

Due Diligence Report

Project number: 35173-013
January 2016

NEP: Third Small Towns' Water Supply and Sanitation Sector Project – Ratnanagar, Morang

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
**Ratnanagar Small Towns Water Supply and Sanitation Sector Project,
Morang**

Kathmandu, January 2016

Submitted by:

Joint Venture in Between



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CURRENCY EQUIVALENTS

(As of 5 Nov 2014)

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

WEIGHTS AND MEASURES

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

ABBREVIATIONS

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

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I. INTRODUCTION

A. Introduction

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

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

B. Proposed Subproject Components

3. This land acquisition and resettlement due diligence report is prepared for the proposed Ratnanagar 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, 2, 3, 4, 7, 8, 9, 10, 11, 12, and 13, Jutpani VDC Ward No. 6, 7, and Pithuwa VDC ward no. 5, 6, and 7. 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 Ratnanagar sub-project has been conceptualized as a typical groundwater pumping system. The bulk of the water comes from the tube-wells. The quality of water from the tube-wells is very good and there is no need of chemical or biological treatment units. However disinfection system is necessary and therefore proposed.

5. The system is operating with low efficiency because of low production capacity compared to the demand. Similarly available water storage facility is also low. The distribution pipeline is not functioning well due to the extension of settlements in areas not foreseen in the initial design. Therefore these problems will be solved by the proposed project.

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

Table 1: The details of the enhancement works

| S. No. | Name of structure | Existing | Additional | Total |
|--------|----------------------------------|-------------------|------------------------------------|-------------------|
| 1 | No. and capacity of Reservoirs: | 2(900 cum) | | 2 (900 cum) |
| 2 | Treatment Facilities | Chlorination Unit | Chlorination Unit (Rehabilitation) | Chlorination Unit |
| 3 | Pipeline Length: | | | |
| 3.1 | Transmission | 0.3 km | .1 km | 0.4 Km |
| 3.2 | Distribution | 125 km | 13.51 km | 138.51 Km |
| 3.3 | Total | 125.3Km | 13.61 Km | 138.91 |
| 4 | Chlorination Unit with lab | None | 2 | 2 |
| 5 | Office Building: | One(damaged) | One | One |
| 6 | SurfaceIntake/Borehole Drilling: | TW 4 | TW 1 | 5 |

7. The technical components are designed with close coordination with safeguard team and WUSC executive members to avoid involuntary resettlement impacts. Among the components, Deep tube well requires 127.16 sq. m. The WUSC has already acquired the required land. The total area acquired is 3,201.71 sq. m of land which is sufficient to construct the structures. The ownership certificate is attached.

