

# Resettlement and Indigenous Peoples Plan

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India: Himachal Pradesh Rural Drinking Water  
Improvement and Livelihood Project

Package No: SZ03

Prepared by Jal Shakti Vibhag, Government of Himachal Pradesh for Asian Development Bank.

## CURRENCY EQUIVALENTS

(as of 26 November 2021)

Currency unit – Indian rupee (₹)

₹1.00 = \$0.0134

\$1.00 = ₹74.520

## ABBREVIATIONS

ADB	-	Asian Development Bank
BBMB	-	Bhakra Beas Management Board
BOD	-	Biological Oxygen Demand
BOQ	-	Bill of Quantity
COD	-	Chemical Oxygen Demand
CSO	-	Civil Society Organization
CRO	-	Complaint Receiving Officer
CWRM	-	Composite Water Resource Management
DPR	-	Detailed Project Report
DMS	-	Detail Measurement Survey
DBO	-	Design, Built and Operate
EM	-	Entitlement Matrix
ESO	-	Environment Safeguard Officer
FGD	-	Focused Group Discussion
RFCTLARRA	-	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act
GoHP	-	Government of Himachal Pradesh
GP	-	Gram Panchayat
GRM	-	Grievance Redress Mechanism
GRC	-	Grievance Redressal Committee
HPPWD	-	Himachal Pradesh Public Works Department
HPRDWILP	-	Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project
IPH	-	Department of Irrigation and Public Health
IEC	-	Information, Education and Communication
INRM	-	Indian Resident Mission
JSV	-	Jal Shakti Vibhag
JE	-	Junior Engineer
KLD	-	Kilo Litre
LPCD	-	Litre per Capita per Day
LWSS	-	Lift Water Supply Scheme
MBR	-	Main Balancing Reservoir
MLD	-	Million Litre per Day
MRP	-	Mixed Reference Period
mm	-	Millimeter
NA	-	Not Available
N/A	-	Not applicable
NOC	-	No objection certificate
NTH	-	Non Title Holder
NRW	-	Non-Revenue Water
OHT	-	Overhead Tank
PAM	-	Project Administration Manual

PMU	-	Project Management Unit
PDMSC	-	Project Design, Management and Supervision Consultant
PIU	-	Project Implementation unit
PWD	-	Public works department
PPE	-	Personal protective equipment
ROW	-	Right of way
RP	-	Resettlement and Indigenous Peoples Plan (RIPP)
RIPP	-	Resettlement and Indigenous Peoples Plan
RSF	-	Rapid Sand Filter
SQM	-	Square meter
SR	-	Service Reservoir
SPS	-	Safeguard Policy Statement
SIMP	-	Social impact management plan
SSGO	-	Social Safeguard and Gender Officer
SZ03	-	Shimla Zone 3
SSF	-	Slow Sand Filter
WHH	-	Women Headed Household
WSS	-	Water Supply Schemes
WTP	-	Water Treatment Plant

## **WEIGHTS AND MEASURES**

km	–	kilometer
LPCD	–	liter per capita per day
m	–	meter
MLD	–	million liter per day
m <sup>2</sup>	–	square meter
km <sup>2</sup>	–	square kilometer

## **NOTE**

In this report, "\$" refers to United States dollars.

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## EXECUTIVE SUMMARY

**Project Background:** The government of “Himachal Pradesh” has accorded top priority to the provision of safe drinking water to the rural areas of the state. The focus in the water supply sector is to cover every household with piped water supply. The objectives of the HPRDWIIP project include the following: (i) identify reliable and sustainable drinking water sources for rural water supply schemes; (ii) automate the operation and telemetry system from source to reservoirs including water quality monitoring; (iii) ensure that all project household beneficiaries have a metered water connection; (iv) construct water treatment plants at all new source; (v) prepare works contract to include operation and maintenance for up to 5 years of the service period; and (vi) introduce energy-efficient mechanisms to reduce operating costs.

**Project Description:** The entire rural water supply schemes of Himachal Pradesh are divided into four zones, namely Shimla, Hamirpur, Mandi and Dharamshala. The zones are divided into circles which get further divided into divisions and sub-divisions. The grids are then formed by integrating various small water supply schemes in these sub-divisions according to the geographical continuity of the schemes. The Shimla zone is divided into four circles namely, Nahan, Solan, Kasumpti and Rohru. The selected project area under this report is in Solan district. The proposed components include (i) raw water intake facilities like Tube wells and rectangular intake structure ii) six (6) water treatment plants with all appurtenances, civil and electro-mechanical works, including chlorination sludge lagoons in which five (5) numbers work on slow sand filter method (iii) rising mains and gravity mains, (vi) clear water pumps, (v) ten (10) MBRs, and Twenty five (25) SR's (viii) Operation and maintenance of the Plant for a period of five years after commissioning and takeover, the repairing of existing civil structures such as WTP, pumping stations and reservoirs are proposed.

**Resettlement and Indigenous Peoples Plan:** This draft Resettlement and Indigenous Peoples Plan (RIPP) of Package SZ03 under HPRDWILP is prepared, in accordance with the agreed Resettlement Framework, in compliance to the Safeguard Policy Statement (SPS) 2009 of ADB and based on preliminary design and submitted to ADB for review and approval, proposed for funding by ADB, using the sector lending modality.

**Scope of Land Acquisition and Involuntary Resettlement:** All civil works under the subprojects are proposed within the boundaries or right of way (ROW) of government land. No involuntary land acquisition of private land is anticipated under package SZ03. One non-titleholder (NTH) faces loss of one cattle shed and store rooms, retiring room, toilet, car parking shed and gate on the proposed site of WTP/Pump house without having any livelihood impact as they are consuming milk for self and family. Another fruit vendor is likely to be affected due to proposed alignment of Composite Water Resource Management (CWRM), who will incur temporary livelihood loss, identified within the ROW of existing road under LWSS Barotiwala at Barotiwala. Temporary access disruption to CPRs during construction will be avoided through provision of Planks, and scheduling construction activity during the time when the temple is closed. One (01) private land parcel will be required for construction of service reservoir (SR) and will be taken through voluntary land donation without recourse to expropriation. All civil works proposed under the subproject for the distribution network are proposed within the boundaries or right-of-way (ROW) of government roads (mainly Panchayat roads). No impacts (temporary or permanent) along the government right-of-way or temporary loss of income to shops/businesses are anticipated. However, temporary impacts may be assessed and reconfirmed after finalization of detailed design and finalization of alignment, through detailed measurement surveys of sites/ sections of pipeline alignment. Accordingly, the Resettlement and Indigenous Peoples Plan (RIPP) will be updated prior to implementation.

The Resettlement and Indigenous Peoples Plan (RIPP) for the package currently identifies structure loss to two vulnerable (WHH) non-titled who is having a Cattle Shed on vested government land and a non titleholder fruit vendor.

**Impact on indigenous peoples:** SZ-03 is not located in a scheduled area as per Government of India 2018 notification. The Package has a small proportion of population (5.08%) classified as scheduled tribe,<sup>1</sup> which is scattered (does not stay in tribal groups/community enclaves), is well-assimilated in mainstream society and does not retain the characteristics of scheduled tribes or indigenous people's groups. None among the affected persons facing involuntary resettlement impacts are from the scheduled tribe category. Only beneficial impacts to scheduled tribes living in project area are anticipated. No adverse impact to indigenous people's communities is assessed. A specific action plan for Indigenous peoples has been prepared in this RIPP,

The initial impact assessment will be re-assessed upon finalization of detailed design and alignments through detailed measurement surveys. Census and socio-economic surveys will be undertaken to register and document the status of affected persons (APs). Project consultants will accordingly update the draft resettlement and indigenous peoples plan (RIPP) prior to implementation. The updated plan will thereupon be reviewed and validated by project implementation unit (PIU)/ project management unit (PMU) before submission to the ADB to obtain no objection, prior to start of civil work.

**Categorization:** The subproject has identified two non-titleholders (NTHs) as affected persons who likely to suffer structure loss of Cattle Shed on vested Government Land and another affected person is a fruit vendor who is likely to suffer temporary livelihood loss during construction and can be classified as IR (Involuntary Resettlement) Category B. Due to beneficial impact on 5.08% Indigenous Peoples of the project area the IP categorization can be classified as B in accordance with ADB SPS, 2009.

**Legal Framework:** The policy framework and entitlements for the program as well as for this project are based on the following laws and policies: The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act (RFCTLARRA) 2013, RFCTLARR Rules 2015 Himachal Pradesh and ADB SPS, 2009.

**Entitlements, Assistance and Benefits:** The entitlement matrix presented in the Resettlement and Indigenous Peoples Plan (RIPP) provides the compensation of all potential losses to be provided to all affected persons in the project area. In general, the affected people under the project will be entitled to following types of compensation and assistances: (i) compensation for loss of income and/or Structure loss (ii) shifting allowance; and (iii) additional assistance to vulnerable people.

Majority of the envisaged impacts will be avoided as per the mitigation measures stated in the Resettlement and Indigenous Peoples Plan (RIPP) also working during night hours and non-market days should be considered for laying of pipelines especially along village roads and market areas. To avoid and minimize involuntary resettlement impacts, consultations with the community members, Village Panchayat, shop keepers in market areas will be conducted to finalize the construction schedule (in a phased manner), particularly in stretches of village roads, narrow roads and market areas.

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<sup>1</sup>Source: <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1514486> [https://ncst.nic.in/sites/default/files/2017/Office\\_Order/798.pdf](https://ncst.nic.in/sites/default/files/2017/Office_Order/798.pdf)

**Consultation and Information Disclosure:** Project objectives, goals and scope of work under the contract package area have been disclosed to the potential beneficiaries of the project, affected persons, elected representatives and institutional stakeholders. All the stakeholders have been involved through consultations and focus group discussions (FGDs) in each of the step of developing the detailed project report for the proposed water components and for development of Resettlement and Indigenous Peoples Plan (RIPP) The approved Resettlement Framework and Resettlement and Indigenous Peoples Plan (RIPP) will be made available at public locations in the area and will be disclosed to a wider audience through the Government of Himachal Pradesh and ADB website. A copy of the draft Resettlement and Indigenous Peoples Plan (RIPP), translated in local language, will be always kept at site during the construction period.

**Grievance Redress Mechanism:** The Grievance Redress Mechanism (GRM) of Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project (HPRDWILP), will provide the communities and other stakeholders a platform for expressing their opinion, registering their grievances and redress of the same within a time frame and under a mechanism about all the social aspects including Resettlement and Indigenous Peoples Plan (RIPP) implementation. A three-tier common GRM will be followed as outlined in this Resettlement and Indigenous Peoples Plan (RIPP). Public awareness campaign will be conducted to ensure that awareness on the project and its grievance redress procedures is generated. The campaign will ensure that the poor, vulnerable and others are made aware of and are part of the awareness program. Grievance redress mechanism outlined in the draft Resettlement and Indigenous Peoples Plan (RIPP) will ensure that complaints and grievances are resolved in a collaborative, expeditious, and effective manner through dialogue, joint fact-finding, negotiation, and problem solving.

Resettlement and Indigenous Peoples Plan (RIPP) **Budget:** The proposed budget for the implementation of the Resettlement and Indigenous Peoples Plan (RIPP) is **₹17,76,960.00 (Rupees Seventeen Lakh Seventy-Six Thousand Nine Hundred Sixtyonly)**. Which covers compensation for permanent loss of semi-permanent structure (cattle shed and other minor structures), one-time shifting allowance, one-time assistance to identified vulnerable affected Person (AP). The affected person has a strong economic background as she has shops in the main market and is the titleholder of her residence with enough space for cattle and car parking; another compensation for temporary loss of income of one roadside fruit vendor. The amount will be electronically transferred by the PIU to the bank account of the affected persons.

**Institutional Arrangement:** Jal Shakti Vibhag (JSV) of the Government of Himachal Pradesh (GoHP) is the Executing and Implementing Agency for the Program, responsible for management, coordination and execution of all activities funded under the loan. A central Project Management Unit (PMU) is established under Jal Shakti Vibhag and will be responsible for implementing the project. The PMU shall function as central Project Management Unit coordination mechanisms based in the zonal headquarter office in Mandi. A total of four Project Implementation Units (PIUs) will be established at the zonal offices to support the project implementation. The PMU and PIUs will be supported by Project Design Management and Supervision Consultant (PDMSC). Which will be providing program management support, assure the technical quality of design and construction, and provide advice on policy reforms. Resettlement and Indigenous Peoples Plan (RIPP) implementation will be closely monitored by PMU/PIUs on a regular basis and will facilitate PMU and PIUs with organizing meetings with affected persons and disclosure of entailment matrix and grievance redress mechanism with affected persons and stakeholders.

**Monitoring and Reporting.** Resettlement and Indigenous Peoples Plan (RIPP) implementation will be closely monitored by the PMU with an effective basis for assessing resettlement progress

and identifying potential difficulties and problems. The PMU is required to implement safeguard measures and relevant safeguard plans, as provided in the legal agreements, and to submit periodic monitoring reports on their implementation performance. The monitoring reports will be shared by the respective PIUs with PMU and the compiled reports will be consolidated into report semi-annual monitoring report to be shared with ADB. The PMU/HPRDWILP will provide monitoring report to ADB on a semi-annual basis. Additionally, ADB will monitor projects on an ongoing basis until a project completion report is issued.

## I. INTRODUCTION

### A. Project Description

1. The government of “Himachal Pradesh” has accorded top priority to the provision of safe drinking water to the rural areas of the state. The focus in the water supply sector is to cover every household with piped water supply. The existing old rural water supply schemes (commenced before year 2000) were designed to tap water from available local sources and many of them are small water supply schemes which cater few habitations or villages. With passage of time water demand increased due to increase in population and as a result, existing water supply schemes could not match the increased demand. The constant wear and tear, limited maintenance funds and unreliability of various small sources, made these systems more vulnerable. Therefore, Jal Shakti Vibhag (JSV), formerly known as Irrigation and Public Health (IPH) Department of Himachal Pradesh, wants these schemes to be re-modelled/renovated.

2. The Department of Irrigation & Public Health (IPH), Government of Himachal Pradesh (GoHP) was created in the year 1986 and is responsible for providing safe and wholesome water to the people of Himachal Pradesh. Since January 2020, IPH department is renamed as Jal Shakti Vibhag. The project cost for Rural Drinking Water Improvement will be funded by the Asian Development Bank (ADB) and Government of Himachal Pradesh (GoHP) in 80:20 proportion.

3. The project area comprises the rural regions of Himachal Pradesh. The rural water supply schemes of Himachal Pradesh are divided into four zones, namely Shimla, Hamirpur, Mandi and Dharamshala. The zones are divided into circles which get further divided into divisions and sub-divisions. The grids are formed by integrating various small water supply schemes in these sub-divisions according to the geographical continuity of the schemes.

4. At present the schemes are being operated at 40 LPCD with intermittent water supply to the consumers. The water flow largely remains unaccounted due to absence of any water flow monitoring and automation system. This has led to unequal water supply in different areas and inefficiency in the system. The key objectives of the assignment are as below to strengthen the existing network system and provide 100% rural house with piped water supply. (i) To identify reliable & sustainable drinking water source for preparation of schemes. (ii) Establish system for equitable distribution of water as currently some parts of the rural area receive more than 70 LPCD of water whereas some parts receive less than as 70 LPCD. (iii) To ensure all rural households have access to adequate quantity, quality & safe water. (iv) Potable drinking water which meets national drinking water standards, leading to healthy and well-nourished children and adults and improved livelihoods and education. (v) To reduce water borne diseases, water stress & non-revenue water (NRW). (vi) To ensure positive impact on social status and economic standard of the people of rural areas.

5. The proposed components in the project includes (i) Raw water intake facilities like Intake chambers, Head Weirs/ Check dams with sump wells, tube well, Raw Water Pumps; (ii) Water treatment plants with all appurtenances, civil & electro-mechanical works, including Chlorination sludge lagoons, (iii) Water transmission mains such as Rising mains, Gravity mains, Distribution mains; (iv) Clear water pumps to convey water from lower elevation to higher elevation where required (v) Water storage reservoirs such as MBRs, and SR's ; (vi) House service connections with water meters; (vii) is proposed at Sources, WTPs, Pump Houses, MBRs and SRs to bring efficiency in operation and maintenance. The real time quality and quantity of water supplied will be monitored through automation. The provision for solar panels has been considered to support the automation at remote locations; (viii) Operation and maintenance of the proposed components

for a period of five years after commissioning and takeover of the repairing of existing civil structures such as WTPs, pumping stations and reservoirs which are retained in the proposal.

6. The subproject area i.e., SZ03 belongs to Shimla zone and consists of rural regions of Solan district, Himachal Pradesh. SZ03 comes under Solan Circle and comprises two (2) divisions viz.- Kasauli&Nalagarh. This are further divided into subdivisions. This package is an integration of two (2) grids, comprising of fifteen (15) small rural water supply schemes i.e. (i) LWSS Dumanwala, (ii) LWSS Barotiwala, (iii) LWSS KotianMandhala, (iv) LWSS Landeywall, (v) LWSS AmrooBawasni, (vi) LWSS Satyana Shiva, (vii) LWSS GarkhalLarah, (viii) LWSS Gorthi, (ix) LWSS Sunaradi Anji, (x) LWSS Kasuali, (xi) LWSS Bhaguri, (xii) LWSS Jhanger, (xiii) LWSS Jangeshu, (xiv) LWSS HurangKotla and (xv) LWSS Seri Thana. The project area partially comprises Eighteen (18) Village Panchayats comprising of Eighty-Seven (87) villages.

7. All the five schemes in grid SS-10 were clubbed with schemes of grid SS-1 as the proposal for both the grids is centralized. Now, SS-1 contains 10 schemes.

8. The overall status of rural water supply schemes, population served in the commencing year 2022, and ultimate design year 2042 of SZ-03 is shown in Table below.



**Table 1: Projected Population and Water Demand of SZ03**

Package	Scheme	Grid ID	District	Circle	Division	Villages (nos)	Habitation (nos)	Population			Water Demand (KLD)		
								2011	2022	2042	2011	2022	2042
SZ03	LWSS Sunaradi Anji	SS1	Solan	Solan	Kasuali	7	12	596	684	833	57	65	79
	LWSS GarkhalLarah		Solan	Solan	Kasuali	8	13	3128	3565	4346	297	339	413
	LWSS Satyana Shiva		Solan	Solan	Kasuali	16	19	2292	2616	3191	218	249	303
	WSS Kasauli		Solan	Solan	Kasuali	1	1	600	683	833	57	65	79
	LWSS Gorthi		Solan	Solan	Kasuali	6	7	1190	1357	1656	113	129	157
	LWSS Seri Thana		Solan	Solan	Kasuali	5	5	532	608	741	51	58	70
	WSS Jhanger		Solan	Solan	Kasuali	5	5	1081	1232	1503	103	117	143
	LWSS Jangeshu		Solan	Solan	Kasuali	3	4	543	619	755	52	59	72
	LWSS HurangKotla		Solan	Solan	Kasuali	5	7	629	719	876	60	68	83
	LWSS Bhaguri		Solan	Solan	Kasuali	2	3	852	970	1183	81	92	112
	LWSS Dumanwala	SS9	Solan	Solan	Solan	7	16	2691	3069	3740	256	292	355
	LWSS Landeywall		Solan	Solan	Solan	3	3	479	547	667	46	52	63
	LWSS AmrooBawasni		Solan	Solan	Solan	13	19	1572	1797	2190	149	171	208
	LWSS Barotiwala		Solan	Solan	Solan	2	3	5077	5776	7046	482	549	669
	LWSS Mandhala		Solan	Solan	Solan	4	6	2425	2762	3368	230	262	320
Total						87	123	23687	27004	32928	2250	2565	3128

Population Source: Census 2011, (2022 &amp; 2042 populations are projected)

9. As mentioned in the table above, SZ03 is covering 87 villages and 123 habitations, having a population of 27,004 and 32,928 in 2022 and 2042 respectively. The water demand for 2022 and 2042 is ~2565 KLD and ~3128 KLD respectively. The geographical spreads of the two grids in SZ03 is shown below.

**Figure 1: Location of the Project Area in SZ03**



Source: Google Earth

10. The water supply schemes are clubbed into grids based on their geographical continuity. Thus, these two grids are proposed under SZ03.

11. This Resettlement and Indigenous Peoples Plan (RIPP) is prepared for the SZ03 involving construction of Raw water intake facilities like Tube wells and rectangular intake structure, Six (6) water treatment plants with all appurtenances, civil & electro-mechanical works, including Chlorination sludge lagoons in which Five (5) nos work on Slow Sand Filter method, clear water pumps, Nine (9) MBRs, and Twenty one (21) SR's and the project will also Construct at least 308 kilometers (km) of water supply networks that includes 72.54 km of rising main, 49.13 km of Gravity mains and 186 km of distribution main including the replacement of aging pipes and expansion of pipe networks in newly added Households, to close the gap of water supply infrastructure. The Resettlement and Indigenous Peoples Plan (RIPP) is prepared based on the available preliminary design for the subproject. The Resettlement and Indigenous Peoples Plan (RIPP) will be updated and reconfirmed for final involuntary resettlement impacts following detailed design and based on detailed measurement surveys<sup>2</sup>. The draft and final Resettlement and

<sup>2</sup>Detailed measurement survey will be jointly conducted by Safeguards Officer (Social) and the Environmental and Social Safeguards officer of the concerned PIU, consultants and contractors prior to implementation at each site/stretch of alignment. PDMSC and contractor will be responsible for conduct of DMS and PDMSC Social Safeguard Specialist will update Resettlement and Indigenous Peoples Plan (RIPP)s prior to implementation.

Indigenous Peoples Plan (RIPP) will be reviewed and disclosed on implementing agency and ADB websites, and to affected persons and other stakeholders. No civil works contracts package should be awarded and started before implementation of final Resettlement and Indigenous Peoples Plan (RIPP) for the said package. The implementing agency is responsible to hand over the project lands/sites/alignments to the contractor free of encumbrance.

## **B. Present status of Water Supply System in the Project Area**

12. Presently the schemes are being operated at 40 LPCD with intermittent water supply to the consumers. Apart from piped water supply, consumers rely on local sources including springs, baories and nallahs for meeting the water demands. The water flow largely remains unaccounted due to absence of any water flow monitoring and automation system. This has led to unequal water supply in different areas and inefficiency in the system. The key objectives of the assignment are as below to strengthen the existing network system and provide 100% rural house with piped water supply.

13. All the schemes were commissioned prior to year 2000. The condition of most of the water supply infrastructure including water tanks, source intake, pump houses and pipelines is in bad condition and needs replacement. The non-revenue water is estimated close to 30% in most of the schemes due to leakages and damages in tanks and pipelines.

## **C. Proposed Subproject Components**

14. All the schemes were commissioned. The main components of this project SZ-03 includes: (i) Raw water intake facilities like Tube wells and rectangular intake structure (ii) Six (6) water treatment plants with all appurtenances, civil & electro-mechanical works, including Chlorination sludge lagoons in which Five (5) nos. work on Slow Sand Filter method (iii) Rising mains and Gravity mains, (vi) clear water pumps, (v) nine (9) MBRs, and twenty one (21) service reservoirs the project will also Construct 308 kilometers (km) of water supply networks that includes 72.54 km of rising main, 49.13 km of Gravity mains and 186 km of distribution network. Details of newly proposed subproject components and of existing components proposed for rehabilitation are shown in the Table 2(a) and Table 2(b) respectively.

