

# Due Diligence Report

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Project number: 35173-013  
January 2016

## NEP: Third Small Towns' Water Supply and Sanitation Sector Project – Kawasoti, 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

**Kawasoti Small Towns Water Supply and Sanitation Sector Project  
Kawasoti, 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 <sup>2</sup>	–	square meter
Mm	–	millimeter
m <sup>3</sup>	–	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 12 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 Kawasoti 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 no1, 2, 3,5, 6 & 7 of Shiv Mandir VDC and ward nos. 5 & 6 of Kawasoti VDC (Now Kawasoti Municipality. The total households of the wards of selected service area are 7,101 and total population is 38,360 excluding the institutional population in 2014.

## **II. SUBPROJECT DESCRIPTION**

### **A. Proposed components**

4. The Kawasoti sub-project has been conceptualized as a combination of surface water and groundwater pumping system. The bulk of the water comes from the surface source with full water treatment system. The system is operating with low efficiency because of non functioning WTP as well as lack of sufficient water storage. The transmission line is often damaged by flood during the rainy season, 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. No.	Name of Structure	Existing	Enhancement Works	Total
1	No. and capacity of Reservoirs:	3(1,100 cum)	1(450 cum)	4(1,550 cum)
2	Treatment Facilities	2(54 lps, HRF, SSF) Chlorination Unit	Rehab of WTP & Chlorination Unit (Rehabilitation)	2(54 lps)
3	Pipeline Improvement length:			
3.1	Transmission	3.6 km	2.5 km	6.1 Km
3.2	Distribution	170km	10.6km	180.6 Km
3.3	Total	173.6 Km	13.1 Km	186.7 Km
4	Chlorination Unit with lab	None	3	3
5	Surface Intake/Borehole Drilling:	Surface Intake 3 TW 2	Rehab of 2 TW 1	Surface 3 TW 3

6. The technical components are designed with close coordination with safeguard team and WUSC executive members to avoid involuntary resettlement impacts. Among the components, Deep well and OHT requires 317.9 sq. m. The WUSC has already acquired the required area and owns (1 Bighha 7 Kathha and 4 Dhur) 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 Kawasoti Water Users Committee and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction.