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

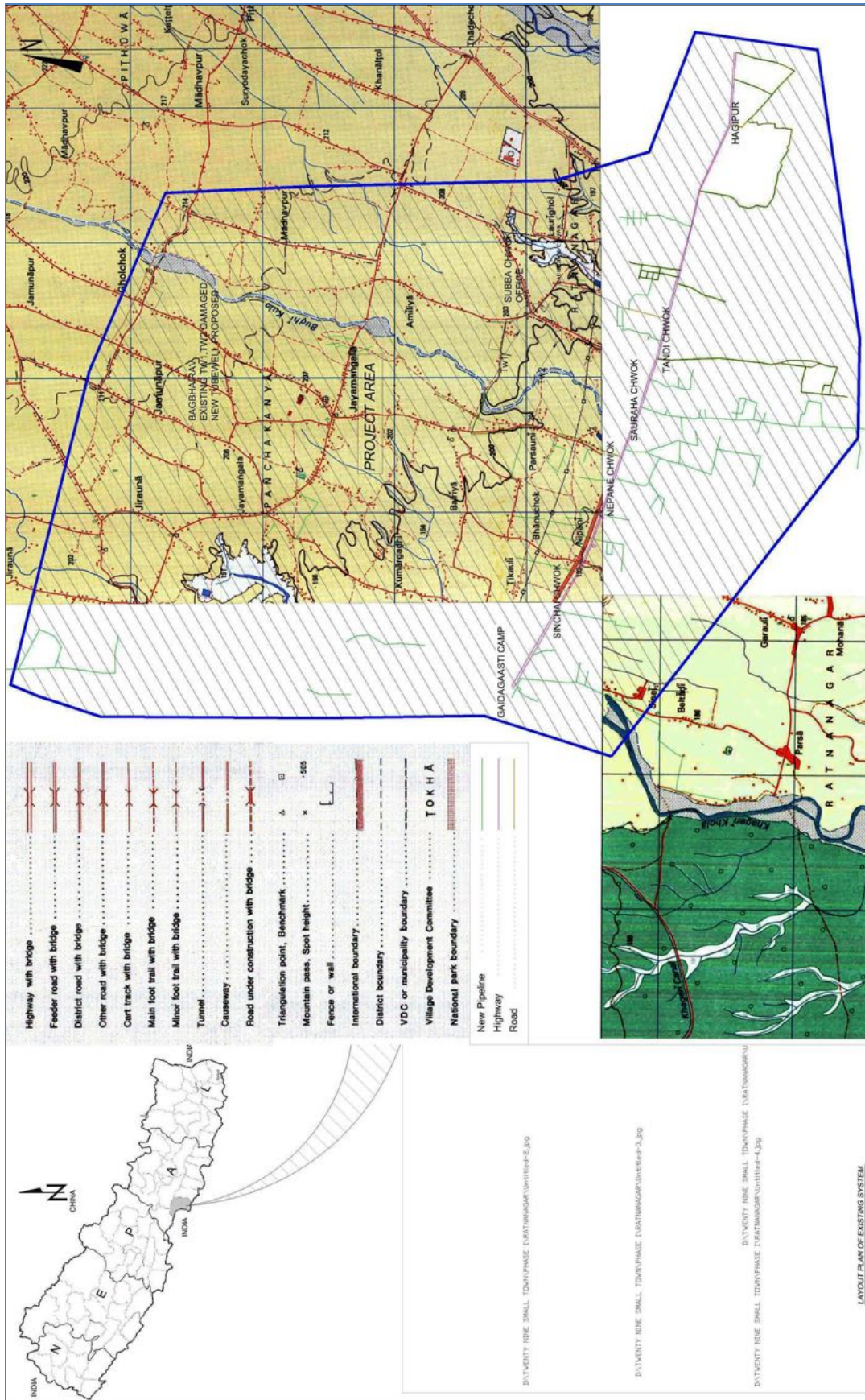


Figure 1: Map of Ratnagar Water Supply Subproject

III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION

A. Field Visit

9. 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

10. 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.

11. 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 |
|-----------|---|--|---|--|---|
| 2071/8/25 | Water Users and Sanitation Committee Office | Male = 6 Total = 6 | 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 |
| 2072/6/9 | Water Users and Sanitation Committee Office | Male = 41 Female = 12 Total = 53 | 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

12. The sub-project components are proposed both in existing WUSC owned private land and government land. Existing facilities proposed for integration (continued use/rehabilitation within existing premises) include particularly one DTW, treatment plants(chlorination) and distribution lines. The tube-well for producing water by pumping is

proposed within the newly acquired land at ward number 2. The rehabilitation of the treatment plant will be done within the existing WUSC land. The land ownership certificate is presented in Appendix 1. One transmission pipe will be laid to connect the two OHTs and will be done in the existing road side. The distribution pipeline will follow road's RoW (government land) for laying. The existing water supply system in Parsa Municipality will be integrated with the proposed enhancement works.

