसुन्दाप्रसाद चौधरी	न.पा. ११	वसुन्दाप्रसाद
३३	बलभामा श्राव	" १	लेरु
३४	श्रेणामाणे क्षेत्री	" १	लेरु
३५	लक्ष्मिनकावण मन्ते	" २	लेरु
३६	बामप्रताप मन्ते	" १	लेरु
३७	अम्बिका प्र.गौतम	" ११	लेरु
३८	स.प.क. पापि	" ११	लेरु

४०	नरपुत्र	बर्दिया	१
४१	नरपुत्र	बर्दिया	१
४२	राम देव	बर्दिया	१
४३	अधना	बर्दिया	१
४४	रामा देव	बर्दिया - ४	४
४५	पारिजात देव	बर्दिया - ४	४
४६	अणुदेवि शाही	बर्दिया - ४	४
४७	रामबाबु महता	बर्दिया - १	१
४८	अमिता कुमारी	बर्दिया - २	२
४९	विमला देवि कापल	बर्दिया - ५	५
५०	विद्या देवि	बर्दिया - १	१
५१	देवी का पाप	बर्दिया - १	१
५२	शुभा देवि	बर्दिया - १	१
५३	सुदिता देवि	बर्दिया - १	१
५४	विद्या देवि	बर्दिया - १	१
५५	विद्या देवि	बर्दिया - १	१
५६	विद्या देवि कापल	बर्दिया - १	१
५७	देवी देवि	बर्दिया - १	१
५८			
५९			
६०			
६१			

Appendix IV: Photographs



Photo No. 1



Photo No. 2



Photo No. 3



Photo No. 4



Photo No. 5



Photo No. 6