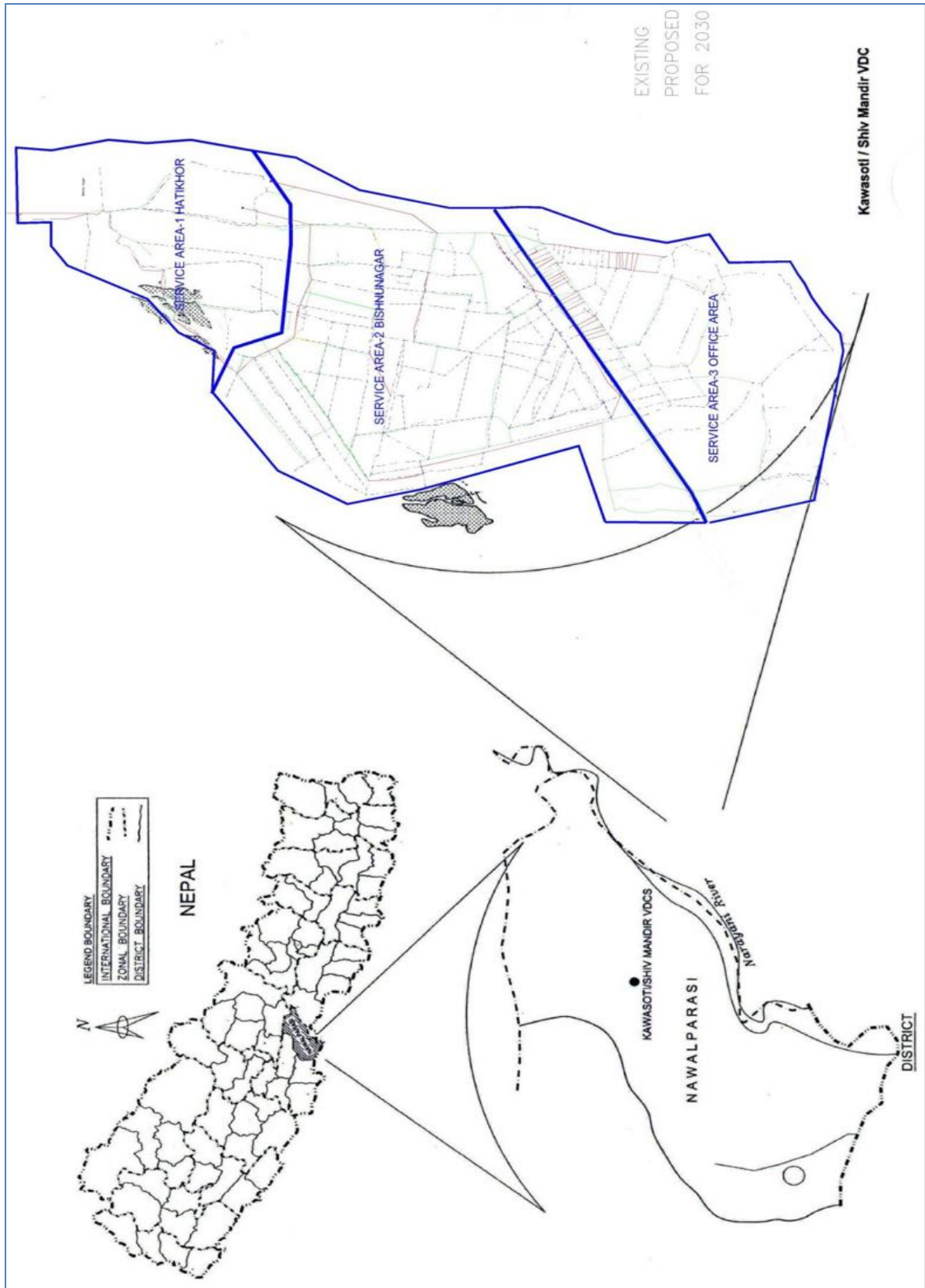


Figure 1: Map of Kawasoti Water Supply Subproject

### 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
2072/6/8	Water Users and Sanitation Committee Office	Male = 51 Female = 25 Total = 76	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 DTWs, their associated reservoirs, treatment plants and transmission lines. The tube-well pumping and surface water system is proposed within the WUSC owned land. The rehabilitation of the treatment plant will be done within the treatment plant complex and the new TW and OHT will be constructed within the existing office building area where other structures are also present and the area is protected by compound wall. The land is owned by WUSC. The land ownership certificate is presented in Appendix 1. The transmission pipe will be laid along the bank of the river in



parallel with the existing transmission line and 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 Kawasoti 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 Kawasoti 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 13.1 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 12,405 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**

<b>Ownership status</b>	<b>Address</b>	<b>Parcel no.</b>	<b>Total area</b>	<b>Required land (sq.m)</b>	<b>Components</b>	<b>Remarks</b>
Ownership to use the land for water supply purpose to WUSC	Kawasoti 7 and 8		1 bigha, 7 katha 4 dhur (9,215.5 sq m)	317.9	Tube well and OHT	WUSC has already acquired

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

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

Components	Capacity	Area (sq.m)	Land Ownership	IR Impacts	IP Impacts	Proposed mitigation measures
<b>Reservoir (OHT)</b>	450 cum	317.9	Existing	Impact of excavation of earth	None	Proper disposal of excavated materials and use of protection measures
				Impact on landscaping and slope		Adequate excavation in proper way/ ownership
<b>Rehabilitation of reservoir</b>					No significant impact	
<b>Construction of new tube well</b>	1 number				Ground water reduction	None
<b>Rehabilitation/Construction of new intake</b>	NA		Existing	Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
				Impact on vegetation	None	Removal of vegetation
Protection and maintenance	-		Existing	Diversion of River	None	Construction of check dam and gabion
Maintenance of Tube well	2 number		Existing	No significant impact	None	
<b>Transmission line</b>						
Landslide stabilization work			Existing	Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
Pipe line laying	13.1 km			Impact on vegetation	None	Removal of vegetation
<b>Treatment plant</b>					None	
Maintenance of Horizontal roughing filter	54 lps		Existing	No any significant impact	None	
Rehabilitation of new pressure filter			Existing	No significant impact	None	
Installation of chlorination unit			Existing	Excessive use may be detrimental	None	Avoid excessive use
				Leakage through storage	None	Maintain proper storage to avoid leakage
					None	

