

# Due Diligence Report

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Project number: 35173-013  
January 2016

## NEP: Third Small Towns' Water Supply and Sanitation Sector Project – Kusma, Parbat 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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**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  
**Kusma Small Towns Water Supply and Sanitation Sector Project**  
**Parbat District**

**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 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 Kusma 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, 3, 4, 5, 6, 7, 8, and 9, of Shivalaya VDC (Now Municipality). The total households of the wards of selected service area are 2,413 and total population is 13,342 excluding the institutional population in 2014.

## **II. SUBPROJECT DESCRIPTION**

### **A. Proposed components**

4. The Kusma Small Town Water Supply and Sanitation sub-project has been conceptualized as a gravity surface water system. The water for supply comes from the surface source and there is full water treatment system. The system is operating with low efficiency because of, low water production, low efficiency of WTP, less efficient distribution system, as well as lack of sufficient water storage. The transmission line is often damaged by landslides and pipe breakage, particularly 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	Additional	Total
1	No. and capacity of Reservoirs:	3(350cum)	2(350cum)	5(700 cum)
2	Treatment Facilities	2(25 lps, PST,SSF) Chlorination Unit	SSF (Extension) Chlorination Unit (Rehabilitation)	2(25 lps, PST,SSF) Chlorination Unit
3	Pipeline Length:			
3.1	Transmission	22.0 km	4.2 km	26.2 Km
3.2	Distribution	31 km	4.1 km	35.1 Km
3.3	Total	53.0 Km	8.3 Km	61.3 Kms
4	Chlorination Unit with lab	None	1	1
5	Surface Intake/Borehole Drilling:	Surface Intake 3	1(surface rehab)	3
6	Fire hydrant	One	Four	Five

6. The technical components are designed with close coordination with safeguard team and WUSC executive members to avoid involuntary resettlement impacts. Among the components, Reservoir tank requires 190.74 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 land is provided by the Municipality for use. 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 Kusma Water Users Committee and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction.