**Table 2(a): Proposed Subproject Components under Package SZ03**

<b>Sr. No.</b>	<b>Proposed Components</b>	<b>Details</b>
1	Construction of Intake Structure	5 Intake structures will be constructed at <ol style="list-style-type: none"> <li>1. Intake Structure at Giri River</li> <li>2. Tubewell at Mandhala</li> <li>3. Tubewell at AmruBaswani</li> <li>4. Tubewell at Landeywall</li> <li>5. Tubewell at Dumanwala</li> </ol>
2	Construction of Water Treatment Plants	6 Water treatment will be constructed at <ol style="list-style-type: none"> <li>1. 2.3 MLD at Giri River</li> <li>2. Slow Sand Filter AmrooBawasni (208 KLD)</li> </ol>

Sr. No.	Proposed Components	Details
		3. Slow Sand Filter Dumanwala (355 KLD) 4. Slow Sand Filter Barotiwala (669 KLD) 5. Slow Sand Filter Mandhala (320 KLD) 6. Slow Sand Filter Landeywall (63.37 KLD)
3	Construction of Pump House	11 Pump houses will be constructed at 1. At Giri River 2. At Bigad 3. At Dharampur 4. Pump House near Proposed WTP Amroo Bawasni 5. Pump House near Proposed WTP Dumanwala 6. Pump House near Proposed Sumpwell Stage-1 7. Pump House near Proposed Sumpwell Stage-2 8. Pump House near Proposed Slow Sand Filter Landeywall 9. Pump House near Existing Sumpwell in Village Landeywall 10. Pump House near Proposed WTP Mandhala 11. Pump House in Mandhala village
4	Construction of SRs	21 Service Reservoirs will be constructed. SRs (40 KL, 40 KL, 40 KL, 130 KL, 25 KL, 45 KL, 40 KL, 60 KL, 40 KL, 60 KL, 45 KL, 65 KL, 30 KL, 100 KL, 40 KL, 25 KL, 40 KL, 50 KL, 70 KL, 80 KL and 35 KL)
5	Construction of MBRs	9 Main Balancing Reservoirs will be constructed. (65 KL, 65 KL, 65 KL, 215 KL, 20 KL, 40 KL, 20 KL, 20 KL and 20 KL)
6	Laying of Rising mains	Length: 72.54 KM and diameter ranging from 50 to 200 mm.
7	Laying of Gravity mains	Length: 49.13 KM and diameter ranging from 65 to 80 mm.
8	Laying of Distribution network	Length: 186 KM and diameter ranging from 25 mm to 125 mm
9	House service connection	5403 number of Household connection shall be made.

Source: Preliminary Detailed Project Report, 2020-21

**Table 2 (b): Existing Subproject Components proposed for Rehabilitation**

Infrastructure	Details	Proposed Rehabilitation	Alternative water supply arrangements
<b>Service Level Reservoirs</b>	<p>The following existing structures are to be repaired / rehabilitated:</p> <p><u>Grid SS1</u> 1. MBR Moti Kona</p> <p><u>Grid SS9</u> 1. Existing Pump House Barotiwala 2. Existing SR Barotiwala 1 &amp; 2- 504 KL (20m Staging Height)</p>	<ul style="list-style-type: none"> <li>▪ Retrofitting of existing Service Level Reservoirs including Boundary Wall and Approach Road</li> <li>▪ Civil repairs, rehabilitation, and construction of replacement of pipes, connections, electrical and mechanicals parts as required</li> <li>▪ Cleaning of OHT/SR</li> </ul>	Wherever existing components including Service Reservoirs and Pumphouses are proposed to be retrofitted shall be made during the non-supply period. If water supply is hampered depending on the nature of the retrofitting required in case of reservoirs, then either the supply shall be ensured through another water supply scheme in that area or through By-pass arrangement.
Transmission and Distribution Network	<p>Currently, there is about 14.1 km existing Gravity Mains and 86.56 km distribution network consists of GI pipes in water supply in all 2 grids of SZ03, but its pipeline network is more than 25 years old and most of the existing pipes cannot be used in proposal as their condition is bad.</p> <p>Distribution network which consists of bulk water lines from SR to inhabited land parcels are under stress due to the increased water demand and to meet the low-pressure heads at household levels, necessitating the need to replace</p>	<p>In the entire project area, 308 km new water pipelines will be laid, and new house service connections will be provided from the newly laid main.</p> <p>Most of the existing pipelines shall be left buried as it is.</p> <p>If the existing water pipes are in the same lining of new water supply pipes, the contractor through a detailed survey will establish the requirement of old pipes removal for giving way to new pipelines.</p> <p>Those pipes shall be removed and disposed in a controlled manner so as not to harm the environment.</p>	Under By-pass arrangement the inlet and outlet of the tank proposed for retrofitting shall be directly connected to each other just outside the tank through welding, for that time-period for which retrofitting work shall be carried out. Once retrofitting is done, the inlet and outlet shall be again connected to the tank.

Infrastructure	Details	Proposed Rehabilitation	Alternative water supply arrangements
	<p>the bulk water lines from SRs to villages to the farthest extent of the village or habitation. Pipelines will be laid in the vacant right of way of roads which belong to the government. No resettlement impacts, impacts on structures or livelihoods of the people are anticipated. Since the density of housing is low and the houses are spread out, the possibility of access disruptions to houses during pipe laying and house connections are unlikely.</p>		

Source: Preliminary Detailed Project Report, 2020-21

#### **D. Objectives of Resettlement and Indigenous Peoples Plan (RIPP):**

15. This Resettlement and Indigenous Peoples Plan (RIPP) is prepared for development of water supply components of the project package SZ03 under HPRDWILP based on preliminary design. It addresses the potential involuntary resettlement impacts of the proposed project components prepared in accordance with national laws and ADB SPS (2009).

16. This Resettlement and Indigenous Peoples Plan (RIPP) is prepared in accordance with ADB SPS 2009 requirements for involuntary resettlement Category B projects and to meet the following objectives:

- (i) To describe the identified scope and extent of land acquisition and involuntary resettlement impacts because of identified project components and address them through appropriate recommendations and mitigation measures in the Resettlement and Indigenous Peoples Plan (RIPP).
- (ii) To present the socio-economic profile of the population in the project area, identify social impacts, including impacts on the poor and vulnerable, and the needs and priorities of different sections of the population, including women, poor and vulnerable.

- (iii) To describe the likely economic impacts and identified livelihood risks of the proposed project components;
- (iv) To describe the process undertaken during project design to engage stakeholders and the planned information disclosure measures and the process for carrying out consultation with affected people and facilitating their participation during project implementation;
- (v) To establish a framework for grievance redress for affected persons that is appropriate to the local context, in consultation with stakeholders;
- (vi) To describe the applicable national and local legal framework for the project, and define the involuntary resettlement policy principles applicable to the project;
- (vii) To define entitlements of affected persons, and assistance and benefits available under the project;
- (viii) To present a budget for resettlement and define institutional arrangements, implementation responsibilities and implementation schedule for resettlement implementation; and to describe the monitoring mechanism that will be used to monitor Resettlement and Indigenous Peoples Plan (RIPP) implementation.

## II. SCOPE OF LAND ACQUISITION AND INVOLUNTARY RESETTLEMENT

### A. Land Acquisition and Involuntary Resettlement

17. The scope of land acquisition and involuntary resettlement is identified based on the walk-through surveys that were carried out in the subproject area, based on preliminary design. The team involved in this exercise are DPR consultants, safeguard consultants, and PIU officials. Works are mostly proposed in residential areas as well as areas in the outskirts of the villages and within the ROW of the government roads.

18. No compulsory acquisition of private land is anticipated, as one (1) private land parcel will be obtained through Voluntary land Donation following the land donation procedures outlined in para 99-101.<sup>3</sup> The entire civil works under the subproject for the distribution network are proposed within the boundaries or ROW of government roads (Panchayat roads). Based on the site and alignment visits of ADB Social Safeguard Consultant and in consideration of the proposed pipe diameters and available road ROWs, temporary livelihood loss of one fruit vendor is identified. However, this will need to be assessed and reconfirmed after finalization of detailed design and finalization of alignments through detailed measurement surveys on sites/sections of pipeline alignment and the Resettlement and Indigenous Peoples Plan (RIPP) will be updated accordingly, prior to implementation. Adequate consultation has been done with the landowners and the non-titled affected people. The findings of the consultation has been recorded in the document.

- (i) Consultation with land donors confirmed that the voluntary land donation will not have any adverse impact in terms of loss of land as he will lose less than 10% of his total land holdings;
- (ii) Third party certification of voluntary land donation process will be undertaken by an independent third party.

19. The package currently identifies following IR impacts under proposed LWSS Barotiwala under Grid SS-9:

- (i) **Loss of minor structures** not resulting in physical or economic displacement- Identified site for proposed WTP/Pump house is a government land, located behind the existing WTP / Pump house of Barotiwala. This site is encroached by a local resident. Structures loss is anticipated to one non-titled woman having a semi-pucca cattle shed along with cemented feeding trays to feed animals, store rooms, retiring room, toilet, car parking shed and gate etc. on vested government land, identified for proposed WTP/Pump house at Barotiwala under LWSS Barotiwala. The affected person has a strong economic background with shops in main market and titled property with sufficient space for cattle and car parking in Barotiwala. **refer Appendix 22 for photographs.**
- (ii) **Temporary loss of livelihood:** Proposed alignment of CWRM from WTP/Pumphouse at Barotiwala to proposed OHT (245 KL) at Damuwalawill be laid left hand side of the existing main road at Barotiwala and a roadside fruit

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<sup>3</sup> Voluntary land donation will ensure that: i) full consultation with landowners and any non-titled affected people on site selection are undertaken; (ii) voluntary donations do not severely affect the living standards of affected people, and are linked directly to benefits for the affected people, with community sanctioned measures to replace any losses that are agreed to through verbal and written record by affected people; and (iii) any voluntary "donation" will be confirmed through verbal and written record and verified by an independent third party such as a designated nongovernment organization or legal authority.



- vendor who is likely to suffer temporary income loss for minimum 7 days with in the right of way (ROW) of road, **refer to Appendix 23 for photographs.**
- (iii) **Impact on ramp**—proposed alignment of CWRM from WTP/Pumphouse at Barotiwala to proposed OHT (245 KL) at Damuwala on the left hand side of the existing road, will result impact on minor structures like ramps reported within the right of way of existing road covering both private and public, **refer to Appendix 24 for photographs.** Access will be provided with provision of planks where unavoidable the minor structures like ramps, stairs, steps and pavements etc. will be restored by the contractor as per previous or better condition. The provisions for restoration of minor structures of public and private property will be the part of budget under the DBO contract.
- (iv) **Access to roadside CPRs**—A group of Common properties resources (CPRs) like one drinking water tank, Banyan tree with platform and temple of village deity is reported at Damuwala along on the left-hand side of the road. Access to these CPRs may be restricted during construction due to proposed alignment of CWRM from WTP/Pumphouse at Barotiwala to proposed OHT (245 KL) at Damuwala, which will be avoided through provision of planks to provide access and scheduling the construction activities during the time of day when the temple is closed. Further consultations will be undertaken with the management committee and community prior to contract award. **Refer to Appendix 25 for photographs.**

20. The components are proposed on available government lands and one (1) component is on private land which will be obtained through Voluntary Land Donation. No land donation from any Vulnerable<sup>4</sup>/BPL<sup>5</sup> household will be done, and it will not render them landless.

21. Intakes, WTPs, Pump houses, MBRs and SRs are the major civil structures proposed in this package. The summary of the grid wise components proposed in the package is summarized below.

**Table 3: Proposed Civil Structures in SZ03**

Number of Civil structures						
Package	Grid no.	Intake	WTPs	Pump House	MBRs	SRs
SZ03	SS1	1	1	3	7	10
	SS9	4	5	8	2	11
<b>Total</b>		<b>5</b>	<b>6</b>	<b>11</b>	<b>9</b>	<b>21</b>

Source: Preliminary Detailed Project Report, 2020-21

22. The above table shows that there are Five(5) intakes, six(6) WTPs, eleven (11) pump houses, nine(9) MBRs and Twenty-one(21) SRs have been proposed under this package. The component wise description and summary of Involuntary Resettlement Impact is mentioned

<sup>4</sup>Vulnerable Households/ groups comprise of those living below the poverty line, women headed, elderly headed households, destitute children (orphans, child workers), scheduled caste, scheduled tribes, disable-headed household, and transgender people, landless persons and those without legal site.

<sup>5</sup>The Planning Commission, Government of India, in its press note on Poverty Estimates, 2011-2012 and Reserve Bank of India, specifies rural poverty line of Himachal Pradesh to ₹913 per capita per month based on computation as per Tendulkar Method on Mixed Reference Period (MRP). The Rural poverty line in Himachal Pradesh has been adjusted to ₹1420 for June 2020-21 for an average inflation at 5.04% per annum.

Source: (i) <http://labourbureaunew.gov.in>. (ii) <https://www.ceicdata.com/en/india/consumer-price-index-agricultural-labourers-198687100-by-states/cpi-86p-agri-labourers-himachal-pradesh>.

below. The grid wise detailed integrated plans<sup>6</sup> of the proposed components mentioned in the above Table 3 are appended in Appendix 20.

### **1. Intake**

23. Under this package, five (5) intakes are proposed to be constructed for distribution of clear water to the project area. The sites selected for the proposed Intake and tube wells are sustainable. All the 5 Intakes are proposed on Government land.

24. Table below provides summary of Land Acquisition & Involuntary Resettlement Impacts for the proposed Intakes. Description of the Intake locations, land use, surrounding features are provided in Table 12. Google Earth images of each component locations are appended in Appendix 20.

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<sup>6</sup> Detailed Integrated Plan outlines all proposed components including intakes, pump houses, WTPs, water storage tanks, rising mains, gravity mains and distribution network in the project area.

**Table 4: Proposed Intake and Summary of Involuntary Resettlement Impact**

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
1	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Intake Structure on Giri river	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	<p>Works to be carried out along Giri River. Intake will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer to JSV has been initiated under the letter no. JSSD-D/Pur-Land Transfer/2020/835-36 dated 29.12.2020. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
2	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Sumpwell Stage-2 Bigad	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	<p>Proposed Sumpwell, will be constructed on the available government land under the ownership of Revenue Department. The land transfer to JSV has been initiated under the letter no. JSSD-D/Pur-Land Transfer/2020/835-36 dated 29.12.2020. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
3	SS9	LWSS Dumanwala	Proposed TubewellDumanwala	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	<p>Proposed Tube well will be constructed on the available government land under the ownership of Revenue department The land transfer to JSV has been initiated under the letter no. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3. During construction of tubewell, temporary barricading shall be ensured by the project for safety and acessbility for the nearest habitations shall be provided.</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
4	SS9	LWSS Landeywall	Proposed TubewellLandeywall	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	<p>Proposed Tube well will be constructed on the available government land under the ownership of Revenue department The land transfer to JSV has been initiated under the letter no. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land.</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							No involuntary resettlement impact is anticipated.
5	SS9	LWSS AmrooBawasni	Proposed TubewellAmrooBawasni	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	Proposed Tube well will be constructed on the available government land under the ownership of Revenue department The land transfer to JSV has been initiated under the letter no. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3 There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
6	SS9	LWSS Mandhala	Proposed T/well	None	Unused Vacant Land	1-2 m kaccha pathway. It will be assessed and finalized during Detailed measurement survey (DMS)	Proposed Tube well will be constructed on the available government land under the ownership of Revenue department The land transfer to JSV has been initiated under the letter no. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.

Source: Site Visit, transect walk, sample survey, DPRs, Technical Documents and analysis

## 2. Pump House

25. Under the package, eleven (11) pump houses are proposed to be constructed for distribution of clear water to the entire project area. The sites selected for the proposed pump houses are sustainable. Table below provides Land Acquisition & Involuntary Resettlement Impacts for the proposed Pump houses. Description of the Pump houses locations and the land use, surrounding features are provided in Table 12. Google Earth images of each component location are in Appendix 20.

**Table 5: Proposed Pump Houses and Summary of Involuntary Resettlement Impact**

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
1.	SS 1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed PH Stage-I At Giri River	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant and unused government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSSD-D/Pur-Land Transfer/2020/835-36 dated 29.12.2020. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
2.	SS 1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri	Proposed PH Stage-II Bigad	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant government land under the ownership of

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
		Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri					Revenue Department. The land transfer process to JSV has been initiated as per letter no.JSSD-D/Pur-Land Transfer/2020/83 5-36 dated 29.12.2020. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
3.	SS 1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed PH Dharampur	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed Pumphouse Dharampur will be constructed on the available Forest Land.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. Thus, no temporary or permanent IR impact is envisaged.
4.	SS 9	LWSS Dumanwala	Proposed PH Dumanwala	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The

Sr. No .	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							land transfer process to JSV has been initiated as per letter no.JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
5.	SS 9	LWSS Landeywall	Proposed PH Landeywall near WTP	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no.JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement



Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							impact is anticipated.
6.	SS 9	LWSS Landeywall	Proposed PH Stage 2	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	<p>Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
7.	SS 9	LWSS AmrooBawasni	Proposed PH AmrooBawasni	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	<p>Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021.</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							<p>Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
8.	SS 9	LWSS AmrooBawasni	Proposed PH Stage-1	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	<p>Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
9.	SS 9	LWSS AmrooBawasni	Proposed PH Stage-2	None	Existing PH	3 m wide and 20 m long bituminous road	<p>Pump house will be constructed on the available vacant government land under the ownership of</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							<p>Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3. The proposed Pumhouse will be adjacent to existing pumphouse. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing pumphouse during construction.</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
10.	SS 9	LWSS Mandhala	Proposed PH-Mandhala	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021 Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
11.	SS 9	LWSS Mandhala	Proposed PH Mandhala-2	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Pump house will be constructed on the available vacant government land under the ownership of Revenue Department. The land transfer process to JSV has been initiated as per letter no. JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary / Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							impact is anticipated.

Source: Site Visit, transect walk, sample survey, DPRs, Technical Documents and analysis

### 3. Reservoirs

26. Under the package, twenty-one (21) Service Reservoirs (SRs) and Nine (9) MBRs are proposed to be constructed for distribution of clear water to the entire package. The sites selected for the proposed SRs and MBRs. With capacities ranging from 20KL to 245KL. Out of 21 SRs, one (1)SR Satyana Shiva is proposed on Private land and will be obtained through voluntary land donation, remaining Twenty(20) SRs are under the Ownership of Revenue department.

27. Out of the Nine (9) MBRs, Only One (1) MBR Kasauli is proposed on land under the ownership of Cantonment Board and remaining Eight (8) MBRs are proposed on Land under the ownership of Revenue department. Table below provides summary of Land Acquisition & Involuntary Resettlement Impacts for the proposed Reservoirs. Description of the reservoir's locations, land use and surrounding features are provided in Table 12. Google Earth images of each component location are in Appendix 20.

**Table 6: Proposed Reservoirs and Summary of Involuntary Resettlement Impact**

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
1.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Oria	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed MBR Oria will be constructed on the available government land. The new tank is proposed next to the existing tank. The existing structure to be used as a backup in case of emergency. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. Thus, no temporary or permanent IR impact is envisaged.

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
2.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Dharampur	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed MBR Dharampur will be constructed on the available Forest Land. The new tank is proposed next to the existing tank. The existing structure to be used as a backup in case of emergency.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. Thus, no temporary or permanent IR impact is envisaged.
3.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Kasuali	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed MBR Kasauli will be constructed on the available government land under the ownership of Cantonment Board as per Letter CBK/VVD/1(KJ)/-539 dated 20.4.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
4.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR GarkhalLarah	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed MBR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
5.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu,	Proposed MBR Badeha	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed MBR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
		HurangKotla, Bhaguri					existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
6.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Chabal	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed MBR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
7.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Jhanger	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed MBR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
8.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Seri Thana	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
9.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Kasauli	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed SRKasauli will be constructed on the available government land under the ownership of Cantonment Board as per Award Letter CBK/VVD/1(KJ)/-539 dated 20.4.2021. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated. Appended in appendix 3
10.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Sunaradi Anji	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
11.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Satyna Shiva	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed SR Satyna Shiva will be constructed on the private Land Voluntary Donated by the Owner Mr. Amer Singh. The Land is vacant and unused. Thus, no temporary or permanent IR impact is envisaged. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.



Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
12.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Shilar	None	Existing Tank	3 m wide and 20 m long bituminous road	<p>Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
13.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Hurang Combined	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	<p>Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.</p>
14.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhallLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jangeshu	None	Existing Tank	3 m wide and 20 m long bituminous road	<p>Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							proposed land. No involuntary resettlement impact is anticipated.
15.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jhanger-2	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
16.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jhanger-3	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
17.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Bhaguri	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer to JSV has been initiated under the letter no. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated 25.2.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
18.	SS9	LWSS Dumanwala	Proposed SR Dumanwala	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
19.	SS9	LWSS Dumanwala	Proposed SR JattiMajra	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
20.	SS9	LWSS Dumanwala	Proposed SR Basolan	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
21.	SS9	LWSS Landeywall	Proposed SR Sitalpur (Staging - 15 m)	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
22.	SS9	LWSS Landeywall	Proposed SR Landeywall	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
23.	SS9	LWSS AmrooBawasni	Proposed MBR Amroo	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
24.	SS9	LWSS AmrooBawasni	Proposed MBR Banera	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
25.	SS9	LWSS AmrooBawasni	Proposed SR Amroo	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3. During construction of tank, temporary barricading shall be ensured for safety and accessability for the nearest hutments shall be provided. There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
26.	SS9	LWSS AmrooBawasni	Proposed SR Bawasni (Staging - 20 m)	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
27.	SS9	LWSS AmrooBawasni	Proposed SR Kolka	None	Unused Vacant Land	3 m wide and 20 m long	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition and Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
						bituminous road	land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
28.	SS9	LWSS Barotiwala	Proposed SR Damuwala (Staging - 15 m)	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
29.	SS9	LWSS Mandhala	Proposed SR Mandhala	None	Existing Tank	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3. The proposed tank will be adjacent to existing tank. The existing structure will be retained and used as a backup in case of emergency also the alternative water supply will be ensured through Existing Tank during construction.  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.
30.	SS9	LWSS Mandhala	Proposed SR Surajpur	None	Unused Vacant Land	3 m wide and 20 m long bituminous road	Proposed SR will be constructed on the available government land under the ownership of Revenue department. The land transfer has been initiated under letter No. JSD-NLG-DB-NDB- /2020-19507-10 dated 27.3.2021. Appended in appendix 3  There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated.

Source: Site Visit, transect walk, sample survey, DPRs, Technical Documents and analysis

28. The location of the reservoirs are isolated and there are no human settlements nearby the identified locations; the plots are unused and vacant government land, except one private land parcel obtained through land donation the reservoir sites were verified and assessed based on Google Earth maps, photographs and field visits). The site locations of reservoirs are selected as such that it has access to government roads. The approach roads are about 3m wide 20m long upto proposed reservoir locations; the approach roads will not affect any private property.

#### 4. Water Treatment Plants

29. Under the package, six (6) Water Treatment Plants (WTP) are proposed to be constructed for treatment of raw water. The capacity of WTP ranging from 60KLD to 2300KLD. The sites selected for the proposed WTPs are government land. Table below provides Land Acquisition & Involuntary Resettlement Impacts for the proposed WTP. Description of the WTP locations, land use and surrounding features are provided in Table 12. Google Earth images of each component location are appended in Appendix 20.