Components	Capacity	Area (sq.m)	Land Ownership	IR Impacts	IP Impacts	Proposed mitigation measures
					None	
<b>Distribution line</b>						
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
				HHs water distribution	None	Intermitted supply
Electrical and mechanical repairment			Existing	Noise pollution and oil spillage	None	Sound muffler installed and proper management of waste oil

## **V. SOCIO-ECONOMIC PROFILE**

15. The project area comprises Shiv Mandir Village Development Committee (VDC), Ward Nos. 1-3 and 5-7, and Kawasoti VDC, Ward Nos. 5-6. The Project is located in the Nawalparasi District of the Western Development Region.

16. There are more than 12 ethnic groups in this proposed project area with Brahmin, Chhetri, being the major ethnic groups, whereas Magar, Gurung comes in the 2nd rank and other occupational castes are in the minority groups. All the ethnic groups speak Nepali. Other regional languages like Bhojpuri, Abadhi, Magaretc, are also spoken in the region. Most of the people of the project area believe in Hindu religion. Buddhism comes in the second rank whereas Muslims and Christians are also found sporadically distributed.

17. The literacy rate of Kawasoti is estimated to be 75.2% on an average. Agriculture is the most important economic activity of the project area. Apart from this, the following areas are the other income producing activities within the project areas, viz: working in offices & academic institutions, trade & commerce (business), labors.

## **VI. INFORMATION DESSIMINATION**

18. 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**

19. 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 be forwarded to chief district officer.

## **VIII. CONCLUSIONS**

20. The subproject has insignificant impact on land and livelihood of PAF. It doesn't require dislocating any private and public structures. The land donation doesn't have significant impact in livelihood of PAF but the water fetching time is reduced. The land is required for the construction of TW and the OHT 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**

श्री ५ को द-कार  
आवास तथा भौतिक योजना मन्त्रालय

## खानेपानी तथा ढल निकास विभाग

**कावासोती खानेपानी योजना**  
**स्वामित्व पत्र [लाल पुर्जा]**

जिल्लाको जिल्ला खानेपानी कार्यालय र तल उल्लेखित उपभोक्ता समिति बिच  
मिति..... मा सम्झौता भै मिति... ०२५/१६५ ग्रा निर्माण सारपठन भएको निम्न  
खानेपानी योजनाको स्वामित्व उक्त उपभोक्ता समितिलाई विधिवत रूपले प्रदान  
गरि यो स्वामित्व पत्र (लाल पुर्जा) प्रदान गरिएको छ ।

**खानेपानी योजनाका**

नाम:- **कावासोती खानेपानी योजना**  
स्थल:- **शिवमन्दिर बाई १ देखि ६ सम्म (४५ गाउँ)**  
**कावासोती बाई ५ र ६**

सम्बन्धित उपभोक्ता समितिको:  
नाम:- **कावासोती खानेपानी उपभोक्ता समिति**  
गाउँ विकास समितिको नाम:- **शिवमन्दिर र कावासोती**  
लाभान्वित घर पुरो संख्या:-  
जन संख्या:- **१६६६५ जना**  
भार/दुम्बेल संख्या:- **साईजनिङ - १५०**

स्वामित्व प्राप्त गर्ने:-  
उपभोक्ता समितिको अध्यक्षको  
नाम:- **विष्णु प्रसाद पुषाल**  
महोत्तर:-  
समितिको छापा:-

स्वामित्व प्रदान गर्ने:-  
कार्यालय प्रमुखको:- **ओज विक्रम थापा**  
नाम:-  
बही:- **Arjuna Bm. ५१**  
कार्यालयको छापा:-

२०५७



प्राप्त पत्र संख्या र मिति :  
पत्र संख्या :-  
च. नं. :-

O.K

नेपाल सरकार  
वन तथा भू-संरक्षण मन्त्रालय  
**वन विभाग**

४-२२७५७४  
४-२२०३०३  
४-२२१२३१  
४-२१६३७९  
४-२२१७४४  
फ्याक्स : ४-२२७३७४



(क्षुप्या पत्रोत्तरमा प्राप्त पत्र संख्या  
र मिति उल्लेख गर्नुहोला ।)