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

14. About 13.61 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.

15. Provision of 6,308 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 |
|------------------|----------------|---------------------------------|--------------------|----------------------|----------------|---------------------------|
| WUSC ownership | Ratnanagar – 2 | 1214, 1280, 1281, 1283 and 2472 | 3201.71 | 127.16 | Deep Tube Well | WUSC has already acquired |

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

Table 4: Proposed sub-project components Ratnanagar 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 |
|---|-------------|----------------|---|------------|--|
| Maintenance of existing tube well | | | No significant impact | None | |
| Construction of new tube well | 127.16 | WUSC | Ground water reduction | None | Construction of ground water recharge pond |
| Transmission Line | | Existing/GoN | No any significant impact | None | |
| Chlorination unit | | Existing | No any significant impact | None | |
| Maintenance of existing reservoir | | Existing | No any significant impact | None | |
| 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 |
| | | Existing | Air pollution due to operation of power generator | None | Dust reduction and emission should be controlled |
| | | Existing | HHs water distribution | None | Intermittent 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

16. The total population of the municipality is around 21,616 with 4,308 households. The proposed service area covers only 12,820 population and 2,617 households which is 60% of the total households and 59% of the total population. Brahmans and Chhetris are the most dominant ethnic groups in the village, whereas Satars and Newars are the second most dominant groups. The remaining groups Rais, Magars, Damais, Sarkis, Bhujels, Gurungs and Limbus are other ethnic groups in the area. The main occupation of the inhabitants of the project area is agriculture and animal husbandry.

17. 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. For major treatment people have to travel headquarter or to India (Siliguri). Most of the household (60%) uses groundwater from the shallow tube well with hand pumps without any preliminary treatment.

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 recently acquired by WUSC for the construction of DTW 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 but the required land is already owned by the WUSC. That is to say that the structures will be built in the existing WUSC owned private 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

594404

सरकार
व्यवस्था मन्त्रालय
जग्गाधनीको नाम.....

व्यवस्थापन विभाग

प्रमाण पूर्जा

60/9942

श्री ५ को
भूमिसुधार तथा
भूमिसुधार तथा
जग्गाधनी दर्ता



| किसिम | क्षेत्रफल | मोठ नं. पाना नं. | कैफियत | प्रमाणित गर्नेको दस्तखत |
|------------|-----------|------------------|----------------------------------|---------------------------------|
| प्रि. प्र. | ०-४-० | (२५) | र.नं. ४३३६ (रब) ०६३/१२१७२१.५। | १९/११/१९ १९/११/१९ |
| " | ५२७६०.० | ५२७६० | ५२७६० | ५२/७/१९ |
| " | ५२७६०.० | ५२७६० | ५२७६० | ५२/७/१९ |
| " | ५२७६०.० | " | ५२७६० | ५२/७/१९ |
| " | ०.०.० | " | ०.०.० | ०.०.० |

| जिल्ला | नगरपालिका ना.वि.स. | प्रमाण संकेत | वडा नं. र नक्सा | किस्ता नं. | खिचरण | जग्गाधनीको हक किस्ता | मोहीको नाम वर ठेगाना |
|--------|--------------------|--------------|-----------------|------------|-------|----------------------|----------------------|
| चितवन | पिचकुर्या | | ३ | १२१४ | आकरी | (५२) | |
| " | " | ५७४५ | २ | ०७४७ | " | " | |
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| " | " | ५७४५ | २ | ०७४७ | " | " | |
| ५४५ | | | २ | १४७४ | " | " | |

594464

श्री ५ का सरकार
भूमिसुधार तथा व्यवस्था मन्त्रालय
भूमिसुधार तथा व्यवस्थापन विभाग

प्रमाणित कार्यालय

जग्गाधनी नम्बर.....



| औठाको छाप | |
|-----------|-------|
| दायाँ | बायाँ |
| X | X |

फोटो प्रमाणित गर्नेको दस्तखत

जग्गा धनीको नाम थर खानेपानी तथा खरसफाइ उपभोक्ता देखा
 ठेगाना ता अंचल चितवन जिल्ला इलाका
रत्ननगर नगरपालिका/गाउँ विकास समिति वडा नं.
 जग्गाधनीको बाबु/पतिको नाम थर X
 बाबुको नाम थर X
 नागरिकता नम्बर र मिति X
 नागरिकता प्रदान गर्ने कार्यालय X
 जग्गावालाको दस्तखत X लेखात्मक
 जग्गाधनी प्रमाण पत्र दिने कार्यालय प्रमाणित कार्यालय चितवन (कार्यालयको छाप)

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: Chitwan
- b. Location: Ratnanagar 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 Deep Tube-well, Chlorination unit with Lab, Chlorination Shed, and Office Building. The WTP, pipeline and other facilities will be rehabilitated.