**Table 7: Proposed WTP and Summary of Involuntary Resettlement Impact**

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
1	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Water Treatment Plant at KotlaBarog	None	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP will be constructed on the available government land under the ownership of Revenue department. Land transfer to JSV has been initiated under Letter JSSD-D/Pur-Land Transfer/2021-933-34 dated 16.01.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure or non-title holder (NTH) on the proposed land. No involuntary resettlement impact is anticipated. Thus, no temporary or permanent IR impact envisaged.</p> <p>Appendix 6 provides the Khasra map, revenue records and Google map of the proposed WTP.</p>
2.	SS9	LWSS Dumanwala	Proposed WTP Dumanwala	None	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP will be constructed on the available government land owned by the Revenue Department. The Land transfer to JSV has been initiated under letter No. Letter JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021 Appended in appendix 3</p> <p>There is no permanent or temporary structure, Non-Titled Holders (NTH) on the proposed land. No temporary or permanent IR impact is envisaged.</p> <p>Appendix 6 provides the Khasra map, revenue records and Google map of the proposed WTP.</p>
3.	SS9	LWSS Landeywall	Proposed WTP Landeywall	None	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP will be constructed on the available government land owned by the Revenue Department. The Land transfer to JSV has been initiated under letter No. Letter JSD-NLG-DB-NDB-</p>

Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							<p>/2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure, Non-Titled Holders (NTH) on the proposed land. No temporary or permanent IR impact is envisaged.</p> <p>Appendix 6 provides the Khasra map, revenue records and Google map of the proposed WTP.</p>
4.	SS9	LWSS AmrooBawasni	Proposed WTP AmrooBawasni	None	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP will be constructed on the available government land owned by the Revenue Department. The Land transfer to JSV has been initiated under letter No. Letter JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure, Non-Titled Holders (NTH) on the proposed land. No temporary or permanent IR impact is envisaged.</p> <p>Appendix 6 provides the Khasra map, revenue records and google map of the proposed WTP.</p>
5.	SS9	LWSS Barotiwala	Proposed WTP Barotiwala	Cattle Shed and other structures	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP Barotiwala will be constructed on the available Government land. There is a Non-title holder who had constructed semi permanent structures like Cattle shed, storeroom etc. on the vested government land. The details and profile of Affected Person (AP), Revenue records, Khasra Map and Google earth Image are appended in appendix 5</p>
6.	SS9	LWSS Mandhala	Proposed SSF-Mandhala	None	Unused Vacant Land	3 m wide and 50 m long bituminous road	<p>Proposed WTP will be constructed on the available government land owned by the Revenue Department. The Land transfer to JSV has been initiated under letter No. Letter JSD-NLG-DB-NDB-/2020-19507-10 dated 27.3.2021. Appended in appendix 3</p> <p>There is no permanent or temporary structure, Non-Title Holder (NTH) on the proposed land. No temporary or permanent IR impact is envisaged.</p>



Sr. No.	Grid	Scheme Name	Name of the Components	Land Acquisition & Involuntary Resettlement Impacts (Temporary/ Permanent Impacts)	Present Land Use of the Plot	Access Road	Remarks
							Appendix 6 provides the Khasra map, revenue records and google map of the proposed WTP.

Source: Site Visit, transect walk, sample survey, DPRs, Technical Documents and analysis

## 5. Water transmission mains:

30. The water transmission mains proposed in this package are as follows:

- (i) **Rising Mains** – The proposed rising mains to lift the water from lower elevation to higher elevation is about 72.54kms. The material of the pipe is MSERW. The diameter is 50 to 200 mm. Involuntary Resettlement (impacts like temporary loss of livelihood of one fruit vendor reported within the ROW of existing road at Barotiwala, impact on ramps both private and public and CPRs along the road at village Damuwala under LWSS Barotiwala, refer to Appendix 23, 24 and 25 for site photographs
- (ii) **Gravity Mains** – The proposed gravity mains to convey water from higher elevation to lower elevation is about 49.13 Kms. The material of the pipe is GI. The diameter ranges are 65 to 80 mm.
- (iii) **Distribution Mains** – The proposed distribution network to convey water to habitations is about 186 kms. The material of the pipe is GI. The diameter ranges are 25 mm to 125 mm.

31. The Grid wise details of the water pipeline networks with diameter which will be laid in the sub project area are as follows-

**Table 8: Details of Proposed Rising Main Network under SZ03**

Grid	Length of Galvanised Iron Pipe (Rising Main)					
	50 mm	65 mm	80 mm	100 mm	125 mm	200 mm
SS1	-	-	-	-	-	30422
SS9	5640	11017	17277	4646	3538	-
Total Length	5640	11017	17277	4646	3538	30422

**Table 9: Details of Proposed Gravity Main under SZ03**

Grid	Length of Galvanised Iron Pipe (Gravity Main)					
	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm
SS1	18	19938	1226	13165	1367	6292
SS9	-	4265	2867	-	-	-
Total Length	18	24203	4093	13165	1367	6292

Source: Preliminary Detailed Project Report, 2020-2021

**Table 10: Details of Proposed Distribution Network under SZ03**

Grid	Length of Galvanised Iron Pipe – Distribution network							
	25 mm	32 mm	40 mm	50 mm	65mm	80 mm	100 mm	125 mm
SS1	9499	10434	12463	11656	20212	1732	1945	501
SS9	17875	8561	19041	15418	46770	7106	1335	1501
Total Length	27374	18995	31504	27074	66982	8838	3280	2002

Source: Preliminary Detailed Project Report, 2020-2021

32. Household connections will be provided to each house from the bulk water distribution mains. The details of the household connections proposed in the sub project area are shown below:

**Table 11: Details of household connections**

Grid No.	Number of Gram Panchayat	Number of Villages	Total No. of Habitations	Household connections
				2022
SS1	5	34	44	2612
SS9	4	29	47	2791
All Grids Combined for SZ03	9	63	91	5403

Source: Preliminary Detailed Project Report, 2020-2021

33. As above table shows that the overall household connections for the sub project commencing year (2022) is about 5403. The main bulk water distribution lines will reach the habitations. Thereafter, each house will be connected by a house service connection pipeline. The pipeline material is GI. with diameters of 15 and 20 mm and length of 30 m on average. These

connections will be proposed along with a smart water meter to monitor the quantity of water delivered at user end.




34. **Sludge Disposal Mechanism:** The incoming raw water from sources will be treated through either Slow sand filters or Rapid Sand filters for the removal for suspended solids, BOD, COD and any other impurities as per assigned drinking water standards.



- (i) **Provision of recirculation system for backwash water** - backwash water from filter beds will be re circulated to WTP inlet and mixed with raw water; this arrangement will minimize wastage of water, which otherwise would have disposed to open drains, and polluted the receiving water body. Since back water is recovered and re-circulate in the WTP, no wastewater will be generated from water treatment process. Backwash water from filter beds will be sent to a storage tank, and after allowing adequate time for settlement of solids, clarified water will be pumped to WTP inlet. This arrangement will avoid pollution and minimize wastage of water
- (ii) Accumulated sludge will be disposed-off at sludge drying beds for natural drying. Dried sludge will be used as soil conditioner if it is suitable. Dried sludge will be used as soil conditioner. Largest water treatment plant proposed in the SZ03 is of 2300 KLD capacity located at village KotlaBarog in Grid SS-1 and it is estimated based on the source water quality during monsoon that 1.2 kg of sludge is expected to be generated per day. The water quality in the sources is quite better as being snow fed. The sludge generated will be dried in the sludge drying bed for use as manure in green area within the WTP complex. Periodic testing of dried sludge will be conducted to ensure that it does not contain heavy metals that make it unsuitable for food crops. Tests will be conducted to confirm the concentrations below the following standards. As there are no specific standards notified for sludge reuse, the compost quality standards notified under the Municipal Solid Waste Management & Handling Rules, 2000 have been adopted here.



35. **Rapid Sand Filter:** Components of the rapid sand filter i.e., Pre settling tank, connecting channel cum venturi flume, flash mix, flocculator, channel connecting flocculator to rapid gravity filter, rapid sand gravity filter and clear water reservoir are cast in-situ. It shall be ensured that WTP (RSF) components shall be designed to permit a 50% overload.


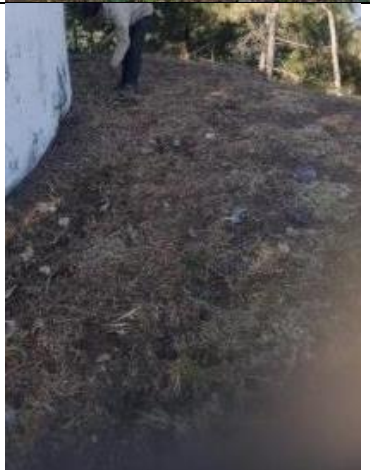
36. **Slow Sand Filter:** Components of the slow sand filter i.e., inlet chamber, filter beds (2 nos.) and collection tank are cast in-situ.

**Table 12: Details of land availability, ownership, description of surrounding areas, present land Use and status of No Objection Certificate (NOC) for sites**




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
1.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Intake Structure on Giri river	KotlaBarog	Revenue Department	10000	Length- 2.5 m and Breadth- 2 m	Vacant Government Land with khad flowing at one corner side of the plot but away from construction site.	6	Land Record and Khsra Map Land Record and Khsra Map Will be updated in Final RIPP.	
2.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Water Treatment Plant	KotlaBarog	Revenue Department	10000	6300	Vacant Government Land with khad flowing at one corner side of the plot but away from construction site.	6	Land Record and Khsra Map Will be updated in Final RIPP.	
3.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu,	Proposed PH Stage-I At Giri River	KotlaBarog	Revenue Department	10000	63.15	Vacant Government Land with khad flowing at one corner side of the plot but away from construction site.	6	Land Record and Khsra Map Will be updated in Final RIPP.	

Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
		HurangKotla, Bhaguri									
4.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed PH Stage-II Bigad	Shamlhech	Revenue Department	3300	63.15	Unused vacant land withshrubs in surrounding. The land is devoid of any other activities in surrounding	90/1	Land Record and Khsra Map Will be updated in Final RIPP.	
5.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed PH Dharampur	Dharampur	Revenue Department	2400	63.15	Vacant Plot On the side of road, which will not be affected due to construction work.	24	Land Record and Khsra Map Will be updated in Final RIPP.	



Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
6.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Oria	Oria	Revenue Department	1250	81	Vacant land with few shrubs in surrounded with a tank adjacent to proposed Site.	10	Land Record and Khsra Map Will be updated in Final RIPP.	
7.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Dharampur	Dharampur	Revenue Department	2400	81	The land is vacant. Shrubs are there around the proposed plot.	24	Land Record and Khsra Map Will be updated in Final RIPP.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
8.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Kasuali	Kasuali	Cantonment Board	300	81	Few shrubs are there in surrounding with a tank adjacent to proposed plot. The land is devoid of any other activities in surrounding	84	Land Record and Khsra Map Will be updated in Final RIPP.	
9.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR GarkhalLar ah	Garkhal	Revenue Department	169	100	Few shrubs are there in surrounding with a tank adjacent to proposed plot.	1413/1 228	Land Record and Khsra Map Will be updated in Final RIPP.	









Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
10.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Badeha	Badeha	Revenue Department	100	64	The land is vacant with few shrubs in surrounding and with a tank adjacent to proposed plot.	566	Land Record and Khsra Map Will be updated in Final RIPP.	
11.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Chabal	Chabal	Revenue Department	100	81	Few shrubs are there in surrounding with a tank adjacent to proposed plot. The land is vacant and devoid of any other activities in surrounding.	1	Land Record and Khsra Map Will be updated in Final RIPP.	
12.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed MBR Jhanger	Jhanger	Revenue Department	100	64	The plot is unused vacant land. Few shrubs are there in surrounding with a tank adjacent to proposed plot.	604	Land Record and Khsra Map Will be updated in Final RIPP.	





Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
13.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Seri Thana	Upmohal Nalhog	Revenue Department	100	81	The plot is unused vacant land. The surrounding land is vacant with a tank adjacent to proposed plot. The land is devoid of any other activities in surrounding.	239	Land Record and Khsra Map Will be updated in Final RIPP.	
14.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLarah, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Kasauli	Kasuali	Revenue Department	100	81	Few shrubs are there in surrounding with a tank adjacent to proposed plot.	1	Land Record and Khsra Map Will be updated in Final RIPP.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
15.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Sunaradi Anji	NichliG ongri	Revenue Department	100	81	The land is vacant with few shrubs in surrounding with a tank adjacent to proposed plot.	1	Land Record and Khsra Map Will be updated in Final RIPP.	
16.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Satyana Shiva	Banti	Private	200	121	The plot is unused vacant land. Few shrubs are there in surrounding with a tank adjacent to proposed plot.	383	Land Record and Khsra Map Will be updated in Final RIPP.	
17.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Shilar	Ahni	Revenue Department	100	64	The plot is unused vacant land with with a tank adjacent to proposed plot.	220/21 8/49	Land Record and Khsra Map Will be updated in Final RIPP.	



Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
18.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Hurang Combined	Hurang	Revenue Department	100	81	The plot is vacant. Few shrubs are there in surrounding with a tank adjacent to proposed plot.	573	Land Record and Khsra Map Will be updated in Final RIPP.	
19.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jangeshu	Jangeshu	Revenue Department	100	81	The plot is vacant. Few shrubs are there in surrounding with a tank adjacent to proposed plot.	178	Land Record and Khsra Map Will be updated in Final RIPP.	
20.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jhanger-2	Jhanger	Revenue Department	100	81	The plot is vacant. Few shrubs are there in surrounding. The site is away from any human settlement.	604	Land Record and Khsra Map Will be updated in Final RIPP.	



Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
21.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Jhanger-3	Jhanger	Revenue Department	100	81	The plot is vacant. Few shrubs are there in surrounding with a tank adjacent to proposed plot.	458	Land Record and Khsra Map Will be updated in Final RIPP.	
22.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed SR Bhaguri	Tamber Nagar	Revenue Department	100	81	The plot is vacant. Few shrubs are there in surrounding. The plot is away from habitation.	109	Land Record and Khsra Map Will be updated in Final RIPP.	
23.	SS1	LWSS Sunaradi Anji. Satyana Shiva, GarkhalLara h, Kasauli, Gorthi, Seri Thana, Jhanger, Jangeshu, HurangKotla, Bhaguri	Proposed Sumpwell Stage-2 Bigad	Shamlhe ch	Revenue Department	120	Dia 6.5 m and depth 5.5 m	The plot is vacant. Few shrubs are there in surrounding. The land is devoid of any other activities in surrounding	90/1	Land Record and Khsra Map Will be updated in Final RIPP.	






Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
24.	SS9	LWSS Dumanwala	Proposed Tubewell	Baddi	Revenue Department	21641	200 mm dia and 125m deep	The plot is vacant. There are few habitations 100meter away from the plot and Habitations will not be impacted due to construction. The google earth image of the plot with habitation can be referred in appendix 27.	.	Refer Appendix 3(f) for Land records/ NOCs.	
25.	SS9	LWSS Dumanwala	Proposed WTP Dumanwala	Baddi	Revenue Department	21641	675	The plot is vacant. Few shrubs are there in surrounding with Lodhi industrial area entrance 300m away from the plot.	328/322/281	Refer Appendix 3(f) for Land records/ NOCs.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
26.	SS9	LWSS Dumanwala	Proposed PH Dumanwala	Baddi	Revenue Department	21641	Within campus of WTP Dumanwala	The plot is vacant. Few shrubs are there in surrounding with Lodhi industrial area entrance 300m away from the plot.	328/322/282	Refer Appendix 3(f) for Land records/ NOCs.	
27.	SS9	LWSS Dumanwala	Proposed SR Dumanwala	Baddi	Revenue Department	3,30,000	64	The proposed plot is situated beside the access road to the side, surrounded by shrubs, No nearby structures. The plot is vacant.	515/505/280	Refer Appendix 3(f) for Land records/ NOCs.	
28.	SS9	LWSS Dumanwala	Proposed SR JattiMajra	Raipur	Revenue Department	1173.5	100	The plot is adjacent to road is vacant with a temple on right side of it. The access road to the temple will not be affected	61	Refer Appendix 3(f) for Land records/ NOCs.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
								during the construction.			
29.	SS9	LWSS Dumanwala	Proposed SR Basolan	Haliara	Revenue Department	1,78,628	81	The proposed plot is situated on hilly terrain the side, surrounded by shrubs, No nearby structures. The plot is vacant.	46	Refer Appendix 3(f) for Land records/ NOCs.	
30.	SS9	LWSS Landewall	Proposed Tubewell	Chakjangi	Revenue Department	3672	200 mm dia and 90 m deep	The plot area is vacant surrounded by shrubs around it. Devoid of any human settlement in nearby areas.	63	Refer Appendix 3(f) for Land records/ NOCs.	



Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
31.	SS9	LWSS Landeywall	Proposed WTP Landeywall	Chakjangi	Revenue Department	3672	325	The plot is vacant. The land is devoid of any other activities in surrounding.	63	Refer Appendix 3(f) for Land records/ NOCs.	
32.	SS9	LWSS Landeywall	Proposed PH Landeywall near WTP	Chakjangi	Revenue Department	3672	Within the campus of WTP	The Pump house is proposed at the same plot near proposed WTP. The plot is vacant. The land is devoid of any other activities in surrounding.	63	Refer Appendix 3(f) for Land records/ NOCs.	

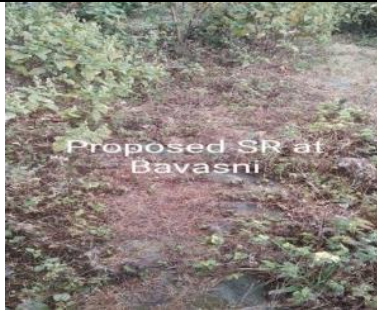




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
33.	SS9	LWSS Landeywall	Proposed PH Stage 2	Landeywall	Revenue Department	4490.5	63.15	Vacant Plot adjacent to Katcha pathway. The land is devoid of any other activities in surrounding.	1669/119/362	Refer Appendix 3(f) for Land records/ NOCs.	
34.	SS9	LWSS Landeywall	Proposed SR Sitalpur (Staging - 15 m)	Chakjangi	Revenue Department	4,41,262	81	Vacant plot Surrounded by mostly shrubs.	217	Refer Appendix 3(f) for Land records/ NOCs.	
35.	SS9	LWSS Landeywall	Proposed SR Landeywall	Landeywall	Revenue Department	3672	81	Surrounded by mostly vacant plot. The land is devoid of any other activities in surrounding	63	Refer Appendix 3(f) for Land records/ NOCs.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
36.	SS9	LWSS AmrooBawasni	Proposed Tubewell AmrooBawasni	Bagbani a	Revenue Department	930.5	200 mm dia and 125m deep	Vacant plot surrounded by mostly vacant plot with shrubs	223	Refer Appendix 3(f) for Land records/ NOCs.	
37.	SS9	LWSS AmrooBawasni	Proposed WTP AmrooBawasni	Bagbani a	Revenue Department	930.5	445	The plot is vacant. Nallah flowing other side of the plot which will not be affected	223	Refer Appendix 3(f) for Land records/ NOCs.	
38.	SS9	LWSS AmrooBawasni	Proposed PH AmrooBawasni	Bagbani a	Revenue Department	930.5	Within the campus of WTP	The plot is vacant. Nallah flowing other side of the plot which will not be affected	223	Refer Appendix 3(f) for Land records/ NOCs.	




Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
39.	SS9	LWSS AmrooBawasni	Proposed PH Stage-1	Jaman Da	Revenue Department	120537	48	Vacant plot with few shrubs. The land is devoid of any other activities in surrounding	509	Refer Appendix 3(f) for Land records/ NOCs.	
40.	SS9	LWSS AmrooBawasni	Proposed PH Stage-2	Banera	Revenue Department	120537	48	The plot is vacant with existing pumphouse. The land is devoid of any other activities in surrounding.	509	Refer Appendix 3(f) for Land records/ NOCs.	
41.	SS9	LWSS AmrooBawasni	Proposed MBR Amroo	Bawasani	Revenue Department	39762	64	Vacant plot, Surrounding is vacant with existing MBR adjacent to proposed site.	304	Refer Appendix 3(f) for Land records/ NOCs.	


Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
42.	SS9	LWSS AmrooBawasni	Proposed MBR Banera	Banera	Revenue Department	219685	64	Vacant plot, The plot is isolated and devoid of any habitations.	272	Refer Appendix 3(f) for Land records/ NOCs.	
43.	SS9	LWSS AmrooBawasni	Proposed SR Amroo	Amru	Revenue Department	7524	81	<del>Roadside</del> The Plot is vacant adjacent to village. There are small hutments besides the proposed plot. Hutments will not be impacted during construction. The google earth image of the plot with Hutments can be referred in appendix 27.	373	Refer Appendix 3(f) for Land records/ NOCs.  During construction temporary boundary shall be made for safety and accessibility of the nearest pathway shall be insured.	

Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
44.	SS9	LWSS AmrooBawasni	Proposed SR Bawasni (Staging - 20 m)	Bawasani	Revenue Department	25888	81	Vacant plot, Surrounding is vacant with few shrubs around it.	376	Refer Appendix 3(f) for Land records/ NOCs.	
45.	SS9	LWSS AmrooBawasni	Proposed SR Kolka	Kolka	Revenue Department	196228	64	Roadside vacant plot.	248	Refer Appendix 3(f) for Land records/ NOCs.	
46.	SS9	LWSS Barotiwala	Proposed WTP Barotiwala	Barotiwala	Revenue Department	1214	885	The plot is vacant and devoid of any human settlement in nearby areas.	107	Refer Appendix 3(f) for Land records/ NOCs.	



Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
47.	SS9	LWSS Barotiwala	Proposed SR Damuwala (Staging - 15 m)	Bated	Revenue Department	20,064	144	Vacant plot with shrubs in surrounding area. The plot is devoid of any human settlement in nearby areas.	890	Refer Appendix 3(f) for Land records/ NOCs.	
48.	SS9	LWSS Mandhala	Proposed T/well	Mandhala	Revenue Department	16540	200 mm dia and 125m deep	Vacant Plot. Ayurvedic Sub centre some 100 m away from the proposed plot on the other side of the entry road to the plot. 1 big Nallah flowing on other side of the plot.	1324/1	Refer Appendix 3(f) for Land records/ NOCs.	
49.	SS9	LWSS Mandhala	Proposed SSF-Mandhala	Mandhala	Revenue Department	16540	485	Roadside Vacant plot. The land is devoid of any other activities in surrounding	1324/1	Refer Appendix 3(f) for Land records/ NOCs.	

Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
50.	SS9	LWSS Mandhala	Proposed PH-Mandhala	Mandhala	Revenue Department	18475	Within the campus of WTP	Roadside vacant plot. The land is devoid of any other activities in surrounding	743	Refer Appendix 3(f) for Land records/ NOCs.	
51.	SS9	LWSS Mandhala	Proposed SR Mandhala	Mandhala	Revenue Department	9,59,924	100	Existing tank adjacent to proposed plot. The surrounding is having few Shrubs around it. The plot is vacant.	1713/1697	Refer Appendix 3(f) for Land records/ NOCs.	
52.	SS9	LWSS Mandhala	Proposed PH Mandhala-2	Barotiwal	Revenue Department	52,505	48	The proposed Plot is vacant, there is a structure beside the plot which will not be affected due to construction work as it is outside the Plot boundary.	459	Refer Appendix 3(f) for Land records/ NOCs.	

Sr. No.	Grid	Scheme Name	Proposed Components	Location Village	Ownership	Area of land available at the location (m <sup>2</sup> )	Area required (m <sup>2</sup> )	Surrounding Features	Khasra No.	Remarks	Photograph of plot
53.	SS9	LWSS Mandhala	Proposed SR Surajpur	Surajpur	Revenue Department	1,74,805	81	The proposed plot is vacant. Surrounding is having few shrubs. Its Devoid of any nearby human settlement.	723	Refer Appendix 3(f) for Land records/ NOCs.	



37. Measures to Avoid and Minimize Involuntary Resettlement: To avoid and minimize the involuntary impacts, the HPRDWILP proposes to use the government lands wherever available and right-of-way (ROW) of roads owned by the government agencies for augmentation and development of all the project components and associated ancillaries as mentioned in the project description. The pipelines are proposed to be laid along existing available ROW. There are no encroachments or presence of vendors or shops. DBO contractor will ensure prior consultation with the community residing beside the construction site will be conducted if the impact on access roads is unavoidable.<sup>7</sup>

38. Livelihood impacts will be avoided in residential and market areas, village roads and near CPRs. Work will be executed in night hours to avoid the impacts, pipes lines in narrow roads and commercial areas mentioned above will be laid in phased manner with the due consultation with the shop owners and nearby residents. Civil works will be executed in small stretches in section-by-section phases. Noise level will be kept under 55 dB (A) as per noise pollution (regulation and control) rules 2000 as per the Environmental Management Plan. All safety norms would strictly be adhered to, taking into consideration the magnitude of work and the sensitivity of the location.