बबरमहल,  
काठमाडौं, नेपाल

२३१०६३६४ नं. COC

मिति:-०६३१६२२

विषय:- निर्णय कार्यान्वयन सम्बन्धमा ।

श्री जिल्ला वन कार्यालय,  
नवलपरासी ।

उपरोक्त सम्बन्धमा कावासोती साना शहरी खानेपानी तथा सरसफाई आयोजनालाई वन क्षेत्रको जग्गाको भोगाधिकार उपलब्ध गराउने विषयको प्रस्ताव नेपाल सरकार (मन्त्रिपरिषद) को मिति २०६३।१।२६ को बैठकबाट "प्रस्तावमा लेखिए बमोजिम गर्ने" निर्णय प्राप्त हुन आएकोले सो निर्णय आवश्यक कारवाहीको लागि यसैसाथ संलग्न गरी पठाइएको व्यहोरा आदेशानुसार अनुरोध छ भनी वन तथा भू-संरक्षण मन्त्रालय योजना जनशक्ति महाशाखा प.सं.यो.१०६३६४। नं.१६४ च.नं.५११ मिति २०६३।१।३० को पत्रबाट लेखि आएको हुँदा निर्णयअनुसार कार्यान्वयन गर्न हुन निर्णयको प्रतिलिपि यसैसाथ संलग्न गरी पठाइएको व्यहोरा आदेशानुसार अनुरोध छ ।

*[Handwritten signature and date]*  
२०६३/३/२२

*[Official stamp]*



निर्णय भएको व्यहोरा :

- क) नवलपरासी जिल्लाको कावासोती साना शहरी खानेपानी तथा सरसफाई आयोजनाको लागि आवश्यक पानी प्रशोधन केन्द्र तथा पानीपोखरी निर्माण गर्नका लागि सोही जिल्लाको शिर्ष मन्दिर गा.वि.स. वडा नं ७ र ८ मा क्रमशः ०-१०-० र ०-१७-४ विगाहा गरी जम्मा १-७-४ (एक विगाहा सात कठ्ठा चार धुर) वन क्षेत्रको जग्गाको स्वामित्व वन तथा भू-संरक्षण मन्त्रालयमा नै रहने गरी साना शहरी खानेपानी तथा सरसफाई आयोजनालाई भोगाधिकार उपलब्ध गराउने ।
- ख) उक्त आयोजनाले वन क्षेत्र प्रयोग गरे बापत वन नियमावली, २०५१ को अनुसूची २० बमोजिमको दस्तुर नेपाल सरकारलाई बुझाउने ।
- ग) उक्त क्षेत्रमा रहेका साल, सिसौ र टिक प्रजातिका ३ वटा रुखहरूको संरक्षण सोही आयोजनाले नै गर्ने ।
- घ) आयोजनाले जिल्ला वन कार्यालय, नवलपरासीसँग समन्वय गरी हटाउनुपर्ने विरुवाहरूको १:२५ को अनुपातमा आयोजनाकै खर्चमा वृक्षारोपण गरी पाँच वर्षसम्म संरक्षण र व्यवस्थापन गरी जिल्ला वन कार्यालयलाई हस्तान्तरण गर्ने ।
- ङ) जिल्ला वन कार्यालय, नवलपरासी, पश्चिमाञ्चल क्षेत्रीय वन निर्देशनालय, पोखरा र आयोजना कार्यालयबाट उपरोक्त कार्यहरूको नियमित अनुगमन गरी सो सम्बन्धी जानकारी वन विभाग र वन तथा भू-संरक्षण मन्त्रालयलाई समेत गराउने ।
- च) अन्य कुराहरूको हकमा प्रचलित ऐन नियम बमोजिम हुने ।



## **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: Nawalparasi
- b. Location: Kawasoti Municipality
- c. Civil work dates (proposed): February 15, 2016 to January 15, 2017
- d. Technical Description: It is an enhancement project and only rehabilitation type of works will be carried out. New works include one number of TW and one OHT. The WTP, pipeline and other facilities will be rehabilitated.