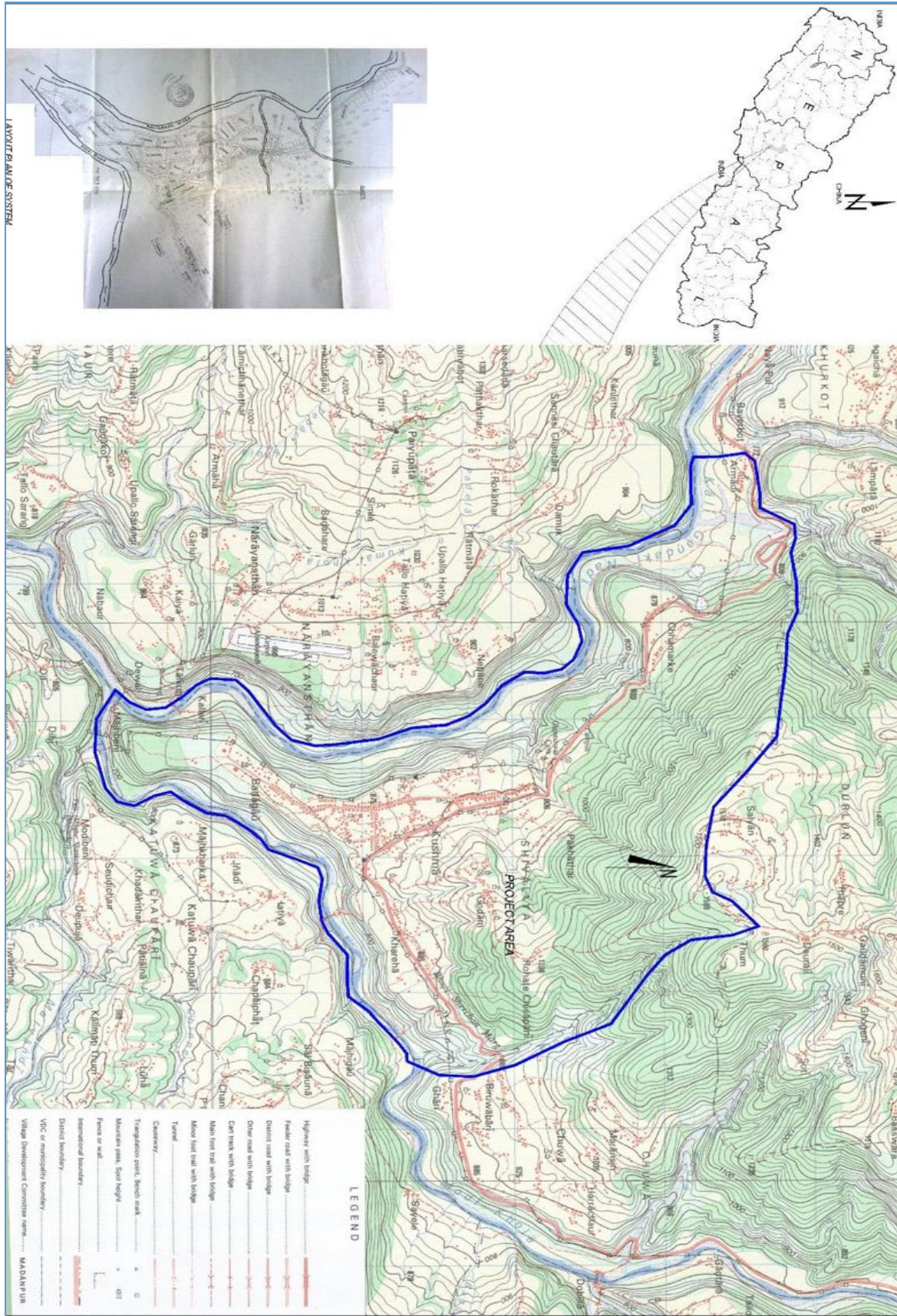


Figure 1: Map of Kusma Water Supply Subproject

### 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 reservoir 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
2071/8/12	Water Users and Sanitation Committee Office	Male = 8 Female = 1 Total = 9	WUSC executive members, project safeguard team	Upgrading the water supply system due to increase in demand	New sources, storage, water treatment, water quality. Means and required construction/rehabilitation works to improve supply
2072/6/7	Water Users and Sanitation Committee Office premises	Male = 47 Female = 9 Total = 56	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 sources, intakes, their associated reservoirs, treatment plants and transmission lines. The surface water system is proposed within the government land provided to the WUSC. The rehabilitation of the treatment plant will be done within the treatment plant complex and the new reservoir tank will be constructed in the land recently acquired by WUSC. The land ownership certificate is presented in Appendix 1. The transmission pipe will be laid along the forest area owned by the government and provided to WUSC for use, 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 Kusma 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 Kusma 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 8.3 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 4,712 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	Address	Parcel no.	Total area (sq. m)	Required land (sq.m)	Components	Remarks
Ownership granted to use the land for water supply purpose to WUSC	Kusma 8, Kareba		300	190.74	For RVT	The RVT of 250 cum will be constructed in the existing RVT complex at Chilaune Chautari where sufficient land is available.
Ownership	Kusma		1 bigha, 7		Rehab of WTP	The rehabilitation

Ownership status	Address	Parcel no.	Total area (sq. m)	Required land (sq.m)	Comoponents	Remarks
granted to use the land for water supply purpose to WUSC	7 Chilaune Chautari		katha 4 dhur (9,215.5 sq m)			of WTP, will be done in the existing WTP complex where land is available. The total area available is only about 400 sq m

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

**Table 4: Proposed sub-project components Kusma 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
Construction of new reservoir at kareba and Chilaune Chautari	190.74	WUSC	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
Construction of collection chamber		Existing	Landslide and erosion	None	Construction of check dam, gabion and bioengineering works
			Impact on vegetation		Removal of vegetation
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 change		Existing	Impact on vegetation	None	Removal of vegetation
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		Adequate excavation in proper way/ ownership
Installation of chlorination unit		Existing	Excessive use may be detrimental	None	Avoid excessive use
			Leakage through storage		Maintain proper storage to avoid leakage
Installation of fire hydrant		Existing	Minor impact (site specific)	None	Traffic diversion
Network rehabilitation activities/ Additional distribution network		Existing	Traffic disturbance	None	Arrangement for traffic diversion with traffic
			Air pollution due to operation of power generator		Dust reduction and emission should be controlled
			HHS water distribution		Intermittent supply

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

15. The population of the project area has been estimated within 5 to 10 years of age interval and it is found that majority of the population in the area (25.8%) fall within the age group of 10-19 years. Other significant size of population is recorded within the age group of 20-29 years (19.9%), 30 - 39 years (12.4%), 40 - 49 years (11.5%) 5 - 9 years (7.5%) etc. The percentage of economically inactive age group (60 years and above) is about 6.0 percent. The overall findings of the age group population is that majority of the project area population is economically active.