Country

Nepal

Subproject Name

Ratnanagar Small Town Water Supply and Sanitation Project

C. Screening Questions for Involuntary Resettlement Impact

| A. Probable Involuntary Resettlement Effects | Yes | No | Not known | Remarks |
|--|-----|----|-----------|--|
| Involuntary Acquisition of Land | | | | |
| 1. Will the project include any physical construction work? | √ | | | Deep TW, Construction of Chlorination unit with Lab, Chlorination Shed, Office Building |
| 2. Does the proposed activity include upgrading or rehabilitation of existing physical facilities? | √ | | | |
| 3. Will there be land acquisition? | √ | | | About 4 Ana (127.16sq.m.) of land is required for Deep tube Well. There will be no other land acquisition because the land owned by WUSC can be used for the construction of ChlorinationUnit with Lab, Chlorination Shed, and Office Building etc. |
| 4. Is the site for land acquisition known? | √ | | | |

| | | | | |
|--|---|---|---|---|
| 5. Is the ownership status and current usage of land to be acquired known? | | | √ | WUSC private land |
| 6. Will easement be utilized within an existing Right of Way (ROW)? | √ | | | The pipe laying will be carried out 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? | | √ | | |
| Involuntary restrictions on land use or on access to legally designated parks and protected areas | | | | |
| 12. Will people lose access to natural resources, communal facilities and services? | | √ | | There is no any designated park and protected area in or near to the project. |
| 13. If land use is changed, will it have an adverse impact on social and economic activities? | | √ | | A very small size of non-agricultural land acquisition will not have impact on social and economic activities. |
| 14. Will access to land and resources owned communally or by the state be restricted? | | √ | | |
| Information on Displaced Persons: | | | | |
| <p>Any estimate of the likely number of persons that will be displaced by the Subproject? [√] No [] Yes</p> <p>If yes, approximately how many? None _____</p> | | | | |
| <p>Are any of them poor, female-heads of households, or vulnerable to poverty risks? [√] No [] Yes</p> | | | | |
| <p>Are any displaced persons from indigenous or ethnic minority groups? [√] No [] Yes</p> | | | | |

2. Indigenous Peoples Impact Screening Checklist

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

C. 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 DTW, Chlorination Unit with Lab, Chlorination Shed, Office Building 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

Ratnanagar Small Town Water Supply Sanitation and User's Committee organized a public hearing workshop on 2072/6/8. 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.

दस्तावेज नं. १६७/०५८/०५५

फोन : ०५६-५६१५२७



रत्ननगर खानेपानी तथा सरसफाई उपभोक्ता संस्था

रत्ननगर, चितवन
स्थापित : २०५८

प.सं.

च.नं

मिति :