Country

Subproject Name

**C. Screening Questions for Involuntary Resettlement Impact**

A. Probable Involuntary Resettlement Effects	Yes	No	Not known	Remarks
<b>Involuntary Acquisition of Land</b>				
1. Will the project include any physical construction work?	√			Construction of TW and OHT
2. Does the proposed activity include upgrading or rehabilitation of existing physical facilities?	√			
3. Will there be land acquisition?	√			About 10 Ana (317.9 sq.m.) of land is required for the construction of Deep Tube-well and OHT, which is need to be acquired. There will be no other land acquisition because the land available within the WUSC premises is sufficient for other structures.
4. Is the site for land acquisition known?	√			Government Land to be used, government has granted permission.
5. Is the ownership status and current usage of land to be acquired known?	√			
6. Will easement be utilized within an existing	√			The pipe laying will be carried out

A. Probable Involuntary Resettlement Effects	Yes	No	Not known	Remarks
Right of 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?		√		
8. Will there be loss of agricultural and other productive assets due to land acquisition?		√		
9. Will there be losses of crops, trees, and fixed assets due to land acquisition?		√		
10. Will there be loss of businesses or enterprises due to land acquisition?		√		
11. Will there be loss of income sources and means of livelihoods due to land acquisition?		√		
<b>Involuntary restrictions on land use or on access to legally designated parks and protected areas</b>				
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?		√		
14. Will access to land and resources owned communally or by the state be restricted?		√		
<b>Information on Displaced Persons:</b>				
Any estimate of the likely number of persons that will be displaced by the Subproject? [√] No [ ]				
Yes If yes, approximately how many? _____ None _____				
Are any of them poor, female-heads of households, or vulnerable to poverty risks? [√] No [ ] Yes				
Are any displaced persons from indigenous or ethnic minority groups? [√] No [ ] Yes				

**D. Indigenous Peoples Impact Screening Checklist**

KEY CONCERNS (Please provide elaboration on the Remarks column)	YES	NO	NOT KNOWN	Remarks
<b>Indigenous Peoples Identification</b>				
1. Are there socio-cultural groups present in or use the subproject area who may be considered as "tribes" (hill tribes, schedules 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

KEY CONCERNS (Please provide elaboration on the Remarks column)	YES	NO	NOT KNOWN	Remarks
				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?	√			

**E. Identification of Potential Impacts**

KEY CONCERNS (Please provide elaboration on the Remarks column)	YES	NO	NOT KNOWN	Remarks
	√			The subproject directly benefits the Indigenous/Janajati because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status.
9. Will the subproject directly or indirectly benefit or target Indigenous Peoples?				
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)		√		

<b>KEY CONCERNS</b> (Please provide elaboration on the Remarks column)	<b>YES</b>	<b>NO</b>	<b>NOT KNOWN</b>	<b>Remarks</b>
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?		√		
<b>C. Identification of Special Requirements</b> <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?		√		

**F. Anticipated subproject impacts on Indigenous Peoples**

<b>Subproject component/ activity/ output</b>	<b>Anticipated positive effect</b>	<b>Anticipated negative effect</b>
1. Civil Works (Deep Tube-well, OHT, Chlorination Unit with Lab, Chlorination Shed, Transmission Line Protection etc.)	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**

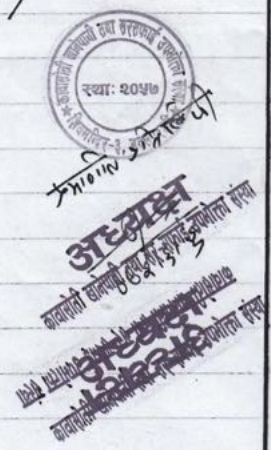
Kawasoti Small Town Water Supply Sanitation and User's Committee organized a public hearing workshop on 2072/6/6. Participation were made from all concerned stakeholders. After discussion in the public hearing it was observed that there will be no negative impacts on the environment, no necessity of 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.