16. Majority of the households (94%) in the project area have toilet facility. However, in some of the wards a significant number of households lack toilet facility. The percentage of households that lack toilet facility is recorded maximum in ward number 9 (26%) followed by ward number 7 (25%), ward number 1 (3.8%), ward number 5 (3.1%) respectively.

17. Majority of the households in the project area uses two types of latrines: pour flush latrine (39.1%) and pit latrine (30.9%). Other types of latrine are: VIP latrine and cistern latrine that are used by 28.8 % and 1.2 % households respectively. Location wise maximum households that are using pour flush type of latrine are found in ward number 4 (79%), ward number 1 (56%) and ward number 3 (52%). Similarly, majority households of ward number 9 (60%) use pit latrine, 77 percent households of ward number 6 use pour flush type latrine while the largest number of households using cistern flush type of latrine is recorded in ward number 9 (8%).

## **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 forwarded chief district officer.

## **VIII. CONCLUSIONS**

20. The subproject has insignificance impact on land and livelihood of PAF. It doesn't require dislocating any private and public structures. The land acquired doesn't have significant impact in livelihood of PAF but the water fetching time is reduced. The land is required for the rehabilitation of WTP, construction of Reservoir tank at Chilaune Chautari and Kareba 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**



## भडखोरे सामुदायिक वन उपभोक्ता समूह

शिवालय मा.वि.स. वडा नं. १

हरहा, पर्वत

पत्र संख्या :- ०६२१००१  
चलानी नं. :- १६

मिति : २०६२/१०/११

विषय :- निर्वाय प्रतिपि पठाइएको बारे

श्री मान अह्यक्ष ज्यू,

कुस्मा खनिपानी तथा सर-सुफई संस्था  
- कुस्मा, पर्वत ।

प्रस्तुत विषयमा त्यस संस्थाबाट ट्याङ्गी विस्तार गर्ने काममा खरेहा वार्तिका लागी १०० घ० मी० को ट्याङ्गी निर्माण गर्न भडखोरे सामुदायिक वन ठलक नं २ को आवादी क्षेत्र र वनको सिमानामा रहेको खाली क्षेत्रमा निर्माण गर्ने योजना अनुरूप सो खाली क्षेत्रमा ट्याङ्गी निर्माण गर्दा वन क्षेत्रमा त्यति आधार तपने अन्य आवश्यक कुराहरु नेपाल सरकारमा मिति रहेको हुदा ट्याङ्गीको पर र माथिल्लो ट्याङ्गीको तल्लो भागमा अचिंत व्यवस्था मिलाइ दिनु हुन २०६१/११/२१ को समूहको निर्वाय प्रतिपि यसै साथ संलग्न राखी पठाइएको व्यहोरा अनुसंधेन