| S. n | Particulars. | परिमाण | इतिहास |
|------|--|-----------------|---|
| १. | पल्क मिटर | २ | १ |
| २. | जोड पल्प | २५ | २० १२" ३" ८" २.४" ३" ३" २" ३" ३" ३" ३" |
| ३. | क्लोरिन युनिट | २ | २. १३" = २ |
| ४. | प्रसृत तथा अंगारोवन (बंकी) | १ | २. |
| ५. | फायर ह्येबल प्रसृत | ५ | २ खाँ २ प्रसृत |
| ६. | पानी परिक्रमण सम्प्राप्ती | १ | १ |
| ७. | उद्योगिक भवन | १ १/२ (२६ मीटर) | १ (आवश्यक कोटा-६ भवन-१ प्लापेस्टि-१ मसुदापत्र-१ प्रसृत-१ स्टा-१ प्रसृत-१ मिटरि. हल-१/२) |
| ८. | मैकानिकल काम | ✓ | ✓ |
| ९. | इलेक्ट्रिकल .. | ✓ | ✓ |
| १०. | नयाँ कौरिङ (०८० सज्ज ओडेन) ५०mm (६०३) ५५५ | १ | १ |
| ११. | पाइप लाइन (५०mm थप) ८५m | ✓ | ✓ |
| १२. | पाइप थपारिदे प्रयुक्त (रत्ननगर पुने) | ✓ | ✓ |
| १३. | इ.ने.पी-१२ मिमी व चौड देरी इ.ने.पी-११ मिमी वफापुर चौड ओडेन (५" ८" १) - १५०० मी. | - ११५०१ - १२५०३ | ✓ |
| १४. | इ.ने.पी-८ के.पि.ए. देरी इ.ने.पी-२ खुल्वा चौड-सम्म ओडेन (६" के.पि.ए. ओडेन) - १४०० मी. | - २५१६ - ४५ | ✓ |
| १५. | मैकानिकल साधन (५" ८") | ✓ | ✓ |
| १६. | इलेक्ट्रिकल .. | ✓ | ✓ |
| १७. | कारत आउट इ.ने.पी-२-१ ८" ८" ३० मि. इ.ने.पी-११-१ .. ४० .. | | |
| १८. | सम्पत्ति सम्पन्न पम्प ५०HP पुनरोद्गामी लाई २ नयाँ कौरिङ लाई - २ | - | ४ |



भाज मिति २०६२ फागुण ८ गते बुधवार यस शतनगर स्वामैपागी त
 सारसफुर्डा कुपलौका संस्था शतनगरको तुल समिति, लेखा समिति, सल्ला
 र वडा समितिको समुक्त बैठक संस्थाका अध्यक्ष श्री श्रीराम वास्ने अध्यक्ष
 भ्रमचक्रतामा वारि निम्न विषयहरू माथी छलफल गरियो ।

उपरि-थती

- अध्यक्ष : श्री श्रीराम वास्ने
- उपाध्यक्ष : श्री ब्याम खराल
- सचिव : श्री मिमराज पौडेल
- सदस्य : श्री यश प्र कुमार प्रधान
- : श्री अम्बिकादेवि आर्चाय
- : श्री शशिकुला खराल
- : श्री मणिप्रकाश खतिवडा
- : श्री जैम कुमार थापा
- : श्री पूर्णा पिमिरे

लेखा समिति संयोजक : श्री राजेन्द्र थापा

सदस्य : श्री जिवराज अधिकारी

 : श्री अमृतमराज पाठे

सल्लाहाकार : श्री डम्बर पुरी

 : श्री रूपतराज पिमिरे

 : श्री प्रेमराज दगडी

 : श्री राजु आमाई (सुबोध)

 : श्री जी डोर्जे प्रसाद अधिकारी

विशेष उपस्थिति

नगरपालिकाका वडा वडावासी, उद्योगी-सिन्धु-युमिक जे।पी

अन्य उपस्थिति

- संयोजक १ : श्री शान्तिहराम सापका
- सचिव १ : श्री शान्तिहराम पराजुली
- संयोजक २ : श्री लक्ष्मण, लम्सा
- सचिव २ : श्री प्रकाश सुवेदी
- संयोजक ३ : श्री कृष्ण प्रसाद पिमिरे
- सचिव ३ : श्री कृष्ण प्रसाद पिमिरे
- संयोजक ४ : श्री रमेश...