कावासोती सात्रा शहरी (वाणिज्यी)  
तथा सरसकाइ उपभोक्ता  
संस्था

- # फेकडै रवाला पाइप विस्तारमा ज्याबिन तथा फीफ्टिड ठलउ बनाउनु पर्ने
- # आउमर हेड तथा भुएन (Challenger Improvement) आबोडना लेने जगिदिनु पर्ने)
- # बिष्णुना दैरि पूर्वकोल RVT सम्म पाइप विस्तार गर्नुपर्ने - १८०० मिटर
- # नवदुर्गा स्थल चाउ (बेल-चाउ देवि ग्रामिण चाउ, लामना चाउ हुदै हिल्थपाके चाउ सम्म) र कालिडा मा बिन्देवि हिल्थ पाइप चाउ सम्म, मेन प्रसाधा लाइन चपगनुपर्ने) ६०० मिटर
- # R.V.T तथा Treatment plant मा bypass styme बनाउनु पर्ने)
- # थकाली चाउ हेरवी उराको कावलोती वशी सम्म पाइप विस्तार गर्नु पर्ने - १ कि०मि

अज मिति २०६२ साल आश्विन ०६ गते बुधवाला दिन यस्कावासीको खानेपानी तथा सरसफाई उपकोषको हरेकमा प्राप्त आयोजना व्यवस्थापन कार्यालयको मिति २०६२/०६/०९ को चर्चे. १७७औं पत्रानुसार सेवाको अध्यक्ष श्री विष्णु प्रसाद भुसाल ज्यूको अध्यक्षतामा सहभागीवाला खानेपानी तथा सरसफाई उपकोषको सेवा, स्थानिय उपकोषको तथा पाठको वाला बीच सहजुल्ल दलदल गरि खानेपानी क्षमता अभिवृद्धि कार्यक्रम (Enhance Functionality in small town water supply and Sanitation sector project) कार्यान्वयन गर्दा वातावरणमा कुनै प्रतिकूल असर नपर्ने, जम्मा भूमिछाप गर्नु नपर्ने सम्झौता तथा पुनर्वासको व्यवस्था समेत गर्नु नपर्ने कुराको व्यवहार निशार्थक सहभागीवाला सर्वेका जानकारी गराउने निर्णय स्वसम्मत क्रियाे पातित गरियो।

- अध्यक्ष: श्री विष्णु प्रसाद भुसाल  
 उपअध्यक्ष: श्री बल बहादुर गुरुङ  
 सहायक अध्यक्ष: श्री श्री प्रसाद बाल्लोला  
 सदस्य: श्री राम बहादुर कार्की  
 " श्री चेत बहादुर रायचिपारे  
 " श्री कपिलाल कुँडेल  
 " श्री डोलाज उमे  
 " श्री मणिलाल अर्चुङ  
 " श्री धनश्याम तिमिल  
 " श्री विष्णु उमे  
 " श्री किम बहादुर मुन्गा  
 " श्री दुर्गा गुरुङ  
 " श्री सीता कुवर  
 " श्री सुबे विष्ट  
 " श्री गीता अर्याल  
 सेवा समीति सदस्य: श्री दिपक राजा लम्साल  
 श्री शालि एम सापकाय  
 श्री कद प्रसाद न्यौपान  
 अध्यक्ष: श्री हरि प्रसाद ठकाल, परमर्थादाता  
 सहायक: श्री राम बहादुर खड्का, १७