*(Signature)*  
०६२१/१०/११  
(खेमनाथ शर्मा)  
अह्यक्ष



# कुश्मा नगरपालिका कार्यालय



पत्र संख्या : ००२/००३

मिति : २००२/१०/१३

चलानी नं. : ३१२८

विषय : सिफारिस सम्बन्धमा ।

श्री Iteco Nepal (P) LTD

वानेश्वर, काठमाण्डौ

प्रस्तुत विषयमा शिवालय खानेपानी उपभोक्ता तथा सरसफाई संस्थाको मिति २००२।१०।१३ को च. नं. ६५ को पत्रमा आयोजना पुनर्स्थापना कार्यक्रमको माध्यमबाट सुधार विस्तार तथा स्तरोन्नती गर्ने प्रयोजनका लागि Rehabilitation programme संचालनको प्रक्रिया अगाडि बढेको ब्यहोरा अनुरोध गर्दै, खानेपानीका विभिन्न संरचनाहरू २ थान रिजर्भवायर टंकी र स्लोस्याण्ड फिल्टरको निर्माणका अतिरिक्त क्यादिखोला मूहानदेखि कु.न.पा.-८ स्थित रिजर्भवायर टंकीसम्म नयाँ प्रसारण पाईपलाईन विच्छाउने कार्यक्रम भएकोले सरोकार राख्ने वन समूहहरू भद्रखोरे सा.व.उ.स., गुप्तेश्वर सा.व.उ.स. र कालीगण्डकी छमर्के सा.व.उ.स. पर्वतको लिखित अनुमति प्राप्त भएको हुँदा यस खानेपानी संस्था अन्तर्गत संरचनाहरू निर्माण हुने जग्गामा कुनै विवाद नरहेको तथा उक्त क्षेत्रहरूमा कुनै वातावरणीय प्रभाव तथा असर समेत नपर्ने ब्यहोरा उल्लेख गर्दै सिफारिस माग भै आएकोले सोहि बमोजिम सिफारिस गरिएको ब्यहोरा अनुरोध छ ।

बोधार्थ

श्री शिवालय खानेपानी उपभोक्ता तथा सरसफाई संस्था

कुश्मा, पर्वत

लालप्रसाद पाध्या

नि. कार्यकारी अधिकृत  
नि. कार्यकारी अधिकृत

"सवैको रहर : समृद्ध कुश्मा नगर"



**श्री गुप्तेश्वर सामुदायिक वन उपभोक्ता समिति**

शिवालय ६ र ७, कुस्मा, पर्वत

प.सं. : ०१२१०६३


मिति: २०६२-३-११

च.नं. : १

**विषय :** सहाय्यी प्रधान गरिबको बारे ।

श्री शिवालय सवानेपारी उपभोक्ता तथा स्तरसफाई संस्था कुस्मा, पर्वत उपर्युक्त विषयमा पुनः स्थापना कार्यको माध्यमबाट सुधार विस्तार तथा स्तरोन्नती गर्ने प्रयोजनका लागि Rehabilitation Programme संचालनको प्रक्रिया अगाडी बढाउने उद्येश्य तहोत तहाँ संस्थाको मिति २०६२/१०/०८ मा प्रेषित च.न. सं. को पत्रद्वारा अवगत भयो । सोही सम्बन्धमा कु.न.चा.८ स्थित चिनाउने चौतारा प्राची रहेको स्थाविर्को पारी टंकीको उत्तरतर्फ हाल अतद्विषय स्तोस्थान फिन्टरको तल्लो भागमा एक वन वेत्रलेपक स्तोस्थान फिन्टर निर्माण गर्ने र टंकीको दक्षिणतर्फ रहेको पुरानो टंकी नजिक २५० घ.मी को रिजि-वायर टंकी निर्माणको लागि आवश्यक पर्ने जग्गाको भु-स्वापन्न नेपाल सरकारमा बहने गरी तहाँ संस्थाले कानूनमाल समुदायको माध्यमबाट प्राप्त गरी सहाय्यी प्रधान गरिब । साथै ब्यादिसौल्य प्रदान-देखी टंकी समुदाय प्रसाधन पार्सपलाईन बिचको कार्यमा सहित भएको बुझिएकाले यस वन सश्रु अन्तर्गत पर्ने वन क्षेत्रमा प्रसाधनलाईन बने तथा पुनः कार्यका लागि सश्रु सहाय्यी प्रधान गरिब ।

पुनः चः प्राची उल्लेखित संरचना लु निर्माण गर्दा बापेंदासलाई सश्रु भएरमा जोडाउने र कटिपडा र निकालिपडा काठ हउरा लु वन उपभोक्ता सश्रुको अधिकारमा रहने छ ।