39. In any case. If water supply will be hampered during construction, JSV will ensure alternative arrangement of water supply. Costs likely to be incurred by JSV for alternative arrangement of water supply in project area for the duration.

40. The Project Implementation Unit (PIU) will also ensure that all the necessary rules related to safety and security of the public and residents are duly followed by the contractor. The actual dates of construction schedule with respect to rush hour, festival time, and special business days will be discussed with vendors, squatters, committee members, and residents, and accordingly construction activities will be planned. After laying pipes, the lane/road will be restored to its original condition (including bitumen, cement concrete [CC] and CC interlocking tiles as applicable). Any damage to access ramps/staircase/pavements during construction will be restored by contractor as per contractual provisions {included in contract document and considered as part of bill of quantity (BOQ), in line with the agreed principles of this Resettlement and Indigenous Peoples Plan (RIPP).

41. Any damage to minor structures of access roads to residences, shops, CPRs during construction will be restored by contractor as per contractual provisions {included in contract document and considered as part of bill of quantity (BOQ), in line with the agreed principles of this Resettlement and Indigenous Peoples Plan (RIPP).

42. Private land will be obtained through Voluntary Land Donation, the HPRDWILP PMU will ensure that no expropriation, conduct meaningful consultations with affected persons including non-titleholders, and ensure there is no coercion in the donation process as per guidance provided in the resettlement framework. An independent external party to document the entire donation process will be appointed. Third party certification of land donation, copies of gift deeds and records of transfer of land to JSV will be appended to the final/updated Resettlement and Indigenous Peoples Plan (RIPP). The third-party assessment will ensure that the land donation process has been undertaken in an atmosphere free of coercion.

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<sup>7</sup> In the Engineers estimate provision of utility shifting, if any and repair of minor structures has been proposed under provisional sum of DBO contract.

43. JSV may informally offers through its contractors, one operation related job per site obtained through Voluntary Land Donation, to any one member of the households of land donors, jointly nominated by them. In rare cases where any of the land Donor is poor, JSV considers offering operation related jobs to a maximum of two persons belonging to Land Donor household, per site. These arrangements will be formalized and implemented through the contract.

44. Traffic management during pipe laying work, advance notice to residents and businesses prior to start of work, ensuring access to residences, shops, CPRs and businesses by providing pedestrian access through planks, assistance to mobile hawkers and vendors and those with moveable, temporary structures to shift to (and back from) nearby locations where they can continue with their economic activities, is will be adopted. Where excavation close to residences, CPRs or commercial properties cannot be avoided, simple mitigation measures such as provision of planks will be implemented as per available guidelines in EMP and best practice. Timely information will be provided to the public about potential negative impacts and mitigation measures, including grievance redress procedures and time taken for the same, prior to start of project implementation.

45. The works contractor will be required to maintain access to shops, CPRs and residences or other buildings along pipe alignments and to institutions located close to proposed sites, and safety through hard barricading of excavated alignments/sites. Care will be taken to avoid/mitigate economic impacts through the following measures: (i) avoidance of pipe laying activities, construction work near schools, health centers, Anganwadi centers (ICDS if any), etc. as much as possible; (ii) provision of planks to ensure pedestrian access; (iii) careful timing of implementation to avoid peak sale hours/days or school timings; (iv) night work in commercial areas, where possible; (v) minimizing construction period to the extent possible; (vi) assistance to mobile vendors if any present during construction, to shift nearby; (vii) signage with project details and contact details for grievance redress; and (viii) proper traffic management; (ix) Notice to harvest standing seasonal crops and if notice cannot be provided, compensation for affected Crops/plants and trees to be provided at market rate; Work schedule will avoid harvest season and Harvesting prior to pipe laying will be ensured to the extent possible. These measures will be part of the contract and will be implemented through it, with careful monitoring by the concerned PIU.

46. In any case. If water supply will be hampered during construction, JSV will ensure alternative arrangement of water supply. Costs likely to be incurred by JSV for alternative arrangement of water supply in project area for the duration.

47. A final assessment of impacts will be undertaken along each site/road section based on the detailed engineering design, when exact pipe alignments are known. A detailed measurement survey will be conducted to update or finalize the Resettlement and Indigenous Peoples Plan (RIPP) accordingly. Any shop that has been closed for a period of 6 months or more before the DMS for updating the Resettlement and Indigenous Peoples Plan (RIPP) will not be eligible for compensation against temporary income loss. Rigor in data collection and consultations with local people will be required to ensure that all affected persons eligible for compensation are identified. Summary of Involuntary resettlement impacts is provided below in Table 13.

**Table 13: Summary of Involuntary Resettlement Impact**

	<b>Details</b>	<b>No of Affected Persons</b>	<b>Remarks</b>
1	Permanent land acquisition	None	One (1) private land will be obtained through Voluntary

			Land Donation.No involuntary land acquisition in this package.
2	Structure loss (Cattle shed, store rooms, retiring room, toilet, car parking shed and gate)	1	A non-titledvulnerable person (elderly woman) has been identified as affected person, who is having one cattle shedstore rooms, retiring room, toilet, car parking shed and gate)on vested Government Land for Proposed WTP site Barotiwala
3	Permanent and significant livelihood impact (landowners)	None	one private voluntary donor who own the land of the 01 proposed SR are likely to lose less than 10% of their total land holding and have alternate source of income.The land is non-productive and does not yield any income for the owner. The cattle shed of NTHis being utilized for domestic use. The milk produced is for domestic consumption and not for sale.
4.	Loss of crops / trees	None	Nil
5.	Permanent loss of livelihood	None	Nil
6.	Temporaryaccess disruption	None	Nil
7.	Potential temporary income loss to employees of affected Structure (Cattle Shed and other minor structures – total 9 structures)	None	Based on the consultation and socio-economic details, it is assessed that the affected structure is managed by the woman herself. There are no employees engaged with the affected structure.
8a.	Temporary impacts (income loss)	01	One fruit vendor (non-titled person), reported within the ROW of existing road at Barotiwala, will be temporarily affected due to proposed CWRM.
8b.	Temporary impacts (loss of access to CPRs during construction)	-	Temporary disruption of access to CPR at Damunwala is envisaged. This will be mitigated through provision of access planks and scheduling the work during the time of day when the temple is closed. Further consultations will be

			done with temple committee and project engineer and contactor's personnel prior to contract award and again, prior to start of civil works.
9.	Vulnerable affected persons	01	Total: 01 (WHH)
10.	Affected Indigenous People	None	No affected person belonging to Indigenous People's community has been identified.

Source: Socioeconomic Survey, 2021.

48. **Indigenous Peoples:** No land acquisition or involuntary resettlement impacts are assessed as result of the subproject. SZ-03 is not located in a scheduled area<sup>8</sup> as per Government of India 2018 notification. The Package has a small proportion of population (5.08%) classified as scheduled tribe,<sup>9</sup> which is scattered (does not stay in tribal groups/community enclaves), is well-assimilated in society and does not retain the characteristics of scheduled tribes or indigenous peoples<sup>10</sup> groups. Under this Package SZ03, scheduled tribes mainly "Gujjar" reported residing in few rural areas. None among the affected persons facing involuntary resettlement impacts are from the scheduled tribe category. The project is designed to benefit 100% scheduled tribe households in the project coverage area. Contractual provisions will ensure that 100% scheduled tribe households in the coverage area will benefit from housed service connections in the coverage area, including scheduled tribe households. Treated water shall be made available villages, which is anticipated to benefit 100% population including scheduled tribe population in the villages. No adverse impact to indigenous people's communities is anticipated.

49. In Himachal Pradesh, the Gujjar community is a part of Scheduled Tribes, generally residing in rural/tribal areas. Himachal Pradesh has a total population of 68,56,509 (Census, 2011). Out of the total scheduled tribes population in the state, Gujjars constitute about 23.6 percent, whereas 97.5 percent of the Gujjars are residing in rural areas of the state. The caste system is prevalent among both Hindu and Muslim Gujjars. Out of the total Gujjar population in the State 14.0 percent of them are Hindus and 86.0 percent are Muslims. In the Package SZ03, majority of the Gujjar population are Hindu and mostly settled and have started practicing settled

<sup>8</sup>As per the Constitutional provision under Article 244 (1) of the Constitution of India, the 'scheduled areas' are defined as "such areas as the President may by order declare to be scheduled areas"- as per paragraph 6(1) of the Fifth Schedule of the Constitution. The specification of "Scheduled Areas" in relation to a State is by a notified order of the President, after consultation with the State Government concerned. The same applies in the case of any alteration, increase, decrease, incorporation of new areas, or rescinding any Orders relating to "Scheduled Areas". Criteria for declaring any area as a "Scheduled Area under the Fifth Schedule are: • Preponderance of tribal population, • Compactness and reasonable size of the area, • A viable administrative entity such as a district, block or taluk, and • Economic backwardness of the area as compared to the neighbouring areas. Source: <https://tribal.nic.in/declarationof5thSchedule.aspx> <https://tribal.nic.in/DivisionsFiles/clm/ScheduledAreas.pdf>

<sup>9</sup> "Scheduled tribes (scheduled tribes) are those communities notified as such by the President of India under Article 342 of the Constitution. The first notification was issued in 1950. Criteria followed for specification of a community as a scheduled tribe are (i) tribes' primitive traits; (ii) distinctive culture; (iii) shyness with the public at large; (iv) geographical isolation; and (v) social and economic backwardness before notifying them as a scheduled tribe."<sup>1</sup>

Source: <https://pib.gov.in/PressReleaseSelfFramePage.aspx?PRID=1514486>

[https://ncst.nic.in/sites/default/files/2017/Office\\_Order/798.pdf](https://ncst.nic.in/sites/default/files/2017/Office_Order/798.pdf)

and

<sup>10</sup>ADB SPS 2009 uses the term indigenous peoples in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the following characteristics: (i) self-identification as members of a distinct indigenous cultural group and recognition of this identity by others; (ii) collective attachment to geographically distinct habitats or ancestral territories in the project area and to the natural resources in these habitats or territories; (iii) customary cultural, economic, social or political institutions that are separate from those of the dominant society and culture; and (iv) a distinct language, often different from the official language of the country or region.

agriculture and other activities, mainly dairy farming. They sell milk and milk products in the market or urban areas.

50. A consultation was conducted with Gujjar community where it was mentioned by participants that the major occupation of the Gujjars is dairy farming. Majority the respondents are engaged in dairy farming, followed by unskilled work as agricultural labour, construction labour or factory worker in nearby industrial areas of Baddi and Nalagarh town.

**Table 13(a): Scheduled Tribe Population SZ03**

Grid	ST Population	Total Population of the Command Area	Percentage %
SS1	6	13053	.00046
SS9	1097	8645	12.68
<b>Total</b>	<b>1103</b>	<b>21698</b>	<b>5.08</b>

Source: NRDWP website

51. **Specific Action Plan** for Indigenous People: Further, to address any potential safeguards issues and ensure inclusion, a specific action plan for indigenous peoples is proposed for this project. The action plan will carry out the following specific activities: (i) a baseline survey<sup>11</sup> will be conducted for identification and inclusion of indigenous peoples households within the project coverage area; (ii) proposed benefits (e.g. Water services) to indigenous peoples households will be shared and monitored; (iii) IEC materials, information sharing, consultations and other outreach activities will be culturally sensitive and appropriate when implemented in the project area; (iv) in case of any indigenous peoples impacts in project, tribal leaders or elected representatives and/or an NGO working with indigenous peoples will be members of GRC. The GRC will also ensure that grievance redress established is gender inclusive in receiving and facilitating resolution of the IPs' concerns; (v) consultations with IP households will be conducted in all subproject stages which shall help in identifying any culture-specific requirements and traditions like avoidance of any specific festival days, and/or other activities with cultural significance to the IP communities during civil work; and any other IP related issues and concerns that may be of importance to the community. A monitoring survey<sup>12</sup> will be conducted to document the views of IP households about subproject benefits. Such survey is in line with subproject internal monitoring. The proposed action plan with activities, timelines and responsibilities is attached in Appendix 15. This action plan will be used for project monitoring to ensure that IP activities are undertaken on a timely basis and reported semi-annually and to determine whether project objectives have been achieved.

<sup>11</sup>Contractors will conduct connection campaigns across the project coverage area and will be responsible to ensure that IP households and localities are identified and included in the campaign. Data on exact number of scheduled tribe households can be generated from the house service connection survey to be conducted by the project contractor. Cost for such activity will be included in the contract document for the subproject.

<sup>12</sup>A cost towards conducting end-line sample survey for monitoring is included in the resettlement budget table.

### III. SOCIO-ECONOMIC INFORMATION AND PROFILE

#### A. Profile of Affected Person

52. The profile of the affected persons is prepared based on transect walk conducted, followed by a census and a socio-economic survey of affected persons in the subproject areas, where the proposed works are to be done. The proposed subproject components will impact two households (9 members). One roadside fruit vendor will face temporary livelihood loss for 7 days due to proposed alignment of CWRM and one women headed household will lose semi permanent structures due to construction of WTP and Pump House on government land at Barotiwala. Both the affected persons are non-titleholders. The impacted structures at proposed WTP site are being used for (i) cattle shed (ii) storerooms, (iii) chaff cutter, (iv) store room and retiring room, (v) toilet, and (vi) car parking shed and gate. The affected structures are neither used for any commercial or residential purpose. No relocation from housing or loss of livelihood due to loss of the affected secondary structures is anticipated. The list of affected structures with photographs, are presented in Appendix 22 and Appendix 23.

53. The baseline data collected through survey provides information about the socio-economic profile of the two affected households (9 household members). The profile and photographs of surveyed structures/businesses that are potentially affected is presented in Appendix 5 and Appendix 24.

- (i) Average Household size: 4.5
- (ii) Religion and caste profile: Both the households belong to General caste and they follow Hindu religion.
- (iii) Occupation: One of the affected persons is an elderly woman and the other is a fruit vendor.
- (iv) Household Income: Monthly household income of the elderly woman is ₹33,000 and the fruit vendor is ₹12,000 (daily income ₹400). None of the two households belong to BPL category.
- (v) Education Profile: The elderly lady is illiterate, and the fruit vendor has completed primary level of education.
- (vi) Other assets: Both the APs are residing at their own house and also have vehicles.

54. A summary of impact and profile of affected persons is presented in Table 14 below.

**Table 14: Summary of impact and profile of Affected Persons**

3e	Monthly household income		₹12,000
3f	Average daily income		₹400
3g	Asset ownership		House, two-wheeler

Source: Census and Socio-economic Survey of Affected Households, 2021

55. Assessments were done based on the preliminary design for the proposed subproject components on a 100% socio-economic survey basis. Revalidation of the census and socio-economic survey will be conducted following the finalization of the final design and will be updated during DMS, and the RIPP will be updated accordingly. Approval from ADB on the updated RIPP will be sought prior to contract award.

## IV. CONSULTATION PARTICIPATION AND DISCLOSURE

### A. Public Consultation

56. The draft Resettlement and Indigenous Peoples Plan (RIPP) preparation involved meaningful consultations with stakeholders<sup>13</sup>. The key stakeholders consulted during Resettlement and Indigenous Peoples Plan (RIPP) preparation include (i) affected persons (ii) private Voluntary land Donors and program beneficiaries; (iii) scheduled tribes; (iv) elected representatives, community leaders, (v) local government and relevant government agency representatives; and (vi) Program staff, PMU, PIU, and consultants. Meetings and individual interviews were held involving stakeholders particularly, potentially affected persons; and transect walks; Sample survey and interviews were conducted to determine the potential impacts of contract package. During meetings, project beneficiaries and affected persons including scheduled tribes, and other stakeholders were briefed about the technical details of project and project implementation cycle; project benefits as well as adverse impacts envisaged during construction; environmental and social safeguards, gender inclusion, community participation aspects built into the project etc. Consultations covered issues such as awareness and scope of the project components, benefits of project, envisaged impacts such as traffic disruptions. Scheduled tribe expressed their support to the project and also note that they were anticipating and waiting for the improved water supply service. It was also informed to surveyed affected persons that appropriate measures will be undertaken during construction to minimize impacts (including scheduling of activities and reducing construction activities during the rush hour). It was also informed that, if despite mitigation measures, there would be any temporary impacts on livelihood; these would be compensated in accordance with the agreed entitlement matrix. Further consultations, including focus group discussions (FGDs) and structured census surveys will also be carried out before and during project implementation with beneficiaries and affected persons, including scheduled tribes. The ongoing consultation program will help ensure that concerns of affected persons including scheduled tribes are heard and benefits to the scheduled tribes are delivered in a culturally appropriate manner during implementation.

57. Field visit, consultations and transect walks were carried out in the subproject area keeping in the COVID-19 precautionary measures. The field visits were carried out in early February 2021 for SZ03. Due to rise in COVID-19 cases in the state, the team, JSV officials and community were mandated to follow strict COVID-19 protection protocols as per appendix 19. The team was using PPEs during stakeholder consultations and Focus group discussions (FGDs). The public consultations and FGDs were conducted in open places wherever reachable. Adequate social distancing was followed during the consultations and site visits. During the consultation, the temperature of the participants was measured; further, oximeter was also used to analyse the blood oxygen level of the participants and only healthy participants could participate in the consultation. Thereafter, the sanitizer has been distributed among the participants. The team has also distributed the masks to community members who were not wearing masks, before beginning of the consultations. The team and JSV officials wore face shields during community

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<sup>13</sup> ADB SPS requires meaningful consultation to be a process that (i) begins early in the project preparation stage and is carried out on as an ongoing process throughout the project cycle; (ii) provides timely disclosure of relevant and adequate information that is understandable and readily accessible to affected people; (iii) is undertaken in an atmosphere free of any socio-economic and cultural etc. pressure; (iv) is gender inclusive and responsive, and is responsive to the needs of disadvantaged and vulnerable groups; and (v) enables the incorporation of all relevant views of affected people and other stakeholders into decision making, such as project design, mitigation measures, the sharing of development benefits and opportunities, and implementation issues

consultations. Table 15 provides an outline where the consultations were conducted and the number of participants. A total of 253 participants attended the consultation meetings out of which 30 Percent were females. Details of the public consultation including consultations with scheduled tribes are provided in Appendix 1.

**Table 15: List of Public Consultations Held in SZ-03**

Stakeholders Type	Date	Location /Gram Panchayat	Total participants	Female participants
Voluntary Land Donor	22-09-2021	Virtual	03	-
Community	10-02-2021	Village Barotiwala	26	3
	10-02-2021	Village Landeywal	54	13
	10-02-2021	Village Damuwala	26	1
	11-02-2021	Village Chamian	23	12
	11-02-2021	Village Garkhal, GP GarkhalKasauli	33	18
	11-02-2021	Village HurangKotla	27	10
	11-02-2021	Village Bhaguri	29	3
	11-02-2021	Village MussalKhana, GP Jangeshu	14	2
FGD(Women Group)	10-02-2021	Village Landeywal	18	13
Non-titleholder reported at Proposed Site of WTP cum Pumphouse under LWSS Barotiwala	23-10-2021	Village Barotiwala	8	0
Elected Body of GP Barotiwala	23-10-2021	Office of the GP Barotiwala	10	5
Scheduled Tribes "Gujjar"atLandeywal / Sheetalpur	23-10-2021	At Pradhan House	5	0
<b>Total</b>			<b>276</b>	<b>80</b>

58. During virtual consultation, the land donor conveyed his willingness to donate the land parcels for the project that benefits the community with safe drinking water. He himself showed concern over the present quality of drinking water they consume and appreciated government's effort of distributing clear and treated water. Consultation with affected person, having Cattle shed on the vested Government land parcel, revealed the good socio-economic condition of household with good income and assets. The transparent process of land donation and was explained to the land donor.

59. Limited Field visits and transect walk were carried out in the subproject area due to COVID-19 pandemic and travel/movement restrictions and strict protocols. The team involved in this exercise are DPR consultants, safeguard consultants, and PIU officials. Works are mostly proposed in residential areas as well as areas in the outskirts of the villages and within the RoW of the government road. No vendors/squatters were identified during the transect walk. Public consultations as well as meetings and discussions were held with key informants and local



community in order to collect information for this Resettlement and Indigenous Peoples Plan (RIPP) wherever accessible and permissible due to Covid-19.

60. Site inspections were carried out at the site locations of SZ03 for the proposed water supply components that include the locations of the Intakes, WTPs, Pump houses, MBRs and SRs. Both existing and proposed component locations were visited to analyse the site and surrounding features along the stretches of the proposed pipeline alignments, especially along the market areas, villages and habitations. Pipeline alignments are preferred to be laid along the roads, pathways and small trails to avoid disruption in villages/habitations wherever possible. The existing alignment was preferred while designing the pipeline network wherever plausible. Right of way/access roads will be used while laying of pipelines for few hours and the traffic will not be disturbed during execution with adopting prior informed schedule of activity. In addition, consultations were conducted with the officers of Jal Shakti Vibhag (JSV), and other stakeholders. Participatory methodology was used to facilitate discussions in the community meetings to solicit ideas and views on the proposed package.

61. The consultations indicate that a major demand from the community members is for the strengthening of water supply network with full coverage to areas. The consultations also include discussions about the project objectives, implementation arrangements including grievance redress mechanism (GRM) and the safeguards requirements as laid down in the ADB SPS. Appendix 1 summarizes the details of public consultations.

62. Furthermore, a sample survey of the critical areas (Market areas, Junction points, major roads) was carried out with the help of Google Earth images and site photographs to ascertain further if there are any potential involuntary resettlement impacts. Site visits, consultations and sample survey were conducted by the team comprising detailed project report (DPR) consultants, social safeguard consultant and staff from concerned project implementation units (PIUs). Appendix 7, 8 and 9 summarizes the findings of sample survey.

63. Community engagement, public consultations and information disclosure will be an ongoing exercise through the entire subproject planning and implementation phase. An indicative list of consultations to be conducted in future and schedule is presented in the table below. Progress achievements in this respect will be reported in the semi-annual social monitoring reports by the PMU.

**Table 16: Schedule of Consultation and Disclosure Activities**

Activities	Target Group	Responsible Agency	Timeline
Awareness generation about the project activities	Key stakeholder agencies (Villages, Gram Panchayats, PIU offices such as JSV, elected representatives)	PIU/contractor with PMU/PDMSC inputs and support	During detailed design, prior to start of construction, and continuously, during construction
Disclosure of construction schedule, potential temporary disturbances and GRM	Beneficiaries (site-specific consultations)	PIU/contractor/PDMSC	During construction
Gram Panchayat wide	Dissemination of project related technical and other information to representatives of all key	PIU/contractor with PMU/PDMSC inputs and support	Once a year during project

Activities	Target Group	Responsible Agency	Timeline
stakeholder consultations	stakeholders (at one platform), disclosure of summary of social safeguard documents in local languages, proposed connection charges and tariffs, roles and responsibilities of stakeholders.		implementation cycle

## V. GRIEVANCE REDRESS MECHANISM

64. **Common Grievance Redress Mechanism.** The project will adopt a three-tier Grievance Redress Mechanism (GRM) in implementing the project. The GRM will receive, evaluate, and facilitate the resolution of social, environmental or any other project related grievances. The GRM will aim to provide a time-bound and transparent mechanism to voice and resolve social and environmental concerns linked to the project. The GRM described below has been developed in consultation with stakeholders. Public awareness campaign will be conducted to ensure that awareness on the project and its grievance redress procedures is generated and shared with affected persons and other stakeholders. The campaign will ensure that the poor, vulnerable and others are made aware of the need for and process in availing the GRM.