क्र.सं.	नाम	पेसा	घरनाम
१.	चैतनारायण विक्रम	का-९	चैतनारा
२.	शिव वहादुर के.शे.	"	
३.	दुर्गाफल लामिदाने	"	
४.	ओमनाथ विक्रमिना	"	
५.	शैलज रेग्मी	"	Resham
६.	गुमान सिंह वि.क	"	गुमानसिंह
७.	कृष्ण वहादुर जि.शे.	"	Umesh
८.	शिव हेमलाल पुजारी	का-८	Himanshu
९.	गुमलाल कुँवल	का-९	गुमलालकुँवल
१०.	देव प्रसाद खड्काल	का-९	देवप्रसाद
११.	गणेशराज पौडेल	का-९	
१२.	अरुण थापा	का-९	अरुणथापा
१३.	हरि प्रसाद थापाकोटा	का-९	
१४.	प्रेम वहादुर के.शे.	का-९	
१५.	दुर्गा राज लामिदाने	का-९	दुर्गा राज
१६.	धर्म वहादुर के.शे.	का-९	
१७.	रमण वहादुर के.शे.	का-९	
१८.	भाषा नेपाली	का-९	भाषा
१९.	अश्विना लामिदाने	का-९	अश्विना
२०.	फर्म वहादुर के.शे.	का-९	
२१.	उत्तर गुमा श्रेष्ठ	का-९	उत्तर
२२.	सूर्य हेमाल	का-९	
२३.	गुण वहादुर खड्काल	का-९	
२४.	देवराज थापाकोटा	का-९	
२५.	ओमनाथ थापाकोटा	का-९	ओमनाथ
२६.	अजित कुमार के.शे.	का-९	
२७.	श्याम खड्काल	का-९	
२८.	अश्विना खड्काल	का-९	
२९.	नेत्र प्रसाद खड्काल	का-९	
३०.	श्रीराम हरि थापाकोटा	का-९	

क्र.सं.	नाम	पता	ठेगाना	संख्या
३१.	सिद्ध कुमारी	का. ३	का. ३	३३६
३२.	गुरु देवी	भापा	का. ३	३३६
३३.	इन्दी अरुण		का. ३	३३६
३४.	शुभ लडका		का. ३	३३६
३५.	धनकुमारी सुना		का. ३	३३६
३६.	अपिता महला		का. ३	३३६
	धन कुमारी धिमरे		का. ३	३३६
३७.	माया नेपाली		का. ३	३३६
३८.	भगवती थापा		का. ३	३३६
३९.	प्रेम शर्मा भुलाल		का. ३	३३६
४०.	फुलीशरा राजा		का. ३	३३६
४१.	भगवती नेरे		का. ३	३३६
४२.	जानकी श. क.		का. ३	३३६
४३.	जेमती थापा		का. ३	३३६
४४.	बाल कुमारी जि.सी.०		का. ३	३३६
४५.	अजली वि.०		का. ३	३३६
४६.	सुमिता बोली		का. ३	३३६
४७.	दिपा राजा		का. ३	३३६
४८.	सुमित सुताव		का. ३	३३६
४९.	धनकुमारी थापा		का. ३	३३६
५०.	का. ३ ल. सा. प्र. डेरा		का. ३	३३६
५१.	राम फुवादी आधीकारी	६		३३६
५२.	रिंका थापा मगर	६		३३६
५३.	राम माया रवाती	६		३३६
५४.	पिताव परिवार	क. ३		३३६
	ज्वरु			३३६
५५.	प्रेम अंडारी	२		३३६
५६.	लक्ष्मण महला	२		३३६
५७.	बाबुमान थापा	६		३३६
५८.	पूर्व का. ग. म. ड.	२		३३६
५९.	लिखाए गाविस	२		३३६
६०.	का. ३ ल. सा. प्र. डेरा	८		३३६

क्र. सं.	नाम	ठा. नं.	पंचायत
६३.	दिपेन्द्र खनाल	का. नं. पा. ६	लुम्बिनी
६४	कै. वी. २५५४	" " ९	२५५४
६५.	हरिकला उपाध्याय	का. ६	
६६.	सुनिता महता	का. ९	सुनिता
६७	काठुण्ड डवाल	कावासोती-१	का. ३१०
६८	मोदनी प्र. लिमारी	कावासोती-२	
६९.	दोलराज खनाल	का. नं. पा. २	कोलाप
७०	पुमलाल महता	का. नं. पा. ६	कोलाप
७१	कैलाश राज सुवेदी	का. नं. पा. ६	
७२.	जनक सुवेदी	का. नं. पा. ७	
७३	सोमनाथ सुवेदी	का. नं. पा. ३	
७४	बाल सुवेदी ठाडा	का. नं. पा. २	
७५.	त्रेहंस डालेख	" " " - ८	हाडा
७६.	विम पुलाए पावसाडी	" " " - ८	

## **Appendix IV: Photographs**



*Photo No. 1*



*Photo No. 2*



*Photo No. 3*



*Photo No. 4*



*Photo No. 5*