वडा नं. ६ संयोजक: श्री होमनाथ रेग्मी
 सूचक: श्री

७ संयोजक: श्री कल्याण घिमिरे
 सूचक: श्री नवलाल रेग्मी

८ संयोजक: श्री रथानेम्बर चालिसे
 सूचक: श्री

९ संयोजक: श्री पार्वती ल्यापाने
 सूचक: श्री प्रमोद घिमिरे

१० संयोजक: श्री विर व श्रेष्ठ
 सूचक: श्री

११ संयोजक: श्री सुमेधा कोइराला
 सूचक: श्री

१२ संयोजक: श्री टिडा थापा
 सूचक: श्री रामशरण घिमिरे

१३ संयोजक: श्री हरि प्रसाद कुँडेल
 सूचक: श्री हरिहर पांडे

युवराज मान्यार्थ

सहायक

प्रस्ताव नं. ९
 रवात्रेपानी क्षमता अभिवृद्धी कार्यक्रम सम्बन्धमा
 निर्णयहरू

प्रस्ताव नं. ९ माथी छलफल गर्दा यस क्षेत्रमा रवात्रेपानी तथा सरसफाई उपलब्ध
 संस्थाले हाल चालु हुन लागेको रवात्रेपानी क्षमता अभिवृद्धी कार्यक्रम कार्यालय
 गर्दा वातावरणमा कुनै पनि प्रतिकूल असर पर्ने, जग्गा अधिग्रहण गर्ने रपत्र
 हेरिनेकोले सोही अनुसार मुजुल्का गर्ने निर्णय सर्वसम्मत रूपमा गरियो ।

सहायक



आज मिति २०७२।६।९ मा रातनगर खानेपानी तथा सरसफाई उपभोक्ता समितिको आह्वानमा सरोकारवालाहरू 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 बातावरणमा कुनै प्रतिकूल असर नपर्ने, जग्गा अधिग्रहण गर्नु नपर्ने र पूनर्वासको व्यवस्था समेत गर्नुनपर्ने देखिएकाले सोही अनुसार सम्बन्धित सबै सरोकारवालालाई जानकारी गराएका छौं।

उपस्थिति

| क्र.सं. | नाम, थर | ठेगाना | हस्ताक्षर |
|---------|----------------------|-------------------------------|----------------------|
| १ | त्रिबिक्रम वाज्वले | भद्रथुम्बा रातनगर खानेपानी | त्रिबिक्रम वाज्वले |
| २ | श्याम वराल | उपाध्यक्ष रातनगर खानेपानी | श्याम वराल |
| ३ | शिवम राज पौडेल | साचिव रातनगर खानेपानी | शिवम राज पौडेल |
| ४ | श्याम कुमार प्रधान | उपाध्यक्ष रातनगर खानेपानी | श्याम कुमार प्रधान |
| ५ | भागी प्रकाश खतिवडा | सदस्य रातनगर खानेपानी | भागी प्रकाश खतिवडा |
| ६ | प्रेम कुमार थपलिया | सदस्य रातनगर खानेपानी | प्रेम कुमार थपलिया |
| ७ | आम्बिका आचार्य | सदस्य रातनगर खानेपानी | आम्बिका आचार्य |
| ८ | शासिकला खतल | सदस्य रातनगर खानेपानी | शासिकला खतल |
| ९ | दुर्गा देवी खिमरे | सदस्य रातनगर खानेपानी | दुर्गा देवी खिमरे |
| १० | दुम्बर पुरी | सदस्य रातनगर खानेपानी | दुम्बर पुरी |
| ११ | रुपन राज खिमरे | सदस्य रातनगर खानेपानी | रुपन राज खिमरे |
| १२ | प्रभनाथ कुवडी | सदस्य रातनगर खानेपानी | प्रभनाथ कुवडी |
| १३ | राजु कुँडा (सुवाधा) | सदस्य रातनगर खानेपानी | राजु कुँडा (सुवाधा) |
| १४ | गौडरी प्रसाद आधिकारी | सदस्य रातनगर खानेपानी | गौडरी प्रसाद आधिकारी |
| १५ | शान्तीहराम सापकाँडा | सदस्य रातनगर खानेपानी | शान्तीहराम सापकाँडा |
| १६ | वासुदेव लम्ब्याल | सदस्य रातनगर खानेपानी | वासुदेव लम्ब्याल |
| १७ | कृष्ण प्रसाद खिमरे | सदस्य रातनगर खानेपानी | कृष्ण प्रसाद खिमरे |

कुमिस

Appendix IV: Photographs



Photo No. 1



Photo No. 2



Photo No. 3



Photo No. 4



Photo No. 5



Photo No. 6