  
 ०१२१०६३  
 पुरुष कुमार कुमाँचय  
 (अध्यक्ष)  
 अध्यक्ष



श्री कालीमठकी धर्मके पातल सामुदायिक वन आगोता समूह



शिवालय-८ र ९ पर्वत



पत्र संख्या :- ०६२/०३

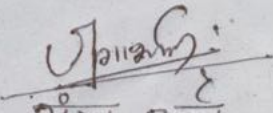
चलानी नं. :- १०,

मिति :- २००२/१०/१२

**विषय :-** पाइप लाईन खनन तथा पुर्नमञ्जुरी दिहकोबारे  
श्री शिवालय खानैपानी उपभोक्ता तथा सरसफाई संस्था  
कुश्मा, पर्वत।

प्रस्तुत विषयका सम्बन्धमा तहाँ संस्था-  
द्वारा प्रेषित मिति २००२/१०/०८ गते लिखित चिठ्ठा  
द्वारा पत्र प्राप्त भई उपरोक्त अवगत भयो। सोही  
सम्बन्धमा तहाँ शिवालय खानैपानी उपभोक्ता संस्था  
ले Rehabilitation programme अन्तर्गत क्यादिखोला  
मुहान देखी कुन्नापा ट स्थित चिलाउने चौरामा  
अवस्थित टंकीसम्म प्रसारण पाइपलाईन खनने तथा -  
पुर्न कार्यमा यस वन समुहको पुर्ण मञ्जुरी र सहमती  
रहको उपरोक्त अनुरोध गरिन्छ।

पुनश्च :- प्रसारण पाइपलाईन खनने पुर्ण कार्य गर्दा  
काटिका र निक्काहिका काठ दाउरासक यस  
वन समुहको अधिनमा रहने छ।

  
गंगा शमा  
अध्यक्ष  
अध्यक्ष

## **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: Parbat
- b. Location: Kusma Municipality
- c. Civil work dates (proposed): February 15, 2016 to August 15, 2016
- d. Technical Description: It is an enhancement project and only rehabilitation type of works will be carried out. New works include construction of reservoir at Kareba. The WTP, pipeline and other facilities will be rehabilitated.

Country

Nepal

Subproject Name

Kusma Small Town Water Supply and Sanitation Project

**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?	√			New reservoir at Kareba
2. Does the proposed activity include upgrading or rehabilitation of existing physical facilities?	√			
3. Will there be land acquisition?	√			A land area of about 6 Ana (190.74 sq. m.) is required for RVT at Kareba, which needs to be acquired. There will be no other land acquisition because the land possessed by WUSC can be used for the construction of RVT of 250 cum at Chilaune Chautari, SSF and Disinfection Unit with Lab etc.
4. Is the site for land acquisition known?	√			Community Forest land
5. Is the ownership status and current usage of land to be acquired known?	√			Non-agricultural public land (community forest)

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"/>		The land to be acquired/obtained is non-agricultural land
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"/>		
<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?		<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"/>		
14. Will access to land and resources owned communally or by the state be restricted?		<input checked="" type="checkbox"/>		
<b>Information on Displaced Persons:</b>				
<p><b>Any estimate of the likely number of persons that will be displaced by the Subproject?</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p> <p>If yes, approximately how many? _____ None _____</p>				
<p><b>Are any of them poor, female-heads of households, or vulnerable to poverty risks?</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>				
<p><b>Are any displaced persons from indigenous or ethnic minority groups?</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>				

**2. 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 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**

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

**D. 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 (construction of RVT of 250 cum at Chilaune Chautari and kareba, SSF and Disinfection Unit with Lab 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**

Kusma 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.

## कुश्मा

12) खचपी यो जस्तै, -

# Kyadi khola छ Transmission लाइन

~~लाइन~~ (3.894 km) खण्ण, पुने र Jointing  
को लागि कुहाइएको छ. २२३४,६९९।- बढी  
देखिन्छ।

# Distribution line खण्ण, पुने र  
Jointing सा पनि रकम बढी देखिन्छ।

# 300 घ.मो. RFT को समेतको लागि  
कुहाइएको रकम निकै कम भए  
जस्तै लाग्छ।

# डोडारे खोलाको पानीलाई व्यवस्थित  
गर्नका लागि खार्द गरिने पाइपको  
रकम धेरै भएको (२,८०,९३६।-)



शिवालय खानेपानी उपभोक्ता तथा संस्था  
कुश्मा, पर्वत

1) जनसंख्या :-

# Volume 1 की Main report मा उल्लेखित जनसंख्या 93382, सेवा क्षेत्र संस्थाको क्षेत्र भित्र भएका स्थायी प्रकारका जनसंख्या हुन । तर त्यहाँ रहेका सुरक्षा नििकाय सस्ते सरकारी कार्यालय अड्डा अदालत, गैर सरकारी संघ संस्था, व्यावसायिक प्रतिष्ठान र शिक्षा संस्थामा कार्यरत कर्मचारी, जनशक्ति तथा विद्यार्थी र भाडामा बस्ने मानिसहरु समेत हाम्रा प्रत्यक्ष पानी उपभोग गर्ने उपभोक्ता हुन जसको संख्या 22000 भन्दा बढी रहेको हुन ।