65. The GRM provides an accessible, inclusive, gender-sensitive and culturally appropriate platform for receiving and facilitating resolution of affected persons' grievances related to the project. A sample grievance/complaint register template is provided in. The three-tier GRM for the project is outlined below, each tier having time-bound schedules and with responsible persons identified to facilitate and address grievances at each stage, as required. Public awareness campaigns will ensure that awareness on grievance redress procedures is generated through the campaign. The Environmental Safeguard Officer and Social Safeguard and Gender Officer, PMU will have the overall responsibility for timely grievance redress on environmental and social safeguards concerns. The CSOs/NGOs engaged by the PMU will have a few specific responsibilities to raise awareness on the GRM established by the project and to hold consultations in the habitations of the project area including Indigenous Peoples' communities to identify community concerns, if any.

66. **Who can file a complaint:** A complaint may be registered by stakeholders who may be, directly or indirectly affected by the project. A representative can register a complaint on behalf of the affected person or group, provided that the representative is identified by the affected person or group and submits evidence of the authority to act on their behalf.

67. **What type of grievance/complaint.** Any comments, complaints, queries and suggestions pertaining to safeguard compliance - environment, involuntary resettlement, and indigenous people, design related issues, compensation, service delivery or any other issues or concerns related to the project can be registered. The complaint must indicate the name, date, address/contact details of the complainant, location of the problem area, along with the problem.

68. **Where and how to file a complaint:** The contractor's site office will be the primary point for receiving and lodging any complaint. Apart from that, grievances/suggestions/queries from affected persons can be dropped into suggestion boxes or conveyed through phone or e-mails. Affected persons or any complainant will also be able to register grievances on social, environmental or other related issues, personally to the Complaint Cell at PIU level.

69. **Process and Timeframe:** The grievance redress process and timeframe involved in the GRM<sup>14</sup> is described below:

- (i) **1st Level grievance (Field Level).** In case of grievances that are immediate and urgent in the perception of the complainant, concerned officer (Junior Engineer, Civil) of PIU will direct the contractor to resolve the complaint and ensures that it is resolved. If the grievance is not under the contractor's scope, PDMSC (PIU level) safeguard personnel will resolve this issue with the support of respective PIU (Junior Engineer, Civil). Efforts will be made to resolve all grievances within seven days from the date of receipt of a complaint / grievance. Relevant government representatives from the respective districts and sub-districts, where the subproject will be implemented, can be consulted as and when required.
- (ii) **2nd Level grievance (PIU Level).** Grievances that cannot be redressed at first level within seven days will be brought to the notice of PIU. The Project Manager will try to resolve the grievance/ complaint within a timeframe of seven days of receiving the complaint from the first level with the support of Safeguards/Environment Officer, PIU and Environmental Safeguards Specialist or Social, Gender and Community Development Specialist, PDMSC. Government representatives from the respective districts and sub-districts (Tehsils/ Development Blocks) where the subproject will be implemented can be consulted as and when required. Any unresolved complaint at the second level will be taken up to the third level.
- (iii) **3rdLevel Grievance (PMU Level):** All the grievances that are not addressed at 2nd level by PIU will be brought to the third level, Grievance Redressal Committee (GRC) at the PMU level. The GRC will meet once a month and determine the merit of each grievance/s brought to the committee. The third level grievance redress committee will resolve the grievance within fifteen days of receiving the complaint from the second level. The GRC<sup>15</sup> will be chaired by the Project Director and will have the following members: Social Safeguard and Gender Officer, Environmental Safeguard Officer and Community Development Officer from the PMU, the concerned Project Manager from the PIU, the Environmental Safeguard Specialist and Social, Gender and Community Development Specialist of PDMSC, women representative from a Civil Society Organization (CSO), local elected representative (if required), and and Indigenous Peoples representative..

70. In case of any inter-departmental or inter-jurisdictional coordination required for resolution of specific grievances, the PIU will refer the matter directly to the PMU for state-level or inter-departmental coordination and resolution, instead of the District-level GRC. The project GRM notwithstanding, an aggrieved person shall have access to the country's legal system at any stage and accessing the country's legal system can run parallel to accessing the GRM and is not

<sup>14</sup> The existing grievance redress mechanism of government of Himachal Pradesh, such as Mukhyamantri Seva Sankalp Helpline and similar helplines will be integrated to the project GRM. Any project-related complaints received through the government's helplines will be routed through the project GRM.

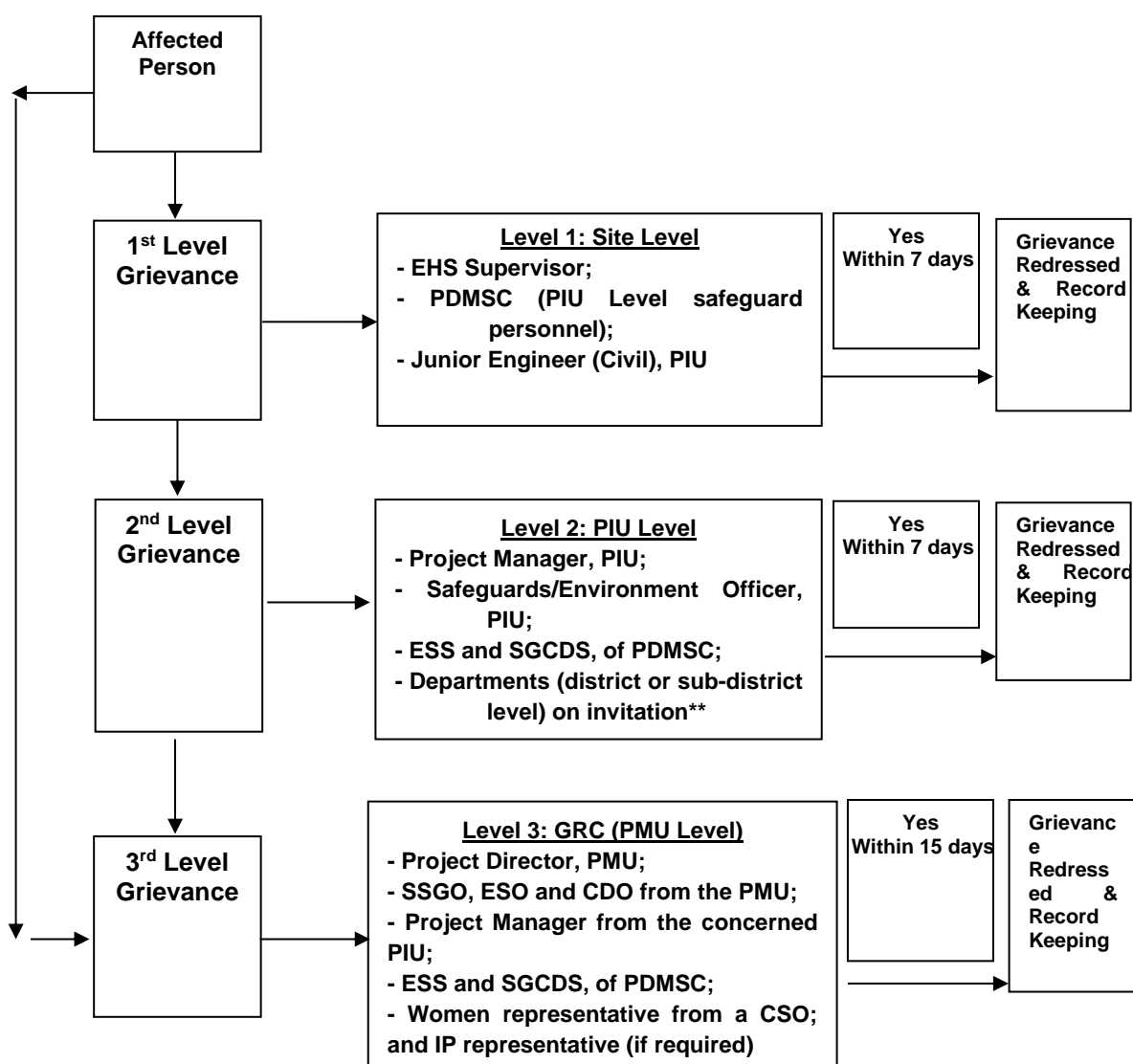
<sup>15</sup> Indigenous People representations at GRC 3<sup>rd</sup> level (PMU level) will be ensured in case of any indigenous peoples impacts (positive or negative) in the subproject area or if a subproject is implemented in any scheduled areas or Integrated Tribal Development Projects (ITDP) blocks/tribal clusters or tribal villages or if presence of particularly vulnerable tribal groups (PVTGs) is reported in the project area. The Indigenous Peoples even if they benefit from the project will be treated as affected. The Indigenous Peoples representative can be a leader of indigenous peoples groups, or representative suggested by the indigenous peoples' community, and/or a representative member of a CSO working with indigenous peoples' communities, to be decided by PMU.

dependent on the negative outcome of the GRM. Alternatively, if the grievance is related to land acquisition, resettlement and rehabilitation, the Affected Persons can approach the Land Acquisition, Rehabilitation and Resettlement Authority (LARRA) of Himachal Pradesh, established under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation, and Resettlement Act, 2013.<sup>16</sup>

71. The GRM notwithstanding, an aggrieved person shall have access to the country's legal system at any stage. This can run parallel to accessing the GRM and is not dependent on the negative outcome of the GRM.

72. The process of the project GRM is given in Figure 2.

**Figure 2: Grievance Redressal Mechanism - (HPRDWILP)**



<sup>16</sup> The Authority admits grievance only with reference to the Land Acquisition and R&R issues under the RFCTLARRA, 2013.

CDO = Community Development Officer; CSO = Civil Society Organization; ESO = Environmental Safeguard Officer  
 ESS = Environmental Safeguard Specialist; GRC= Grievance Redressal Committee; IP = indigenous people; PDMSC  
 - Project Design, Management and Supervision Consultant; PIU = Project Implementation Unit; PMU = Project  
 Management Unit; PM = Project Manager; SGCDs = Social, Gender and Community Development Specialist; SSGO  
 = Social Safeguard and Gender Officer.

\*\* Departments may include Public Works Department, Forest Department, Agriculture Department, Tribal  
 Development Department, or any other department of the state government, as and when required.

73. The timeframes within which to resolve the issues may be adjusted (to a maximum of 7 additional days at each level) accordingly during extraordinary circumstances, such as lockdowns or travel restrictions imposed by local or national governments due to the ongoing COVID-19 pandemic. The adjustment will depend on the period of interruption during these events and will be decided upon by the PMU.

74. **Information Dissemination Methods about GRM.** Periodic community meetings will be held by PIUs, and PDMSC with affected communities to understand their concerns and help them through the process of grievance redress (including translation from local dialect/language, recording, and registering grievances of non-literate affected persons and explaining the process of grievance redress) if required. The above Grievance Redress Process will be discussed with the different stakeholders during stakeholder consultation meetings. These meetings will be held with affected persons and community members (beneficiaries) and the concerned local government representatives where civil works are proposed. The process and timelines for grievance redress and contact details of the persons responsible for grievance redress will be shared in the stakeholder meetings. Action taken in respect of all complaints will be communicated to the complainant by letter, over phone or e-mail or text messaging.

75. **Consultation Arrangements for GRM.** This will include group meetings and discussions with affected persons, to be announced in advance and conducted at the time of day agreed on with affected persons and conducted to address general/common grievances; and if required with the Environment/Social Specialist of PMU/PIU for one-on-one consultations. Non-literate affected persons/vulnerable affected persons will be assisted to understand the grievance redress process, at the site office of the contractor and at PIU level, the official appointed to receive grievances will assist the non-literate affected persons to register complaints and follow-up with actions at different stages in the process.

76. **Record Keeping.** Records of all grievances received, including contact details of complainant, date of receiving complaint/grievance, nature of grievance, agreed actions and measures, the date these were affected, and outcome will be kept by PIU. The number of grievances recorded and resolved, and the outcomes will be displayed/disclosed in the PIU office, and on the website of PMU, as well as reported in the semiannual social and environmental monitoring reports to be submitted to ADB. The Environmental Officer and the Social Safeguard Officer will be responsible for maintaining the grievance record.

77. **Periodic Review and Documentation of Lessons Learned.** The PMU, and PIUs, supported by the PDMSC specialist will periodically review the functioning of the GRM and record information on the effectiveness of the mechanism, especially on the PIU's ability to prevent and address grievances.

78. **Costs.** All costs involved in resolving the complaints (meetings, consultations, communication, and reporting/information dissemination) will be borne by the PMU. Cost estimates for grievance redress are included in resettlement cost estimates.<sup>17</sup>

79. **ADB Accountability Mechanism.** If the established GRM is not able to resolve the issue, the affected person can use the ADB Accountability Mechanism<sup>18</sup> through directly contacting (in writing) the Complaint Receiving Officer (CRO) at ADB headquarters. Before submitting a complaint to the Accountability Mechanism, it is recommended that affected people make effort in good faith effort to resolve their problems by working with the concerned ADB operations department (in this case, the India Resident Mission[INRM]). Only after doing that, and if they are still dissatisfied, they could approach the Accountability Mechanism. The ADB Accountability Mechanism information will be included in the project-relevant information to be distributed to the affected communities, as part of the project GRM.

## VI. POLICY AND LEGAL FRAMEWORK

80. The policy framework and entitlements for the project are based on applicable laws and regulations of the national and state government, the ADB Safeguards Policy Statement 2009, and the agreed project entitlement matrix.

### A. Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013

81. This Act repeals the Land Acquisition Act, 1984 and is applicable to all states in India including Rajasthan. RFCTLARRA, 2013 is a first national/central law that addresses land acquisition and rehabilitation and resettlement collectively. RFCTLARRA regulates land acquisition and provides rules for granting compensation, rehabilitation, and resettlement to the affected persons in all projects in India.

82. Some of the key features related to estimation of project induced losses include: (i) Replacement cost of structure constructed by the non-titleholder; (ii) Right to salvage materials from structure and other assets; (iii) A lump sum shifting assistance will be provided; (iv) Additional compensation for vulnerable household (v) compensation for loss of profits (if any) from the date of declaration; (vi) compensation for structure loss of family; (vii) increased allowance/assistance for economic/structure losses, shifting assistance for vulnerable families.<sup>19</sup>

83. Section 41 of RFCTLARR Act, 2013 outlines special provisions for Scheduled Castes and Scheduled Tribes; the Act mentions that as far as possible, no acquisition of land shall be made in the Scheduled Areas. The key features of section 41 are as follows:

- (i) Where land acquisition does take place from SC/ST, it shall be done only as a demonstrable last resort;

<sup>17</sup> Reimbursement of the transportation cost to GRC members to participate in the meeting will be provided by PMU and will form part of the GRM cost.

<sup>18</sup> Accountability Mechanism. <http://www.adb.org/Accountability-Mechanism/default.asp>.

<sup>19</sup> These are reflected in entitlement matrix.

- (ii) In case of acquisition or alienation of any land in the Scheduled Areas, the prior consent of the concerned Gram Sabha or the Panchayats or the autonomous District Councils, at the appropriate level in Scheduled Areas under the Fifth Schedule to the Constitution, as the case may be, shall be obtained, in all cases of land acquisition in such areas, including acquisition in case of urgency, before issue of a notification under this Act, or any other Central Act or a State Act.
- (iii) In case of a project involving land acquisition on behalf of a Requiring Body which involves involuntary displacement of the Scheduled Castes or the Scheduled Tribes families, a Development Plan shall be prepared, in such form as may be prescribed, laying down the details of procedure for settling land rights due, but not settled and restoring titles of the Scheduled Tribes as well as the Scheduled Castes on the alienated land by undertaking a special drive together with land acquisition.
- (iv) The Development Plan shall also contain a programme for development of alternate fuel, fodder and non-timber forest produce resources on non-forest lands within a period of five years, sufficient to meet the requirements of tribal communities as well as the Scheduled Castes.
- (v) In case of land being acquired from members of the Scheduled Castes or the Scheduled Tribes, at least one-third of the compensation amount due shall be paid to the affected families initially as first instalment and the rest shall be paid after taking over of the possession of the land.
- (vi) The affected families of the Scheduled Tribes shall be resettled preferably in the same Scheduled Area in a compact block so that they can retain their ethnic, linguistic and cultural identity.
- (vii) The resettlement areas predominantly inhabited by the Scheduled Castes and the Scheduled Tribes shall get land, to such extent as may be decided by the appropriate Government free of cost for community and social gatherings.
- (viii) Any alienation of tribal lands or lands belonging to members of the Scheduled Castes in disregard of the laws and regulations for the time being in force shall be treated as null and void, and in the case of acquisition of such lands, the rehabilitation and resettlement benefits shall be made available to the original tribal land owners or land owners belonging to the Scheduled Castes.
- (ix) The affected Scheduled Tribes, other traditional forest dwellers and the Scheduled Castes having fishing rights in a river or pond or dam in the affected area shall be given fishing rights in the reservoir area of the irrigation or hydel projects.
- (x) Where the affected families belonging to the Scheduled Castes and the Scheduled Tribes are relocated outside of the district, then, they shall be paid an additional twenty-five per cent. rehabilitation and resettlement benefits to which they are entitled in monetary terms along with a onetime entitlement of fifty thousand rupees.

84. The Second Schedule of RFCTLARR Act, 2013 provides provision of (i) land for land; (ii) as per the Act affected families, displaced from land, will receive monthly subsistence allowance equivalent to ₹ 3000 for a period of one year. The Scheduled Castes and the Scheduled Tribes displaced from Scheduled Areas shall receive an amount equivalent to ₹ 50,000.

## **B. State Government Policies and Practices**

85. Acquisition of Land by Private Negotiation (Standing Order No. 28) is an additional guideline to support the existing Standing Order on private negotiations to execute for infrastructure projects by Financial Commissioner, Government of Himachal Pradesh, January 2018. As the acquisition of land often takes considerable time and execution of the projects gets delayed and for speedier acquisition of land, the process of acquisition by private negotiations

with the interested landowners have proved to be beneficial to both the parties i.e., landowners as well as acquiring department too. In case, it is found that acquisition of land is imminent for a public purpose, following two options will be available with the concerned department, which is contained in Himachal Pradesh Financial Commissioner Standing Order No.28. –

- (i) Acquisition by private negotiation.
- (ii) Compulsory acquisition under the provisions of the new Land Acquisition Act “Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013.”

86. In order to facilitate the process for land acquisition through private negotiation, there are two committees i.e., District Negotiation Committee (DNC) and District Land Price Fixation Committee (DLFC). The DNC constitute of the following members, who examine and recommend the cases of land acquisition under private negotiation to the Government.

Deputy Commissioner of the respective District	Chairman
Superintending Engineer of Civil Circle	Member
Sub-Divisional Magistrate	Member
Executive Engineer, HPPWD Circle	Member
Tehsildar of concerned Tehsil	Member
Land Acquisition Collector	Member Secretary

87. The district land price fixation committee (DLFC)’s role is to determine market prices for land at the district level with the following members. The DLFC’s role in the process is to help arrive at the replacement value of land and other assets and assist DNC in its negotiations with the PAPs on the proposed values. The DLFC fix the replacement cost of land and other immovable assets as per the provision of Section 26, 27, 28, and 29 and Schedule I of RFCTLARR Act 2013.

Deputy Commissioner	Chairman
Sub Divisional Magistrate	Member
Tehsildar	Member
District Revenue Officer	Member

88. Key features and approach under the Standing order for private negotiations are as follows:

- (i) There is no provision for conducting of SIA;
- (ii) Section 11 (1) issuance is the cut-off date;
- (iii) Project authorities issue Section 11 (1) preliminary notification directly which includes: 1) details of land to be acquired in rural and urban area, 2) a statement of the nature of the public purpose involved, reasons necessitating the displacement of affected persons etc.;
- (iv) Notices are issued in official gazette, local dailies and uploaded on website etc. as specified in Act;
- (v) Private negotiations provide the opportunity to affected persons to put forth their views and objections
- (vi) The DLFC fixes price as per provisions under Section 26-29 of the RFCTLARR Act and Schedule I on multiplier.
- (vii) 100% solatium on determined value provided on all assets on land.
- (viii) Also, structures are valued as per Basic Schedule of Rates including depreciation



- (ix) Negotiations are initiated within a week of issuance of Section 11 (1)
- (x) The negotiations are conducted revenue village-wise involving land loser group in order to maintain transparency.
- (xi) There are maximum about 3 rounds of negotiations.
- (xii) Though the maximum period upto which the negotiations can be carried out is upto a period of 1 year (i.e. till the Section 11 (1) does not lapse), in practice, negotiations conclude within 1.5 months to two months.
- (xiii) When the negotiation committee constituted for the purpose by the Govt. successfully concludes the market value of the land with the owners as per the general instructions and further acceptance by the landowners, the detailed proceedings to this effect would be drawn and sent to the Govt. for approval of the negotiated rates through the Deputy Commissioner concerned without any delay.
- (xiv) The statement of landowners in context of acceptance of the negotiated rates are recorded and retained as evidence in the record.
- (xv) Approval of negotiated rates and transfer of land in favour of the department by taking possession from the landowners and getting the mutations attested. No reference is allowed against the award (under Section 23) as it is done on mutual consent negotiation basis.
- (xvi) The entire negotiated amount will be paid in a single installment within one months of negotiations either by electronic transfer (routine mode) or by cheque if affected persons requests
- (xvii) Upon PAPs request authorities consider and acquire such unviable land holdings
- (xviii) The standing order guidelines 2018 also provide for statutory benefits and it means the same as the assistances under the Act and as specified in Schedule II & III.
- (xix) There are no special provisions for vulnerable groups/persons
- (xx) However, thus far no loss of livelihood has been compensated either through job, annuity or provision of ₹ 5,00,000.
- (xxi) There shall be no income tax deductions in line with Sec 96 of the RFCTLARR Act. In the event any deductions are made toward taxes, such amounts will have reimbursed.
- (xxii) Their means of livelihood.

### **C. ADB's Safeguard Policy Statement, 2009**

89. ADB has adopted SPS in 2009 including safeguard requirements for environment, involuntary resettlement and indigenous people. The objective of the SPS' Involuntary Resettlement requirements is to avoid involuntary resettlement wherever possible; to minimize involuntary resettlement by exploring project and design alternatives; to enhance, or at least restore, the livelihoods of all displaced persons in real terms relative to pre-project levels; and to improve the standards of living of the displaced poor and other vulnerable groups.

90. The involuntary resettlement safeguards cover physical displacement (relocation, loss of residential land, or loss of shelter) and economic displacement (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas. It covers them whether such losses and involuntary restrictions are full or partial, permanent or temporary.

91. The key involuntary resettlement principles of the ADB SPS 2009 are:

- (i) Screen the project early on to identify past, present, and future involuntary resettlement impacts and risks. Determine the scope of resettlement planning /Resettlement and Indigenous Peoples Plan (RIPP) preparation through a survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement impacts and risks.
- (ii) Carry out meaningful consultations with affected persons, host communities, and concerned nongovernment organizations. Inform all displaced persons of their entitlements and resettlement options. Ensure their participation in planning, implementation, and monitoring and evaluation of resettlement programs. Pay particular attention to the needs of vulnerable groups, especially those below the poverty line, the landless, the elderly, women and children, and Indigenous Peoples, and those without legal title to land, and ensure their participation in consultations. Establish a grievance redress mechanism to receive and facilitate resolution of the affected persons' concerns. Support the social and cultural institutions of displaced persons and their host population. Where involuntary resettlement impacts and risks are highly complex and sensitive, compensation and resettlement decisions should be preceded by a social preparation phase;
- (iii) Improve, or at least restore, the livelihoods of all displaced persons through (a) land-based resettlement strategies when affected livelihoods are land based where possible or cash compensation at replacement value for land when the loss of land does not undermine livelihoods, (b) prompt replacement of assets with access to assets of equal or higher value, (c) prompt compensation at full replacement cost for assets that cannot be restored, and (d) additional revenues and services through benefit sharing schemes where possible;
- (iv) Provide physically and economically displaced persons with needed assistance, including the following: (a) if there is relocation, secured tenure to relocation land, better housing at resettlement sites with comparable access to employment and production opportunities, integration of resettled persons economically and socially into their host communities, and extension of project benefits to host communities; (b) transitional support and development assistance, such as land development, credit facilities, training, or employment opportunities; and (c) civic infrastructure and community services, as required;
- (v) Improve the standards of living of the displaced poor and other vulnerable groups, including women, to at least national minimum standards. In rural areas provide them with legal and affordable access to land and resources, and in urban areas provide them with appropriate income sources and legal and affordable access to adequate housing;
- (vi) Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain the same or better income and livelihood status;
- (vii) Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets;
- (viii) Prepare a RIPP elaborating on displaced persons' entitlements, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule;
- (ix) Disclose a draft RIPP, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to affected persons and other stakeholders. Disclose the final RIPP and its updates to affected persons and other stakeholders;

- (x) Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs and benefits. For a project with significant involuntary resettlement impacts, consider implementing the involuntary resettlement component of the project as a stand-alone operation;
- (xi) Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the RIPP under close supervision throughout project implementation; and
- (xii) Monitor and assess resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the RIPP have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.

92. The objective of the indigenous people's safeguards is to design and implement projects in a way that fosters full respect for indigenous people's identity, dignity, human rights, livelihood systems, and cultural uniqueness as defined by the indigenous people themselves so that they (i) receive culturally appropriate social and economic benefits; (ii) do not suffer adverse impacts as a result of projects; and (iii) can participate actively in projects that affect them. Provisions of the Constitution of India and several acts that ensure protection of scheduled tribes, as defined by the Constitution, the national and state policy framework for scheduled tribes, as discussed above, are aligned with the ADB's indigenous people's safeguards.

93. ADB SPS, 2009 uses the term Indigenous Peoples in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the following characteristics in varying degrees:

- (i) self-identification as members of a distinct indigenous cultural group and recognition of this identity by others;
- (ii) collective attachment to geographically distinct habitats or ancestral territories in the project area and to the natural resources in these habitats and territories;
- (iii) customary cultural, economic, social, or political institutions that are separate from those of the dominant society and culture; and
- (iv) a distinct language, often different from the official language of the country or region.

94. In considering these characteristics, national legislation, customary law, and any international conventions to which the country is a party will be taken into account.

95. A group that has lost collective attachment to geographically distinct habitats or ancestral territories in the project area because of forced severance remains eligible for coverage under ADB SPS, 2009.

96. The following indigenous people safeguard policy principles are applied in ADB financed projects:

- (i) Screen early on to determine (i) whether indigenous people are present in, or have collective attachment to, the project area; and (ii) whether project impacts on indigenous people are likely;
- (ii) Undertake a culturally appropriate and gender-sensitive social impact assessment or use similar methods to assess potential project impacts, both positive and adverse, on indigenous people. Give full consideration to options the affected indigenous people prefer in relation to the provision of project benefits and the design of mitigation measures. Identify social and economic benefits for affected

- Indigenous People that are culturally appropriate and gender and inter-generationally inclusive and develop measures to avoid, minimize, and/or mitigate adverse impacts on indigenous people;
- (iii) Undertake meaningful consultations with affected indigenous people's communities and concerned indigenous people organizations to solicit their participation (i) in designing, implementing, and monitoring measures to avoid adverse impacts or, when avoidance is not possible, to minimize, mitigate, or compensate for such effects; and (ii) in tailoring project benefits for affected indigenous people communities in a culturally appropriate manner. To enhance indigenous people's active participation, projects affecting them will provide for culturally appropriate and gender inclusive capacity development. Establish a culturally appropriate and gender inclusive grievance mechanism to receive and facilitate resolution of the indigenous people's concerns;
  - (iv) Ascertain the consent of affected Indigenous People communities to the following project activities: (i) commercial development of the cultural resources and knowledge of indigenous people; (ii) physical displacement from traditional or customary lands; and (iii) commercial development of natural resources within customary lands under use that would impact the livelihoods or the cultural, ceremonial, or spiritual uses that define the identity and community of indigenous people. For the purposes of policy application, the consent of affected indigenous people's communities refers to a collective expression by the affected indigenous people communities, through individuals and/or their recognized representatives, of broad community support for such project activities. Broad community support may exist even if some individuals or groups object to the project activities;
  - (v) Avoid, to the maximum extent possible, any restricted access to and physical displacement from protected areas and natural resources. Where avoidance is not possible, ensure that the affected indigenous people communities participate in the design, implementation, and monitoring and evaluation of management arrangements for such areas and natural resources and that their benefits are equitably shared;
  - (vi) Prepare an indigenous people plan (IPP) that is based on the social impact assessment with the assistance of qualified and experienced experts and that draw on indigenous knowledge and participation by the affected indigenous people communities. The IPP includes a framework for continued consultation with the affected indigenous people communities during project implementation; specifies measures to ensure that Indigenous People receive culturally appropriate benefits; identifies measures to avoid, minimize, mitigate, or compensate for any adverse project impacts; and includes culturally appropriate grievance procedures, monitoring and evaluation arrangements, and a budget and time-bound actions for implementing the planned measures;
  - (vii) Disclose a draft IPP, including documentation of the consultation process and the results of the social impact assessment in a timely manner, before project appraisal, in an accessible place and in a form and language(s) understandable to affected indigenous people's communities and other stakeholders. The final IPP and its updates will also be disclosed to the affected indigenous people communities and other stakeholders;
  - (viii) Prepare an action plan for legal recognition of customary rights to lands and territories or ancestral domains when the project involves (i) activities that are contingent on establishing legally recognized rights to lands and territories that indigenous people have traditionally owned or customarily used or occupied, or (ii) involuntary acquisition of such lands; and

- (ix) Monitor implementation of the IPP using qualified and experienced experts; adopt a participatory monitoring approach, wherever possible; and assess whether the IPP's objective and desired outcome have been achieved, considering the baseline conditions and the results of IPP monitoring. Disclose monitoring reports.
- (x) Provisions of the Constitution of India and several acts that ensure protection of scheduled tribes, as defined by the Constitution, the national and state policy framework for scheduled tribes, as discussed above, are aligned with the ADB's indigenous people's safeguards.

#### **D. Comparison of the RFCTLARRA 2013 and the Standing Order No. 28 Acquisition of Land by Private Negotiation, January 2018 with Key Indicators of ADBs Safeguard Policy Statement 2009**

97. The RFCTLARR Act, 2013 represents a significant milestone in the development of a systematic approach to address land acquisition, rehabilitation and resettlement collectivity in India. RFCTLARRA, 2013 has also laid down similar principles like ADB's SPS, 2009 and focus on avoiding or minimizing involuntary impacts, if not restoring and enhancing the quality of life of affected families irrespective of title to the land. **Appendix 16** below presents a comparison of the Government of India policies (RFCTLARRA,2013), the state policies vis-à-vis ADB's SPS 2009, and identifies gaps and gap filling measures.

98. In case of discrepancy between the policies of ADB and the government, gap-filling measures will be adopted to bridge the discrepancies. Based on these, the core involuntary resettlement principles applicable are: (i) land acquisition, and other involuntary resettlement impacts will be avoided or minimized exploring all viable alternative project designs; (ii) where unavoidable, time-bound RIPP will be prepared and affected persons will be assisted in improving or at least regaining their pre-program standard of living; (iii) consultation with affected persons on compensation, disclosure of resettlement information to affected persons, and participation of affected persons in planning and implementing projects will be ensured; (iv) vulnerable groups will be provided special assistance; (v) payment of compensation to affected persons including non-titled persons (e.g., informal dwellers/squatters, and encroachers) for acquired assets at replacement rates; (vi) payment of compensation and resettlement assistance prior to the contractor taking physical acquisition of the land and prior to the commencement of any construction activities; (vii) provision of income restoration and rehabilitation; and (viii) establishment of appropriate grievance redress mechanisms. Details of entitlements for different categories of entitled persons are available in the agreed project Entitlement Matrix based on the national laws such as RFCTLARRA, Constitution of India, Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights Act, Provisions of the Panchayats (Extension to Scheduled Areas) Act, and Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act; and ADB SPS.

#### **E. Voluntary Land Donation**

99. Voluntary Land Donation.<sup>20</sup> The project may accept voluntary donation of land. Such offer would be considered only if donated land does not (i) bring any significant impact/impoverishment

<sup>20</sup> Donation also refers to other assets attached to the land (i.e. trees, structures etc.). Voluntary land donation will ensure that: i) full consultation with landowners and any non-titled affected people on site selection are undertaken; (ii) voluntary donations do not severely affect the living standards of affected

to the donor(s) and/or tenants/laborers/informal users; (ii) the donation does not come from the land owner categorized as poor or vulnerable; (iii) the donation will not cause any economic or physical displacement (to legal titleholders and/or formal or informal land users); (iv) the land donor(s) will get direct benefits from the proposed project activities; (v) meaningful consultations are conducted with the land owner(s) and any non-titled affected persons; and (vi) the land donation(s) does not come from coercion or asymmetrical power relation between the land owner(s) and the government. The third-party assessment will ensure that the land donation process has been undertaken in an atmosphere free of coercion, either from the government or from the community who would benefit from the project, and any losses that are agreed upon through verbal and written record by affected people are replaced. Due diligence for cases of voluntary donation, based on consultations and third party certification will confirm this. The project will provide both options – donation and payment of market price, for a transparent process. Community consultation undertaken for sample subprojects mentioned that the land donation process was free from coercion or intimidation.

100. The process and steps to be followed for assessing eligibility of voluntary donation and documentations are given below:

- (i) **Step 1:** The project will be open to the possibility of voluntary land donation from any interested person/community. The land requirement will be explained to the interested donor(s). ADB's SPS, 2009 social safeguard requirements will also be explained to the people willing to donate land. An independent third party will be engaged in case of land donation, who shall assess if land parcel under consideration for donation meets the stipulated criteria (as described in paragraph above);
- (ii) **Step 2:** After donation of land is decided by the donor(s), the government (gram panchayat or appropriate government authority) will initiate formalization of land donation by issuing a letter to the willing donor(s) with details of public purpose for which land is required and the donor(s). Then requiring government body (gram panchayat/appropriate government authority) will take necessary legal steps to formalize the donation of land. PIU/PMU will facilitate the entire donation process and maintain its documentation; and
- (iii) **Step 3:** Gift Deed will be executed and the ownership transfer for land parcels will be registered in the name of the land (gift) receiving department/agency (as designated by government) and all necessary fees, stamp duties will be borne by this department/agency. Henceforth, the land ownership and related land record will be revised/amended with Record of Rights showing the changed ownership.

101. A mechanism will be established ensuring transparent process is followed and coercion was not used for donation of land. The whole process will be verified and validated by an independent third party for all voluntary offer of land for the project. The above information has to

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people, and are linked directly to benefits for the affected people, with community sanctioned measures to replace any losses that are agreed to through verbal and written record by affected people; and (iii) any voluntary "donation" will be confirmed through verbal and written record and verified by an independent third party such as a designated nongovernment organization or legal authority.

be included in a report to be prepared by the external third party, preferably from reputed and qualified agencies/non-government organization (NGO)/firms/individuals. The concerned PIU shall submit due diligence report to ADB for review and approval including information on impact assessment, voluntary donation process and report of independent third party.

## VII. ENTITLEMENTS, ASSISTANCE AND BENEFITS

### A. Types of Losses and Affected Person Category

102. The following displaced persons are eligible for compensation, assistance, and benefits under the project. All persons described in the definition of a family as given in the RFCTLARRA will be also be eligible for assistance/compensation in addition to those mentioned in this section. Eligible persons include:

- (i) persons who will lose land/assets/income in their entirety or in part and have formal legal rights to the land.
- (ii) persons who will lose the land they occupy in its entirety or in part, and have no formal legal rights to such land, but who have claims to such lands that are recognized or recognizable under national laws, e.g., tenants and leaseholders;
- (iii) persons occupying land over which they neither have legal title, nor have claims recognized or recognizable under national law e.g., sharecroppers, squatters, encroachers, wage labour without formal contracts, and vulnerable households.<sup>21</sup>

103. The anticipated types of involuntary resettlement impacts and losses<sup>22</sup> due to the proposed sub-project component under HPRDWILP comprise (i) Permanent Structure loss to non-title holder having Cattle shed on vested Government land(ii) temporary livelihood loss of one Fruit Vendor (iii) Only beneficial impacts in terms of improved access to safe drinking water to indigenous peoples living in the project area are foreseen.

### B. Entitlements, assistances and benefits

104. The project entitlement policy addresses potential direct and indirect impacts of project construction and operation on displaced persons, households and communities due to involuntary acquisition, including those that will be acquired through RFCTLARRA. The most direct and immediate impacts are those associated with project construction, mainly land acquisition, loss of livelihood and loss of shelter. Other losses include loss of other assets such as cattle sheds, water sources etc. and common property resources. Mitigation is provided through compensation and assistance to project-displaced persons, households, and group on the basis of this policy framework adopted by the project. The policy provides mitigationfor:

- (i) loss of assets, including land and house orworkplace;
- (ii) loss of livelihood or incomeopportunities;
- (iii) Collective impacts on groups, such as loss of community assets,common property resources, and others;and
- (iv) Temporary impacts or disruptions due to project constructionwork.

105. Compensation eligibility is limited byacut-off-date.Thecut-off-date for non-title holders,is the date of the start of the census survey.The date of Land Acquisition Notification under Section 11 of the RFCTLARRA will be the cut-off-date for all titleholders losing land and structures. The

<sup>21</sup>Vulnerable households comprise below poverty line households,female-headed households, households without of school/working children, disabled person-headed household, elderly-headed household or elder, landless household,household with nolegaltitle /tenure security,and schedule castes and scheduled tribe house holds.

<sup>22</sup>Permanent Structure loss (Cattle Shed)on Govt. land to one Non-title holder, under Vulnerable (WHH) category is identified and another is temporary livelihood loss of a fruit vendor at this stage. However, this will be further assessed and ascertained during DMS.



project Entitlement Matrix (Table17) identifies and lists various types of losses resulting out of the project and specific compensation and resettlement packages for each category.

106. Damages/unanticipated losses caused during construction, if any will be eligible for compensation. Such issues will be identified and closely monitored by the safeguard monitoring unit of the PMU and PIUs. Compensation for unanticipated temporary impacts and damage during construction will be borne by the contractor. Unanticipated losses, if any, will be mitigated/compensated as per the Entitlement Matrix of this resettlement framework. Loss of drinking water, sanitation and/or any other facility due to damage of existing infrastructure during construction will be mitigated through provision of alternate facilities (e.g., alternate means of water supply). The time gap between transfers from old system one win certain are as will be minimized to avoid inconvenience to the public.

**Table 17: Entitlement Matrix<sup>23</sup>**

SI No.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy <sup>24</sup>	Implementation Issues <sup>25</sup>	Responsible Agency
<b>1. Loss of Structures</b>						
1.a	Loss of residential structure or other minor structure	Residential structure, other minor structures and assets	Non-titleholders	<ul style="list-style-type: none"> <li>Squatters and encroachers will be given 60 days advance notice to remove their assets</li> <li>Replacement cost of structure constructed by the squatter;</li> <li>Right to salvage materials from structure and other assets;</li> <li>One-time resettlement allowance of ₹ 50,000 per affected family, in case of relocation from housing;</li> <li>A lump sum shifting assistance of ₹. 15,000 will be provided.</li> <li>Additional compensation for vulnerable household as specified in row # 2.a.</li> </ul>	<p>Non-titleholders will be eligible for compensation when they are found residing at the land on the date of the census / cut-off date</p> <p>Vulnerable households will be identified during the census.</p>	PIU with support of PDMSC will verify the extent of impacts through a 100% survey of affected households determine assistance, verify and identify vulnerable households.
<b>2. Impact on Vulnerable Affected Persons (APs)</b>						
2a	Impacts on vulnerable affected persons <sup>k</sup>	All impacts	Vulnerable affected persons <sup>l</sup>	<ul style="list-style-type: none"> <li>In addition to the compensation benefits mentioned in row # 1,2,3,4,5 and 6, the vulnerable affected families will receive:</li> <li>Preferential employment in the project construction;</li> <li>Provision of skill training for alternate livelihood for the affected person or any member of the household as specified in # 5a.</li> <li>Assistance to converge with any appropriate government schemes;</li> <li>Additionally, each vulnerable affected family will receive one-time vulnerability assistance of amount ₹ 25000.</li> </ul>	<p>Vulnerable households will be identified during the census.</p> <p>Skill training need assessment will be carried out during socio-economic survey.</p>	<p>PIU and PDMSC will verify the extent of impacts through 100% surveys of AHs and determine assistance, verify and identify vulnerable households.</p> <p>PIU and PDMSC will monitor and ensure receipt of entitlement by vulnerable APs.</p>
<b>3 Temporary Impact</b>						

<sup>23</sup> All entitlements in rupees (other than those provided under RFCTLARRA) will be adjusted for inflation till the year of compensation payment.

<sup>24</sup> Transportation costs, monthly subsistence allowance and resettlement costs are not incremental. For example, if an affected household loses land, shelter and commercial business in one lot, the family will get each of these allowances only once.

<sup>25</sup> For design, build and operate (DBO) contracts, the DBO contractor undertakes design tasks.

SI No.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy <sup>24</sup>	Implementation Issues <sup>25</sup>	Responsible Agency
3.a	Temporary disruption of livelihood		Legal titleholders, tenants, leaseholders; non-titled affected persons, sharecroppers, wage labours	<ul style="list-style-type: none"> <li>• 30 days advance notice regarding construction activities, including duration and type of disruption.</li> <li>• Cash compensation equivalent to net income from the affected business for the period of disruption on producing relevant income or income tax return documents; in absence of proper income documents, the income will be assessed by PMU.</li> <li>• The employees will receive compensation equivalent to their net income for the duration of disruption based on the payment/salary/wage receipts or as reported during socio-economic survey. If income documents are not available then the person will receive compensation calculated as per the minimum wage rate.</li> <li>• Contractor's actions to ensure access, consistent with the environmental management plan (EMP)/initial environmental examination (IEE).<sup>1</sup></li> <li>• Assistance to vendors/hawkers to temporarily shift for continued economic activity. After the construction is completed, the affected persons will be allowed to come back to their original place of work. One-time shifting allowance<sup>m</sup> of ₹10,000 to be provided (which will include labour charges, and transportation to move out and to move back to the original place).</li> </ul>	<p>Identification of alternative temporary sites to continue economic activity. Contractor's actions to ensure access consistent with the initial environmental examination. This includes leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches for people and vehicles where required, increased workforces to finish work in areas with impacts on access, timing of works to reduce disruption during business hours, phased construction schedule and working one segment at a time and one side of the road at a time.</p> <p>Any damage to temporary structures during shifting will be compensated at replacement cost.</p> <p>The start date of census survey will be the cut-of-date for identification of the</p>	<p>Valuation Committee will determine income loss and structure damage during shifting if any.</p> <p>Contractors will perform actions to minimize income/access loss.</p>

SI No.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy <sup>24</sup>	Implementation Issues <sup>25</sup>	Responsible Agency
					non-titleholders and they will be intimated about the same.	
3b	Loss of (access to) common resources	Common resources	Communities/ user groups (formal/informal)	(i) Restoration of access / provision of alternative access to common facilities/resources.	The scope of work of the contractor should include the restoration of common sources if affected during project implementation	PMU and PIU through Contractor.
<b>4 Any Other Unanticipated Impact<sup>26</sup></b>						
4.a	Any other loss not identified	Any other loss not identified in the matrix	Any affected person or affected entity	<ul style="list-style-type: none"> <li>Any unanticipated involuntary impacts will be documented and mitigated based on principles agreed in this resettlement framework and in spirit of ADB's Safeguard Policy (SPS), 2009.</li> </ul>	-	PIU and PDMSC will review and ascertain the nature and extent of loss. PMU will finalize the entitlements in line with resettlement framework and ADB's SPS, 2009.

PDMSC = project design and management supervision consultant, EMP = environmental management plan, PMU = project management unit, ROW = right-of-way, RFCTLARRA = Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, SPS = Safeguard Policy Statement, m<sup>2</sup> = square meter.

<sup>h</sup>Non-titleholders are those without legal title to land and without any recognizable rights to land occupied by them.

<sup>l</sup>Other assets include, but is not limited to walls, fences, sheds, wells, etc. Detailed entitlements will be finalized after detailed measurement survey when all impacts are known, and all impacts will be mitigated with appropriate compensation based on ADB's Safeguard Policy (SPS), 2009.

<sup>j</sup>Detailed entitlements will be finalized after detailed measurement survey when all impacts are known, and all impacts will be mitigated with appropriate compensation based on ADB's SPS, 2009.

<sup>k</sup>Vulnerability benefits are incremental, i.e., in addition to other entitlements and benefits

<sup>l</sup>Vulnerable households comprise below poverty line households, female-headed households, households with out of school/ working children, disabled person- headed household, elderly headed household, landless household, household with no legal title/tenure security, and schedule castes and scheduled tribe households.

<sup>26</sup> Any loss of ramps or steps and other structures during construction will be restored by the contractor to previous or better condition. This will be a contractual requirement and will be reflected in the contractor's contract agreement.

107. Affected persons facing loss of structures, including encroachers and squatters will be entitled to a minimum of 60 days advance notice to remove their assets, meant to minimize damage/loss and ensure that they incur none or minimal livelihood disruption. Affected persons will be provided compensation and other R&R benefits as per the entitlement matrix. Vulnerable families will be provided additional benefits as prescribed in the entitlement matrix. Project shall consult with affected families/persons facing relocation in selection of relocation sites and consider their preferences in site selection, as applicable.

108. Implementing Agency shall provide written assurance stating that all displaced poor and vulnerable households will be accorded priority in training/skill building conducted under the project and their placement in project operation related job opportunities, if desired by them. The project (PIU, PDMSC, contractor) shall facilitate affected families/persons facing relocation in finding suitable rental/temporary accommodation (if desired) in the vicinity and also facilitate in availing government schemes in housing and other such benefits.

109. PIU and PDMSC safeguards personnel will be responsible for maintaining contact with each displaced poor/vulnerable household, through out the project implementation period, to ensure that their socio-economic and housing status is monitored, and they are enabled to attain the anticipated rehabilitation outcome of improved standard of living.

## VIII. RESETTLEMENT BUDGET AND FINANCING PLAN

### A. Resettlement Budget:

110. The Resettlement Budget estimate includes compensation for Structure loss to the squatter having cattle shed on government land, detail survey cost for Resettlement and Indigenous Peoples Plan (RIPP) updating and finalization, monitoring survey cost, third party witness and certification costs and consultation, grievance redress and awareness generation cost.

111. The government will bear all RP costs related to compensation and mitigation and will be responsible for releasing the funds for resettlement and the activities related to the specific action plan for indigenous peoples in a timely manner. Water connection to 100 percent scheduled tribe and other households will be included in the contract provision, therefore, not included in the budget.

112. The resettlement budget for the SZ-03 as outlined in the entitlement matrix and contingency provision amounting of about 20% of the total cost.<sup>27</sup> PDMSC team<sup>28</sup> will be involved in facilitating meetings/camps for disbursement process and will facilitate by making aware about the process of opening of bank accounts for the affected person who do not have bank accounts. The costs are conservative estimates and will be confirmed during detailed project preparation and planning.

113. The estimated total resettlement cost the contract package is ₹17,76,960.00 (Rupees Seventeen Lakh Seventy-Six Thousand Nine Hundred Sixty only).<sup>29</sup> PIU will issue order for release of payment to affected persons, which shall be released through electronic clearance service/National Electronic Fund Transfer (ECS/NEFT) transaction from bank, through concerned treasury of the state/district administration.

114. Details of Resettlement and Indigenous Peoples Plan (RIPP) budget estimation are as follows:

- (i) Total 2 numbers of affected persons are estimated to be project affected as per sample Survey, transect walk and preliminary estimates during transect walk and income loss survey. Permanent Loss of one (1) Structure (Cattle Shed) on Government land is likely to be impacted. Resettlement budget for affected person under this project is replacement cost (without depreciation) compensation will be as per the agreed entitlement matrix. The affected person identified based on preliminary design will be revalidated during DMS, and those found to be impacted will be eligible to receive compensation as per entitlement matrix. Further assessment for any income/structure loss will be undertaken before start of WTP construction work.
- (ii) One (01) affected person (Woman) belonging to General Caste (Gen), have been identified based on initial assessment done at design and planning stage. One time Vulnerability assistance for HPRDWILP has been budgeted as ₹ 25,000, per

<sup>27</sup> The estimated costs are conservative and will be confirmed during detailed project preparation at the time of updating the RP.