# House Hold Connection :-

स्विचकृत प्राप्त 2256 धारा मह्ये 9587 संचालित हुन भने बाँकी रहेका 387 धारा जडान सुचिमो सुचिकृत भै लगत फायम भएका हुन् । Main report मा उल्लेख भएका 59 संस्थागत धाराको प्रकृति पनि व्यक्तिगत नै हुन ।

कुसुमा

गोदाम  
क्षेत्र

थप गर्नु पर्ने -

# Kyadi Transmission लाइन १ कि.मी. थप गर्नु पर्ने

# Slow sand Filter मा Partition नभै कम्तीमा 10 CPS को छुट्टै अतिरिक्त S.S.F. निर्माण गर्नु पर्ने।

# Project Layout Drawing तयार गर्नु पर्ने

# Project Completion Certificate.

# क्षमता बिक्रीका लागि सर्वे कुरा सम्पन्न पति अध्ययन अवलोकन भ्रमणको व्यवस्था मिलाउनु पर्ने।

# Fire hydrant point (4 वटा)

# Distribution washout 4 वटा स्थापना

# Patikhola 17 IPS र Kyadikhola - 12 हटाउनु पर्ने।

गोदाम क्षेत्रमा Proposed गरिएको २० घ.मी को RVT जडान गरिने।

(3) आर्थिक पक्ष -

बजेटका हिसावले कुटाइको रकम सन्तोष जनक डेरिपर पनि कुटे काम र त्यससँग सम्बन्धित रकम मिलाएकी डेरिपर

पृष्ठ नं. ४४  
समय: विहान ७:३० बजे  
२४<sup>th</sup> Sep. २०१५



आज मिति २०१५ साल आश्विन ७ गतेका दिन यस विद्यालय खानेपानी उपभोक्ता तथा स्तरसफाई संस्थाको अण्डानमा संस्थाका अध्यक्ष श्री तारानाथ शर्मा ज्यूको अध्यक्षता तथा खानेपानी तथा स्तरसफाई डिभिजन कार्यालय पर्वत, परामर्श दाता निकाय ITECO प्रतिनिधी लगायत विभिन्न सरकारी वालाहरु समेतको उपस्थितिमा बस्नेको भेलामा उपस्थितिसँग निर्णय देहाय बमोजिम रह्यो।

उपस्थित

- |    |                   |                                  |  |
|----|-------------------|----------------------------------|--|
| १  | अध्यक्ष -         | श्री तारानाथ शर्मा               |  |
| २  | उपाध्यक्ष -       | श्री मीना कुर्माचार्य            |  |
| ३  | सचिव -            | श्री रवि कुमार श्रेष्ठ           |  |
| ४  | कौषाध्यक्ष -      | श्री बानुराम जोशी                |  |
| ५  | सदस्य -           | श्री रमाकान्त शर्मा              |  |
| ६  | " -               | श्री राम श्रेष्ठ                 |  |
| ७  | " -               | श्री लक्ष्मीकुमारी शर्मा         |  |
| ८  | " -               | श्री उमादेवी कुमाल               |  |
| ९  | " -               | श्री राधाकुमार पौडेल             |  |
| १० | पट्टेन सदस्य -    | श्री कुमलनाथ पौरेन (नि. अध्यक्ष) |  |
| ११ | सल्लाहकार सदस्य - | श्री ज्ञानेन्द्र पहाडी           |  |
| १२ | " "               | श्री शैरबहादुर आचार्य            |  |
| १३ | " "               | श्री एकनारायण गिरी               |  |
| १४ | " "               | श्री हरिनारायण उपाध्यक्ष         |  |
| १५ | " "               | श्री टेकुबहादुर जोशी             |  |