<sup>28</sup> The cost of PDMSC for public consultation and awareness campaigns will be considered under Project cost for HPRDWILP.

<sup>29</sup> The Resettlement and Indigenous Peoples Plan (RIPP) budget for the SZ-03 will be borne by the Executing Agency. Jal Shakti Vibhag (JSV), Government of Himachal Pradesh is the Executing Agency.

- person, in accordance with the entitlement matrix.
- (iii) Shifting assistance and Right to salvage materials from structure has been considered for the affected person; shifting assistance of ₹15,000.00 is proposed for 1 the affected person and ₹ 10,000 (for permanent loss of semi-permanent structure).
  - (iv) One Affected person (Fruit Vendor) is likely to suffer temporary income loss for 7 days. The daily income is assessed during census is Rs. 400/- per day and will be proposed to be paid for minimum 7 days during construction.

**Table 18: Budgetary Provision for Implementation of Resettlement and Indigenous Peoples Plan (RIPP)**

Item Description	Unit	Rate (₹)	Total Amount (₹)
<b>(Structure Loss)</b>			
Compensation for one Structure loss (Cattle Shed and other structures) (Replacement Cost for Structure)	Number	8,53,000	8,53,000.00
Shifting allowance (one-time) for 1 affected person	LS	15,000.00	15, 000.00
One-time Vulnerability assistance (01 affected person)	LS	25,000.00	25,000.00
Temporary Loss of Livelihood <sup>30</sup> (Cost for 7 Days)	7	400	2800
Shifting allowance (one-time) for 1 affected person	1	10,000	10,000.00
Updating of draft Resettlement and Indigenous Peoples Plan (RIPP), ID preparation, Documentation etc.	LS	--	2,50,000.00
Surveys, Consultation, Grievance Redress including IPs	LS	--	1,50,000.00
Awareness Generation and Capacity Building IPs	LS	---	1,50,000.00
Third Party Witness costs (01 Land Donor)	Number	25,000.00	25,000.00
<b>Sub-total</b>			<b>14,80,800.00</b>
<b>Contingency @ 20%</b>			<b>2,96,160.00</b>
<b>Grand total</b>			<b>17,76,960.00</b>

LS= Lump sum

Notes: (i) Cost of land donation through agreement is not added to the Resettlement and Indigenous Peoples Plan (RIPP) Cost. Government will bear the cost of execution of the Gift Deed and transfer of Land. (ii) Provisional sum for compensation of structure loss is provided based on the consultation and Estimation of Structure verified by the competent authority in the event the land is taken for WTP construction. In case the site is not selected during detail design, this impact may not occur. (iii) For distribution line alignment no potential impact has been assessed as of now. If any temporary impact is assessed during detail design and detailed measurement survey, the same will be included in the Resettlement and Indigenous Peoples Plan (RIPP) cost. (iv) Government will bear all costs related to RP and SAP implementation.

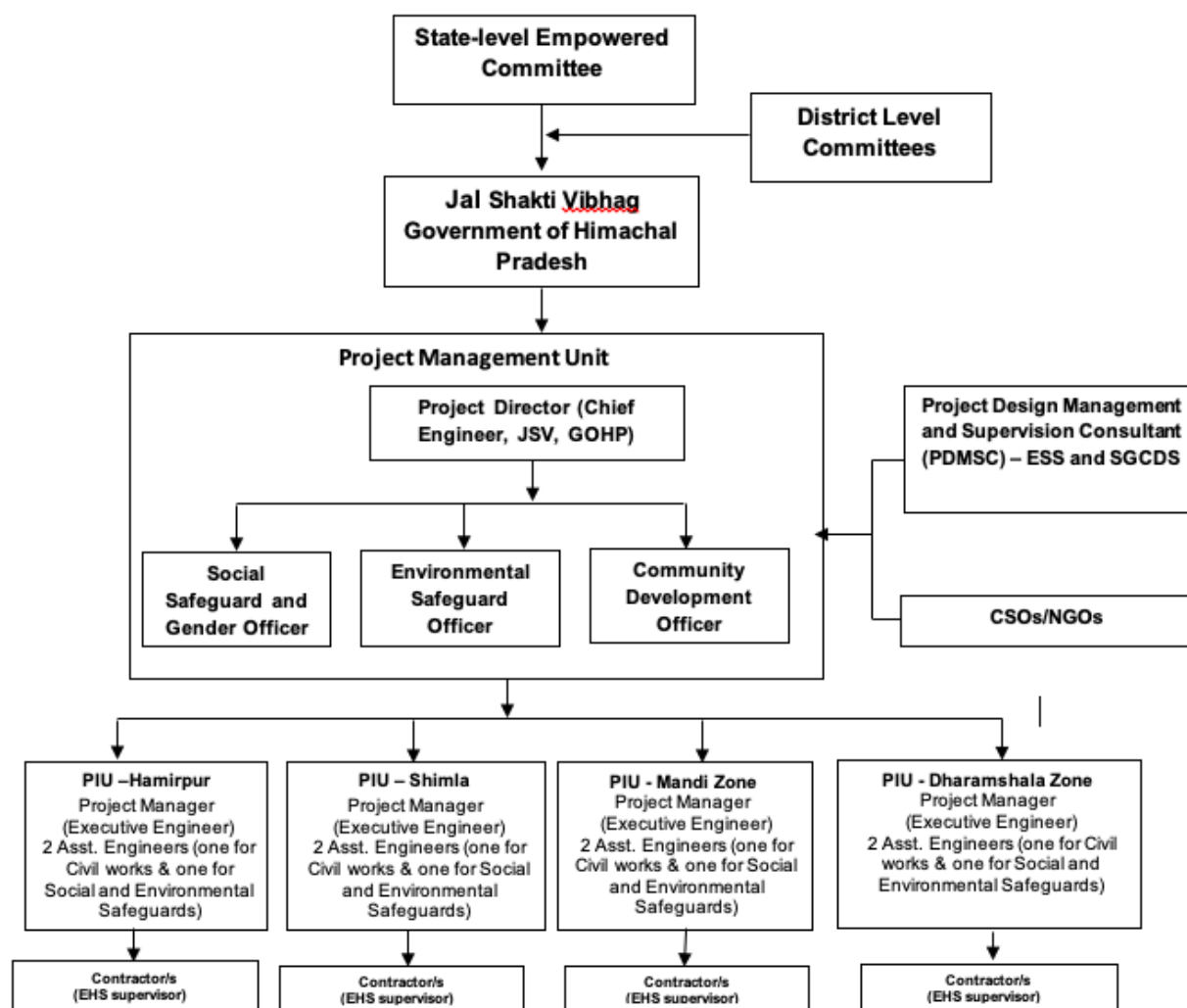
<sup>30</sup>1. The daily income has been assessed by ADB's Social Safeguard Consultant during site visit in October 2021. 2. Period of Disruption is taken 7 days (minimum), if impact will be more than 7 days it will be paid as per number of days impacted – for this refer to measurement book (MB).

## IX. INSTITUTIONAL ARRANGEMENTS AND IMPLEMENTATION

### A. Institutional Arrangement for Safeguard Implementation

115. Jal Shakti Vibhag (JSV) will establish a central Project Management Unit (PMU) headed by a Project Director (PD) and will be supported by three Deputy Project Directors (DPD I, II and III). DPD-I and II will be responsible for procurement and contract management in two zones each (DPD-I -Hamirpur and Dharamshala, and DPD-II - Shimla and Mandi). DPD-III will be responsible finance management of the project. PMU will be staffed with technical, administrative, finance, procurement, safeguards, gender, etc. Under the PMU, four Project Implementation Units (PIUs) will be established at zonal level (Hamirpur, Dharamshala, Shimla and Mandi), and each PIU will be headed by a Project Manager. PMU and PIUs will be supported by Project Design, Management, and Supervision Consultant (PDMSC) team.

**Figure 3: Implementation Arrangement for Safeguard Implementation**





116. **Safeguards Compliance Responsibilities.** PMU will be staffed with three safeguard officers: (i) Environment Safeguard Officer (ESO), (ii) Social Safeguard and Gender Officer (SSGO), and (iii) Community Development Officer (CDO) who will be responsible for compliance with the environmental, social and gender safeguards and community related issues in program implementation respectively. Environment Safeguard Officer and Social Safeguard and Gender Officer will have overall responsibility of safeguard implementation in compliance with ADB SPS 2009. At individual subproject level, Environment Safeguard Officer and Social Safeguard and Gender Officer will ensure that environmental assessment and social impact assessment is conducted, and IEE reports and corresponding EMPs and Social Management Plan (SMP) and Resettlement and Indigenous Peoples Plan (RIPP)s, resettlement and indigenous peoples plans (RIPP), due diligence reports (DDRs) are prepared and implemented, and the compliance, and corrective actions, are undertaken. Environmental Safeguard Specialist and Social Safeguards and Gender Specialist of the PDMSC will have primary responsibility of preparing the safeguard documents and supervising the EMP and Resettlement and Indigenous Peoples Plan (RIPP) implementation, while the Safeguards Officers at PMU will review, approve and oversee the compliance. At each PIU, a Safeguard/Environment Officer of Assistant Engineer rank, AE (SEO), will be responsible for safeguard implementation. AE(SEO) will oversee the safeguards implementation at PIU level and will be responsible for reporting to Environment Safeguard Officer and Social Safeguard and Gender Officer at PMU. The AE(SEO) will coordinate public consultation, information disclosure, regulatory clearances and approvals, EMP and Resettlement and Indigenous Peoples Plan (RIPP) implementation and grievance redress. Contractor will appoint an Environment, Health and Safety (EHS) supervisor to implement EMP; EHS supervisor of DBO Contractor will have responsibilities related to environmental and social safeguards compliance and grievance redress and management at field level.

## **B. Social Safeguards and Gender Mainstreaming Roles and Responsibilities**

117. **Project Management Unit (PMU).** Detailed tasks and responsibilities pertaining to social safeguards and gender at the PMU level are as follows. The following tasks will primarily be the responsibility of the Social Safeguards and Gender Officer at PMU, who will support the Project Director in accomplishing these tasks:

- (i) ensure subprojects conform to the agreed subproject selection criteria for the project;
- (ii) review and finalize subproject involuntary resettlement and indigenous people category;
- (iii) oversee preparation of resettlement and indigenous peoples plans (RIPPs)/due diligence reports (DDRs) including specific action plans for indigenous peoples if / as required; confirm existing RIPPs/ DD Rs are updated based on detailed designs, and that new subproject RIPPs/DDRs are prepared in accordance with the resettlement framework and indigenous peoples planning framework prepared in compliance with ADB SPS 2009 and policies, regulations of GOHP for the project;
- (iv) be part of consultation activities with affected persons, indigenous peoples and other relevant stakeholders from time to time organized by PIUs to ensure free, fair and meaningful consultation are conducted and meeting minutes with signatures of all attendees, photographs of the consultations are maintained;
- (v) responsible for issuing public notice(s) to acquire any particular land/property (if applicable) along with project information/details as well as to declare the project cut-off-date;

- (vi) ensure that resettlement and indigenous peoples plans (RIPP)/DDR are included in bidding documents and civil works contracts;
- (vii) provide oversight on social safeguard management aspects of subprojects and ensure RIPP/specific action plans for indigenous peoples and impact avoidance measures outlined in the resettlement framework/environmental management plan/Resettlement and Indigenous Peoples Plan (RIPP)s/DDR are implemented by PIUs and contractors;
- (viii) ensure and monitor the provision in the contract to include the vulnerable affected persons and groups during the project construction work as semi-skilled or unskilled workers;
- (ix) facilitate and ensure compliance with all government rules and regulations and ADB SPS requirements regarding No Objection Certificates, third party certificates for negotiated settlement or donation, land ownership and transfer details, sale or gift deeds etc. for each site, as relevant;
- (x) supervise and guide the PIUs to properly carry out the social safeguard and gender monitoring ( RIPP) as per the resettlement framework, indigenous peoples planning framework and GESI Action Plan monitoring matrix.
- (xi) review, monitor, and evaluate the effectiveness with which the RIPP/s/provisions of DDRs are implemented, and recommend corrective actions to be taken as necessary;
- (xii) consolidate monthly social safeguard and gender monitoring reports from PIUs and with the support of PDMSC submit quarterly progress reports (QPR) and semi-annual social safeguard monitoring reports (SSMR) to ADB;
- (xiii) ensure timely disclosure of final Resettlement and Indigenous Peoples Plan (RIPP)s/ DDRs in locations and form accessible to the public and affected persons;
- (xiv) address any grievances brought about through the GRM in a timely manner;
- (xv) oversee training needs assessment of affected persons and vulnerable persons by PIUs, coordinate training activities with the support of PDMSC;
- (xvi) ensure that induction course for the training of contractors is conducted regularly. Prepare contractors (with consultants' support) on RIPP/DDR/ implementation, social safeguard and gender monitoring requirements related to mitigation measures, health and safety and on taking immediate action to remedy unexpected adverse impacts or ineffective mitigation measures found during the course of implementation;
- (xvii) identify training needs and coordinate training activities for the PIUs/ PDMSC/contractors for capacity building to implement the RIPP/DDR, and GRM;
- (xviii) Coordinate orientation on implementation, monitoring and reporting requirements of GESI action plan activities including need for collecting, collating and reporting sex disaggregated for all human related parameters.
- (xix) coordinate sex disaggregated database management for social safeguards and GESI Action Plan implementation and monitoring; and
- (xx) coordinate public awareness campaigns by the PIUs including social safeguards and GESI Action Plan provisions with the help of print and electronic media.

**118. Project Implementation Units.** The key social safeguard roles and tasks of the PIU are listed below. These tasks will be the primary responsibility of the Safeguard/Environment Officer at PIU:

- (i) Provide field data to fill up involuntary resettlement/indigenous peoples impact checklist and classify the project;
- (ii) Ensure compliance with government and ADB requirements on social safeguards;

- (iii) Conduct regular site visits, including spot checks, to ensure compliance with social safeguards (involuntary resettlement and indigenous peoples safeguards) requirements of the project;
- (iv) Oversee and conduct census and socio-economic surveys, detailed measurement surveys, and verification surveys of affected persons together with PDMSC during detailed design, conduct consultations with affected persons, prepare list of affected persons and inventory of loss, and ensure all data required to prepare/update RIPPs, DDRs including specific action plans for indigenous peoples if / as required, with the assistance of Social, Gender and Community Engagement Specialist of PDMSC. Ensure updated information is submitted to PMU for preparation/updating of documents with PDMSC and contractor's support;
- (v) Inform affected persons about tentative schedule of land acquisition/occupation, entitlement matrix and compensation packages against different categories of loss, and cut-off date;
- (vi) Coordinate valuation of assets, such as land, trees of various species, etc. based on proper due diligence and assessment, prepare compensation packages;
- (vii) Coordinate, supervise and monitor disbursement of compensation;
- (viii) Obtain no objection certificates (NOCs), land documents, third party certifications (as required) for the project;
- (ix) Support to PMU in preparing/updating RPs/RIPPs/DDR;
- (x) Oversee day-to-day implementation of impact avoidance and mitigation measures in RIPPs/DDR and EMPs by contractors, including compliance with all government rules and regulations particularly health and safety;
- (xi) Oversee maintenance of data for monitoring, by consultants and contractors;
- (xii) Implement corrective actions when necessary to ensure no adverse social impacts;
- (xiii) Submit monthly social monitoring and GESI action plan reports to PMU;
- (xiv) Conduct continuous public consultation and awareness with the support of PDMSC safeguard and gender specialists;
- (xv) Set up GRM at field/site/PIU level and ensure it is fully functional prior to start of civil works. Address any grievances brought about through the grievance redress mechanism in a timely manner;
- (xvi) Ensure that contractors are aware about RIPP/DDR/ implementation, social safeguards and gender monitoring requirements, as well as requirements related to mitigation measures, health and safety and on taking immediate action to remedy unexpected adverse impacts or ineffective mitigation measures found if any, during the course of implementation;
- (xvii) Liaise with the district/sub-district administration and line departments as and when required;
- (xviii) Supervise the work of all consultants at town (PIU) level;
- (xix) Oversee day-to-day implementation and monitoring of final RIPPs/specific action plans for indigenous peoples/impact avoidance and mitigation measures in social safeguards documents, if any;
- (xx) Provide field level information required to prepare periodic safeguard monitoring reports in a format acceptable to ADB provided in PAM;
- (xxi) Extend support in carrying out awareness campaigns in project towns.

119. **Project Design Management and Supervision Consultant (PDMSC).** The PMU and PIUs will be supported by Project Design Management and Supervision Consultant (PDMSC) in project management and implementation. The Social, Gender and Community Development

Specialist of PDMSC will assist PMU and PIUs in implementing and RPPs, ensure social safeguard compliance at all subproject locations, including review and updating of all RPPs, DDRs. PDMSC Social, Gender and Community Development Specialist (SGCDS) will oversee project implementation, support on policy reform related issues and compliance of all the reporting requirements of GOHP, other statutory regulatory bodies and ADB SPS, 2009.

120. The specific tasks of Social, Gender and Community Engagement Specialist of PMDSC will include the following:

- (i) Assist the PMU/PIUs to screen and categorize subproject components and ensure adherence to site and subproject selection criteria.
- (ii) Carry out (a) social baseline data collection, (b) assessment of social risks, and (c) meaningful consultations with affected persons;
- (iii) Ensure the contractors comply with the agreed social safeguards frameworks, RPPs and due diligence reports on social safeguards for the project;
- (iv) Prepare any additional draft resettlement and indigenous peoples plans/due diligence reports, update the existing RIPP/DDR (based on revalidation and DMS, before start of construction work), and prepare any new safeguard documents as and when required;
- (v) Assist the PIUs in the implementation of final RPPs and GESI action plan activities;
- (vi) Assisting with any capacity building activities for stakeholders including PMU, PIUs, contractors;
- (vii) Prepare semi-annual social safeguard monitoring reports, quarterly progress report checklists on social safeguards, and quarterly gender action plan updates in format provided in PAM;
- (viii) Collect relevant data on implementation of GESI action plan and design gender sensitive communication strategy and IEC materials illustrating key social and behavior change messages related to hygiene, sanitation and health jointly with the communication specialist and in accordance with the gender action plan;
- (ix) Extend assistance to PMU, JSV in carrying out awareness campaigns focused on title rights, operation and maintenance of the residential units and common areas, access to basic civic facilities, health and education facilities, etc.

121. **Civil Society Organizations.** Two civil society organizations will also be contracted to support the PMU in the successful implementation of the project. The CSOs/NGOs will be responsible for GESI action plan and CAPP implementation, provide specific support to implement community development and awareness raising activities, support the PIUs in holding consultations with the community and support the project-GRM. The CSOs/NGOs will have the following specific tasks:<sup>31</sup>

#### **Coordination support**

- (i) Coordinate with elected representatives, district administration, JSV, line departments, PIUs, Contractor, PDMSC, and community for project activities;
- (ii) Provide necessary field level information to PIU and PDMSC for reports preparation and other documentation;
- (iii) Coordinate with contractor's representatives to promptly address community grievances and avoid undue escalations;
- (iv) Coordinate with the Contractor for collecting and reporting sex disaggregated

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<sup>31</sup>The detailed tasks are outlined in the TOR attached in the Project Administration Manual.

- (v) data of labour engaged in construction activity at the project sites;  
Coordinate with experts in PDMSC and ADB TA consultants for effective implementation of GESI AP and community development and public participation activities.

### **Grievance redressal**

- (i) Conduct awareness in the community and among affected persons on grievance redressal mechanism established under the project;
- (ii) Assist PIU in the dissemination of entitlement matrix among affected persons as per the resettlement plan;
- (iii) Hold consultations in the habitations of the project area including Indigenous Peoples' communities to identify community concerns if any, document such consultations, and inform PIU and concerned officials appropriately.

122. **Design Build and Operate (DBO) Contractors.** The Resettlement and Indigenous Peoples Plan (RIPP)s/DDR's will be included in bidding and contract documents and verified by the PIUs and PMU. All contractors will be required to designate an Environment Health and Safety (EHS) Supervisor to ensure social safeguard compliance / EMP during civil works and operation and maintenance, who will also have the responsibility for communication with the public under the guidance of PMU/PIUs and grievance registration. Contractors are to carry out all compliances as mentioned in their contract.

123. The DBO Contractor shall comply with: (i) all applicable labor laws and core labor standards on (a) prohibition of child labor as defined in national legislation for construction and maintenance activities; (b) equal pay for equal work of equal value regardless of gender, ethnicity, or caste; and (c) elimination of forced labor; and with (ii) the requirement to disseminate information on, COVID-19 safety protocols, sexually transmitted diseases, including HIV/AIDS, to employees and local communities surrounding the project sites. The key responsibilities of social safeguard supervisor on social compliance are as follows:

- (i) Work in close coordination with the PIU, design engineers and social safeguards personnel to finalize detailed design keeping the safeguard principles adopted for the project in view.
- (ii) Ensure that all design-related measures (e.g., assessment of alternatives, special considerations for the vulnerable related to facility locations or design, mitigation measures for affected persons) are integrated into project designs before approval.
- (iii) Conduct joint walk-throughs with PIU, design engineers and social safeguards personnel from PDMSC at sites/sections ready for implementation; identify the need for DMS and conduct DMS to arrive at the final inventory of loss.
- (iv) Ensure strict adherence to ADB and government policy on social safeguards and the agreed entitlement matrix during implementation.
- (v) Review the RIPP including the entitlement matrix, category and the EMP, and conduct site visits to understand the environmental and social sensitivity of the project sites.
- (vi) Make sure that that induction course for the training of contractors is conducted regularly. Prepare contractors (with consultants' support) on RIPP/DDR/GESI implementation, social safeguard and gender monitoring requirements related to mitigation measures, health and safety and on taking immediate action to remedy unexpected adverse impacts or ineffective mitigation measures found during the course of implementation;

- (vii) Assist with grievance redress and ensure recording, reporting and follow-up for resolution of all grievances received.
- (viii) Understand the regulatory compliance requirements related to labor welfare, environmental and social safeguards, and occupational health and safety.
- (ix) Ensure that all imported laborers are screened for HIV/AIDS and other infectious and transmissible diseases before being deployed at work sites. Besides, the Contractor must conduct an orientation on the health, occupational safety, movement, and citizenship laws of the country before the work can start and from time to time to avert any issues resulting in conflict with local law and law keepers.
- (x) Assist PIU in disclosing relevant information on construction timelines, GRM to beneficiaries and affected persons including the vulnerable groups.
- (xi) Ensure COVID-19 safety protocols are regularly monitored and followed at each of the construction site.

### **C. Summary of Social Safeguards Implementation Responsibilities**

124. The PIUs will be responsible for implementation of the RPPs//specific action plans for indigenous peoples/impact avoidance and mitigation measures in the plans and DDRs, and the PMU for monitoring of the RPPs. The PIU will undertake surveys and record observations throughout the construction period to ensure that safeguards and mitigation measures are provided as intended. The PMU through the PIUs will arrange for disbursement of compensation to affected persons, implementation and monitoring of safeguards compliance activities, stakeholder consultation and public awareness activities, and ensure gender mainstreaming activities. PMU will also arrange to obtain no objection certificates and transfers from government agencies and/or other entities, if/as required. It will also coordinate to obtain ROW clearances with related state and national agencies. The PDMSC Social, Gender and Community Development Specialist and Safeguard and Safeguard/Environment Officer of PIUs will supervise data collection for Resettlement and Indigenous Peoples Plan (RIPP) / due diligence report updating, preparation and implementation and prepare progress reports with respect to Resettlement and Indigenous Peoples Plan (RIPP) implementation. They will record social impacts at field level during implementation, need to update RPPs/DDR and need to prepare /RPPs where earlier no impacts were envisaged and only DDRs prepared.