विशेष उपस्थित

- |   |  |  |
|---|--|--|
| १ | श्री तोयनाथ चालिसे (पूर्व अध्यक्ष, खानेपानी संस्था)          |  |
| २ | श्री इश्वरी खोतवाडा (Sociologist परामर्श दाता निकाय ITECO)   |  |
| ३ | श्री तिलक शर्मा (डा. खानेपानी डि. कार्यालय पर्वत)            |  |
| ४ | श्री एकनारायण श्रेष्ठ (अध्यक्ष-कालीगण्डकी सा. व. उ. स. समूह) |  |
| ५ | विमा गौतम (भद्रकोट सा. व. उ. स. सचिव)                        |  |
| ६ | यमनारायण श्रेष्ठ (गुप्तेश्वर सा. व. उ. स. अध्यक्ष)           |  |
| ७ | कुल बहादुर क्षत्री (कु. व. पा. रू. खोटा)                     |  |
| ८ | माला प्रसाद उपाध्यक्ष (भद्रकोट सा. व. उ. स. अध्यक्ष)         |  |

Sl. No.	Name	Address	Signature
23	श्री विश्वेश्वर कुमार जोशी	कुश्मा नगर पालिका-८	[Signature]
24	श्री लक्ष्मी भण्डारी	" " " - 5	[Signature]
25	श्री राजेश्वर प्रसाद पौडेल	" " " - 5	[Signature]
26	श्री मुक्तिनाथ झापाखाय	" " " - 5	[Signature]
27	श्री कृष्ण प्र. श्रेष्ठ	" " " - 90	[Signature]
28	श्री ईश्वरी प्र. शर्मा	" " " - 99	[Signature]
29	श्री नारायण प्र. पाख्या	" " " - 5	[Signature]
30	श्री विनोद रिजाल	" " " - 99	[Signature]
31	श्री राजकुमार जोशी	" " " - 5	[Signature]
32	श्री गुणनिधी शर्मा	" " " - 2	[Signature]
33	श्री रघुनाथ सुवेदी	" " " - 96	[Signature]
34	श्री वेदनिधी पाख्या	" " " - 5	[Signature]
35	श्री मधु लामिछाने	" " " - 5	[Signature]
36	श्री कलक प्रसाद शर्मा	काजडा - 2 पर्वत	[Signature]
37	श्री प्रेम ख. रोका	कुश्मा नपा-5	[Signature]
38	श्री अरुण क्षेत्री	" " " - 5	[Signature]
39	श्री राजेश्वर जोशी	" " " - 5	[Signature]
40	श्री राजेश्वर जोशी	" " " - 5	[Signature]
41	श्री राजेश्वर रोका	कु.न.पा-5	[Signature]

प्रस्तावकः -  
 (9) वातावरणमा प्रतिकूल असर नपार्ने सम्बन्धमा

निर्णय नं. 9,  
 प्रस्तुत प्रस्ताव उपर छलफल हुदा यस शिवालय रवाने-  
 पानी उपभोक्ता तथा सरसफाई संस्थाको रवानेपानो क्षमता अभि-  
 वृद्धि कार्यक्रम (Enhance functionality in small town water supply  
 and sanitation sector project) को कार्य आरम्भ पूर्व सम्बन्धि  
 पश्चात वातावरणीय प्रभाव मूल्याङ्कन प्रति ट्रेस्कारको चारो र  
 स्रोकार प्रशंसनीय छ। वातावरण संरक्षण बहुआयामिक स्वपाल  
 भएकाले पर्यावरणीय दुर्विपरीतबाट यसको अस्तित्व अक्षय्य न  
 पाउनेय ट्रेस्कार छ। अपीतः यसै संबन्धलाई आत्मसात गर्दै  
 अस्तित्वमा माथी उल्लेखित कार्यक्रम कार्यान्वयनमा जादा वाता-  
 वरणमा कुनै प्रतिकूल असर नपार्ने, जग्गा अधिग्रहण गर्न नपार्ने  
 तथा अधिकांश कार्यस्थल (मूहानट्रेस्को पानी भण्डारण टर्भोसम)

मानववर्तिष्ठत टाढा र सामूहायोक वन क्षेत्रमा पर्ने भएकाले पुनर्वासको व्यवस्था समेत गर्न नपर्ने हुदा सम्बन्धित सरकारीवाला निज्यातलाई निर्बाध ढङ्गले कार्य संचालन गर्न हार्दिक अनुरोध गर्ने निवेदन गरियो।


 Multiple handwritten signatures and stamps are present in this section. Some legible words include 'नमक', 'रथ', 'समाप्त', and '१९९१' (1991). There are also some illegible scribbles and marks.



## **Appendix IV: Photographs**



Photo No. 1



Photo No. 2



*Photo No. 3*



*Photo No. 4*





*Photo No. 5*