125. The PIU/PDMSC will finalize the micro-plans on entitlements for each affected person, disclose the micro-plans to affected persons, and will receive approval from PMU. The PIU along with PDMSC will ensure disbursement of compensation to affected persons prior to displacement and prior to the impact, and before start of construction.

126. The PIU will assist the PMU in implementing and monitoring the RPPs/specific action plans for indigenous peoples (duly approved by ADB prior to implementation). PMU and PIU staff capacity needs to be built to ensure that they are fully conversant with public awareness generation activities, consultations and field surveys and an understanding of data entry and quality control.

**Table 19: Institutional Roles and Responsibilities**

<b>Activities</b>	<b>Agency Responsible</b>
<b>Subproject Initiation Stage</b>	
Finalization of sites/alignments for project (on ground)	PMU/PIUs/Contractors
Meetings at community/household level with affected persons and beneficiaries	PMU/PIUs/PDMSC

<b>Resettlement and Indigenous Peoples Plan (RIPP) Preparation/ Updating Stage</b>	
Conducting DMS and Survey/Census of all affected persons	PIUs/PDMSC/Contractor
Conducting FGDs/meetings/workshops during census surveys	PIUs/PDMSC/Contractor
Verification of survey results, vulnerable households	PMU/PIU/PDMSC
Computation of compensation	PMU/ PIU assisted by PDMSC
Conducting discussions/FGD/meetings/workshops with all affected persons and other stakeholders	PIUs/PDMSC
Finalizing entitlements	PMU/PIUs with support of PDMSC
Disclosure of final entitlements and compensation packages	PIUs/PDMSC
Approval of Resettlement and Indigenous Peoples Plan /IP specific action planbudget	JSV and SEC
Approval of Resettlement and Indigenous Peoples Plan /RIPP/DDR	ADB
<b>Resettlement and Indigenous Peoples Plan Specific Action Plan Implementation Stage</b>	
Payment of compensation	PMU/ PIUs
Consultations with affected persons during rehabilitation activities Consultations with indigenous peoples to enhance their participation and ensure benefits	PIUs/PDMSC
Implement, monitor and report on all tasks required in the Specific Action Plans for indigenous peoples	
Grievances Redressal	PMU/PIUs/PDMSC/ Contractor
Internal Monitoring	PMU/PIU

DMS= detail measurement survey; FGD= focus group discussion; GRC = Grievance Redress Committee; MOF= Ministry of Finance; PMU = project management unit; PDMSC= project design management and supervision consultant; PIU= project implementation unit; SEC=state-level empowered committee

127. The above institutional arrangement will ensure that:

- (i) Social safeguard issues are addressed.
- (ii) Resettlement framework and Indigenous Peoples Planning Framework is followed in all resettlement and indigenous peoples issues.
- (iii) Approved Resettlement and Indigenous Peoples Plan (RIPP)s and impact avoidance and mitigation measures in Resettlement and Indigenous Peoples Plan (RIPP) are implemented.
- (iv) Implementation of Resettlement and Indigenous Peoples Plan (RIPP)s and impact avoidance and mitigation measures is monitored.
- (v) Periodic monitoring reports are prepared in a timely manner and submitted to Project Director, PMU for onward submission to ADB for approval.
- (vi) Database on Resettlement and Indigenous Peoples Plan (RIPP) and indigenous peoples specific action plan monitoring and due diligence is updated and maintained.
- (vii) Project grievance redress mechanism established and functional.

#### **D. Safeguards Capacity Building – Social Safeguards**

128. Capacity to handle involuntary resettlement / indigenous people impacts, gender and vulnerability issues, needs to be built in the Project. Training of PMU / PIU staff on aspects such

as Resettlement and Indigenous Peoples Plan (RIPP) planing/updating/implementation, social protection, inclusion and gender, including the specific recording, reporting, and disclosure requirements therefore need to be planned separately.

129. For the capacity building of designated safeguard officers and engineers, PMU will organize training programs on gender and social safeguards. The PDMSC Social, Gender and Community Development Specialist will be responsible for training the PMU's gender and safeguards officers, and PIU's engineers and other staff.

130. Owing to the complexity of Projects spread across a large area, there is a need to specially focus on capacity building on social (distinct social, economic and cultural traits and traditions of indigenous people and the importance of preserving these, including indigenous knowledge systems, etc.), legal (traditional rights over land and land tenure issues) and technical aspects in such Projects with an adequate budgetary provision. Training on provisions of resettlement framework and indigenous peoples planning framework including periodic refresher training will be undertaken.

131. The specific capacity development program will include but will not be limited to:

- (i) sensitization on ADB's policies and guidelines on social and indigenous peoples safeguards (ADB's Safeguard Requirement 2 and 3: Involuntary Resettlement and Indigenous Peoples) including meaningful consultation, GRM and accountability mechanism;
- (ii) Orientation on project GESI action plan activities, its implementation, monitoring and reporting requirements.
- (iii) introduction to the assessment of involuntary resettlement and indigenous peoples impacts and mitigation measures, including best practices, in the design, construction, operation and maintenance of water supply, sewerage, roads, and drainage subprojects;
- (iv) preparation and review of RPs/DDR's based on preliminary design, and updating of the documents based on the final design;
- (v) Effective communication with stakeholders including elected representatives, media and general masses;
- (vi) improved coordination within nodal departments;
- (vii) disbursement of compensation, consultation; and
- (viii) monitoring and reporting requirements.

## **X. IMPLEMENTATION SCHEDULE**

132. The project will be implemented over a period of 5 years. The Resettlement and Indigenous Peoples Plan (RIPP) implementation schedule will vary from subproject to subproject. In general, the project implementation will consist of the three major phases, namely project preparation, land acquisition (if required), and rehabilitation of affected persons and construction and operational phase. In line with the principles laid down in this resettlement framework, the executing agency and implementing agency will ensure that project activities are synchronized between the Resettlement and Indigenous Peoples Plan (RIPP) implementation activities and the subproject implementation. The executing agency and implementing agency will ensure that no physical or economic displacement of affected households will occur until: (i) compensation at full replacement cost has been paid to each displaced person for project components or sections that are ready to be constructed; (ii) other entitlements listed in the Resettlement and Indigenous



Peoples Plan (RIPP) are provided to the displaced persons; and (iii) a comprehensive income and livelihood rehabilitation program, supported by adequate budget, is in place to help displaced persons improve, or at least restore, their incomes and livelihoods.

133. All land acquisition, resettlement, and compensation for a subproject will be completed before award of civil works contracts. All land required will be provided free of encumbrances to the contractor prior to handing over of subproject sites and the start of civil works. The implementation of the Resettlement and Indigenous Peoples Plan (RIPP) will include: (i) identification of cut-off date and notification; (ii) verification of losses and extent of impacts; (iii) finalization of entitlements and distribution of identity cards; (iv) consultations with affected persons on their needs and priorities; and (v) resettlement, provision of compensation and assistance, and income restoration for affected persons. The expected implementation schedule for a subproject is given in Table 20.

**Table 20: Implementation Schedule**

Activities	2021 (Qtr)		2022 (Qtr)				2023 (Qtr)				2024 (Qtr)				2025 (Qtr)				2026 (Qtr)				2027 (Qtr)			
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Safeguard Implementation																										
Setting up of project level GRM																										
Prepare a community awareness and participation plan (CAPP) and submit it to ADB for review by the end of the first quarter after loan effectiveness																										
Awareness campaign among affected persons on entitlements, impact avoidance and mitigation measures to be implemented by the contractor																										
Conduct DMS, census surveys and issuance of ID cards in sections ready for construction																										
Identification of vulnerable affected persons, (if any)																										
Update draft Resettlement and Indigenous Peoples Plan (RIPP) to reflect surveys, consultations, design changes, and due diligence results																										
Consultations and disclosure																										
Review and approval of updated Resettlement and Indigenous Peoples Plan (RIPP) (ADB)																										
Training/capacity building of PMU and PIU safeguards officers, engineers, and other staff, PDMSC supervision staff and contractor's staff																										
Payment of compensation																										
Handover of sites and alignments to contractors																										
Start of civil works																										
Internal monitoring, including surveys of affected persons on entitlements, satisfaction surveys																										
Repair/reconstruction of affected facilities, structures, utilities, if any							Immediately, in consultation with other departments, as required																			

ADB = Asian Development Bank, GRM = grievance redress management, CAPP= Community awareness and participation plan, PDMSC= Project Design Management and Supervision consultant, PIU = project implementation unit, PMU = project management unit, SSGO = social safeguard and gender officer , ID=Identity card

## **XI. MONITORING AND REPORTING**

### **A. General**

134. The Executing Agency, through the Project Management Unit, will establish a monitoring system with pre-designed, discussed and approved indicators for monitoring social and gender safeguards prior to approval of the project. Later, during implementation monitoring will involve an assigned officer for collecting, analyzing, reporting and use of information about the progress of resettlement, based on the resettlement policy. PMU will be responsible for monitoring the progress of all aspects of resettlement and income generation. The EA will report to the ADB on resettlement and income regeneration by APs in semi-annual reports, including identification of significant issues. At the end of the project a Project Completion Report describing all significant activities and outcomes will be prepared and submitted to the ADB by the PD/PMU.

135. The Resettlement and Indigenous Peoples Plan (RIPP) implementation monitoring will be done internally to provide feedback to PMU through monitoring and evaluation reports and other relevant data, to identify any action needed to improve resettlement performance or to respond to changing circumstances. Evaluation of the resettlement activities will be undertaken during and after implementation of each Resettlement and Indigenous Peoples Plan (RIPP) to assess whether the resettlement objectives were appropriate and whether they were met, including specifically whether livelihoods and living standards have been restored or enhanced. The evaluation will also assess resettlement efficiency, effectiveness, impact and sustainability, drawing lessons as a guide to future Resettlement and Indigenous Peoples planning. Budgetary provisions shall be kept in the RP for independent monitoring and review.

136. Monthly monitoring reports will be submitted by assigned officer to PMU. The PMU will consolidate monthly reports into quarterly monitoring reports for submission to ADB. These reports will form a part of the project progress reports submitted by PMU to ADB. The major objectives of monitoring are to: (i) ensure that the standards of living of affected/displaced persons are restored to the original condition or improved; (ii) ascertain whether activities are progressing as per schedule and the specified timelines are being met; (iii) assess if compensation, rehabilitation measures are sufficient; (iv) identify problems or potential issues; and (v) identify methods to rapidly mitigate any problems. The above information will be collected by Executing Agency through its PMU, which is responsible for monitoring the day-to-day resettlement activities of the project through the following instruments:

- (i) Review of census information for all Affected Persons/ Displaced Persons;
- (ii) Consultation and informal interviews with Affected Persons/ Displaced Persons;
- (iii) In-depth case studies;
- (iv) Sample survey of Affected Persons/ Displaced Persons;
- (v) Key informant interviews; and
- (vi) Community public meetings.

### **B. Internal Monitoring**

137. Monitoring shall be undertaken by the PMU through the assigned officer supported by Project Consultant. They will gather information on RP implementation covering relevant activities as per the schedule. All activities listed will be illustrated showing the target dates for completing resettlement activities. Monitoring reports on Resettlement and Indigenous Peoples Plan (RIPP) implementation shall be included in each quarterly Project Progress Report (PPR). The report of the Consultant will contain: (i) accomplishment to-date, (ii) objectives attained and not attained

during the period, (iii) challenges encountered, and (iv) targets for the next quarter. The internal monitoring report will then be integrated by the PMU with the overall PPR submitted to ADB. The reports submitted to ADB will describe the progress of the implementation of resettlement activities and any compliance issues and corrective actions. These reports will closely follow the involuntary resettlement monitoring indicators agreed at the time of Resettlement and Indigenous Peoples Plan (RIPP) approval. The sample monitoring template is in Appendix 17. Outline of semi-annual monitoring report is provided in the resettlement framework. Table 21 below shows the monitoring indicators that will require to be reported.

138. No subproject that leads to significant impacts resulting in a change in project categorization to Category A will be taken up.

139. The following Table 21 tentatively lists the impact indicators to be studied to evaluate impacts after the program is completed.

**Table 21: Monitoring Indicators**

<b>Monitoring Issues</b>	<b>Monitoring Indicators</b>
Budget and Timeframe	<ul style="list-style-type: none"> <li>• Has all resettlement concerned officer/staff been appointed and mobilized for field and office work on schedule?</li> <li>• Has capacity building and training activities been completed on schedule?</li> <li>• Are resettlement implementation activities being achieved against agreed implementation plan?</li> <li>• Are funds for resettlement being allocated to resettlement agencies on time?</li> <li>• Have resettlement offices received the scheduled funds?</li> <li>• Have funds been disbursed according to RP?</li> <li>• Has the land made encumbrance free and handed over to the contractor in time for project implementation?</li> </ul>
Delivery of DP Entitlements	<ul style="list-style-type: none"> <li>• Have all APs received entitlements according to numbers and categories of loss set out in the entitlement matrix?</li> <li>• Have affected person(s) facing livelihood loss received compensation as per entitlements?</li> <li>• Have the non-titleholders displaced due to the project, been compensated as per the entitlement matrix?</li> <li>• Have all processes been documented?</li> </ul>
Consultations, grievances & Special issues	<ul style="list-style-type: none"> <li>• Have resettlement information brochures/leaflets been prepared and distributed?</li> <li>• Have consultations taken place as scheduled including meetings, groups, community activities?</li> <li>• Were solutions related to CPR access disruptions agreed upon and were the agreed actions followed during construction?</li> <li>• Have any DPs used the grievance redress procedures?</li> <li>• What are grievances were raised?</li> <li>• What were the outcomes?</li> <li>• Have conflicts been resolved?</li> <li>• Have grievances and resolutions been documented?</li> <li>• Have any cases been taken to court?</li> </ul>
Benefit Monitoring	<ul style="list-style-type: none"> <li>• What changes have occurred in patterns of occupation compared to before?</li> <li>• What changes have occurred in income and expenditure patterns compared to pre-project situation?</li> </ul>

Monitoring Issues	Monitoring Indicators
	<ul style="list-style-type: none"> <li>Have DPs income kept pace with these changes? What changes have occurred for vulnerable groups?</li> </ul>

### C. Compliance Monitoring

140. Compliance monitoring of Resettlement and Indigenous Peoples Plan (RIPP) implementation shall cover (i) project compensation and entitlement policies, (ii) adequacy of organizational mechanism for implementing the Resettlement and Indigenous Peoples Plan (RIPP), (iii) restoration of incomes of affected persons, (iv) settling complaints and grievances, and (v) provisions for adequate budgetary support for implementing the Resettlement and Indigenous Peoples Plan (RIPP). The Project Management Unit Team will assess if the affected persons: (i) have been paid proper compensation and resettlement benefits; (ii) have re-established their structures; (iii) have re-established their business; and (iii) were extended assistance to restore their incomes from pre-project levels. It will also appraise the accounting documents used in recording the payments of compensation to affected persons by the Executing Agency. ADB will provide the support of a social safeguard's specialist cum independent monitor, to guide the PMU and project consultants and ensure independent monitoring and reporting on project compliance with SPS requirements.

### D. Reporting Requirements

141. ADB will monitor and evaluate the Resettlement and Indigenous Peoples Plan (RIPP) implementation and economic rehabilitation activities during entire project period. The monitoring report will contain evaluation of the Resettlement and Indigenous Peoples Plan (RIPP) implementation, its efficacy and provide valuable insight into the constraints in the way of implementation of Resettlement and Indigenous Peoples Plan (RIPP).

142. The Project Director shall prepare and send status reports to ADB on RP implementation periodically through the semi-annual social safeguard monitoring reports (the start of SSMR report is six months from date of loan effectiveness) and a final report upon completion of the resettlement program.

143. During project implementation, PMU will establish a monthly monitoring system involving staff at the PIU/PDMSC level who will prepare monthly progress reports on all aspects of resettlement operations.

144. The assigned officer (PMU) will conduct periodic reviews and supervision missions during the implementation stage and will report to on the progress of all aspects of resettlement activities. It is understood that a post-evaluation of Resettlement and Indigenous Peoples Plan (RIPP) activities will be carried out by ADB to assess the resettlement impact and the efficacy of the Resettlement and Indigenous Peoples Plan (RIPP) policy.

145. The monitoring indicators for evaluation of the objectives achieved under the resettlement and rehabilitation program are of three kinds:

- (i) Process indicators, indicating project inputs, expenditure, staff deployment, etc.;
- (ii) Output indicators, indicating results in terms of numbers of affected people compensated/assisted and resettled, skill development training organized, and number of displaced persons capable of reorganizing their economic livelihood; and

- (iii) Impact indicators, related to the long-term effects of the project on people's lives, including economic standard sustained or improved, and alternative employment provided to contractual employees on muster roll etc.

## XII. NEXT STEPS

146. The following will be the steps for RIPP updating and later for implementation (including but not limited to):

- (i) Transfer of land in favour of JSV for the proposed construction of components prior to start of civil works.
- (ii) This RIPP will be updated with road wise detailed measurement and census surveys where pipelines will be laid during detailed design and before start of civil works by the PDMSC social safeguard specialist. The updated/revised resettlement plan will be submitted to the ADB for approval. A 100% census and socio-economic surveys will be undertaken to register and document the status of affected people within subproject impact areas. Detailed measurement survey will be jointly conducted by safeguard specialist of consultants and contractors prior to implementation at each site/stretch of alignment.
- (iii) During finalization of detailed design, and prior to commencement of civil work in the proposed sites, PMU/PIU will reassess if there is any involuntary resettlement impact to persons and or any adverse impact to indigenous peoples due to this subproject component and update this draft plan accordingly in compliance with ADB SPS, 2009 requirements and the agreed resettlement framework/IPPF for the project.
- (iv) Cut-off-date for temporary impacts will be communicated to APs before the start of survey (and not in much advance) and also by putting up printed information in project affected area at a common place and details of such disclosure to be added to the updated RIPP.
- (v) Proposed MBR Kasauli will be constructed on the available government land under the ownership of Cantonment; prior to start of construction work, project proponent shall obtain approval or no objection from the Cantonment Board.
- (vi) Mitigation measures as proposed in this draft RP will be taken by the contractor and robust monitoring plan will put in place by the PIU and PMU to ensure its compliance. All safety measures will be taken during civil work.
- (vii) Public consultations and engagement will be carried out through the entire project planning and implementation phase. Another round of consultations will specifically be carried out during detailed census survey (100 % affected person survey) stage, upon finalization of design. Formal and informal consultative methods will be carried out including, but not limited to: focus group discussions (FGDs), public meetings, community discussions, and in-depth and key informant interviews; An intensive information dissemination campaign for affected persons will be conducted and details will be appended in the updated resettlement and indigenous people plan. to Covid19 safety protocols and guidance notes of ADB will be followed as appended in Appendix 19.
- (viii) Process followed in independent third-party certification, documentation of acceptability of third party to both JSV and the landowners.
- (ix) The certificate issued by the third party for the project proponent will confirm the following: (a) that no coercion was involved in the process, and (b) The third party will submit a certificate as witness to the Land Donation process as well as assistance provided. The third-party certificate will be completed during DMS and certification will be appended in the updated RIPP.

- (x) Copies of Land Records/ NOCs from the concerned departments and Land transfer documents of all components will be appended in the updated RIPP prior to contract award.
- (xi) Consultation with temple committee of CPRs and Community will be done prior to the award of contract.
- (xii) ADB approval of the updated RIPP based on the final assessment at detailed measurement survey stage needs to be obtained by the PMU, before start of civil works.







### Appendix 1: Summary of Public Consultation



**Table 22: Consolidated Summary of Consultations**

S. No	Number of Person consulted	Male	Female	Key topics and issues discussed	Outcome
1	288	211	77	<ul style="list-style-type: none"> <li>• Present Water supply scenario of the area.</li> <li>• Subproject components and water supply system</li> <li>• Household connections</li> <li>• Willingness to pay</li> </ul>	The community in general was satisfied with the components identified and assured required support. The people shared that they are willing to pay for the improved water supply services.



**Table 23: Summary of Public Consultations**


Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
1	10.02.2021	Mr. Sohan Singh Mr. Amarjeet Mr. Rishav Thakur Mr. Dharmender Mr. Baljeet Kumar Mr. Hans Raj Mr. Shayam Lal Mr. Bhupender Kumar Mr. Basir Mr. Ishwari Prasad Mr. Hans Raj Kaith Mr. Veer Singh Thakur Mr. Surjeet Sharma Mr. Chaman Rajput Mr. Kirawala Mrs. Hemlata Mr. Hitender Kumar Mr. Amar Nath Mrs. Kanchan	Village Barotiwala	Male: 23 Female: 3 Total: 26	<p>The community consultation was held at Village Barotiwala.</p> <p>Issues raised by public were about the irregular supply of water (once in 2 days – 20 min to 40min), sources drying up causing issues in supply of water in peak summer, leakages of water pipelines.</p> <p>The participants conveyed their support to the project and its benefits. Continuous community consultations will be organized before, during and after execution of the project.</p>	 


Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
2	10.02.2021	Mr. Amar Chand Mr. Baldev Chand Mr. Dhayan Chand Mr. Raja Ram Mr. Husan Chand Mr. Prem Mr. Prem Chand Mr. Kanshi Ram Mr. Bachna Ram Mr. Devi Ram Mr. Gyan Chand Mr. Shyam Lal Mr. Ajmer Singh Mr. Desh Raj Chaudhary Mr. Bhag Singh Mr. Bhagat Ram Chaudhary Mr. Sardara Singh Mr. Gyan Chand Mr. Chinta Kumar Mr. Dev Raj Mr. Jagga Ram Mr. Ruldu Ram Mr. Om Prakash Mr. Kuldeep Singh Mr. Gurdas Mr. Yashpal Mr. Budh Ram Mr. Sukh Ram Mr. Bhajan Lal Mr. Ramesh Mr. Surender Mr. Chaman Lal Mr. Diwan Chand Mr. Balvinder Singh Mrs. Bachaniya Mrs. Kamla Devi Mrs. Kanta Devi Mrs. Pooja Devi Mrs. Jaspreet	Village Landeywal	Male: 41 Female: 13 Total: 54	<p>The community consultation was held at Landeywal Village belonging to kotla Panchayat. The project proposal was also explained to the community members.</p> <p>The issues raised by community were about irregular supply of water, scarcity of water due to unsustainability of water at source. The water is contaminated due to industries in nearby locality, rich amount of calcium and turbidity is found in drinking water, which results into poor health of the community. No treatment plant is available to treat drinking water from source.</p> <p>Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines. The water quality during rainy seasons is also very bad. The community also enquired about the timelines for commencement and completion of the project</p> <p>The participants conveyed their support to the project and its benefits. Continuous community consultations will be organized before, during and after execution of the project.</p>	 



Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
		Mrs. Pinky Mrs. Suresh Kumar Mrs. Raj Rani Mrs. Rita Devi Mrs. Sheela Mrs. Sukhwinder Mrs. Mandeep Kaur				
3	10.02.2021	Mr. Raman Sharma Mr. Ram Sawroop Thakur Mr. Sanjeev Chaudhary Mr. Mahender Pal Mr. Bhaag Singh Mr. Ramlok Mr. Laxman Mr. Shubham Mr. Raj Kumar Mr. Som Nath Mr. Dharam Pal Sharma Mr. Ram Nath Mr. Ram lok Sharma Mr. Patral Thakur Mr. Sanjay Mr. Anish Mr. Hans Raj Mr. Deewan Chand	Damuwala Village	Male: 25 Female: 1 Total: 26	<p>The community consultation was held at Damunwala village.</p> <p>The issues raised by community were about sustainability of water at source during summer. The supply of water is 2. To 2.5 hrs each day and that too on alternate days. Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines. The water quality during rainy seasons is also very bad. Irregular cleaning of tanks and no-proper disinfection were also their major concerns. The community also enquired about the timelines for commencement and completion of the project.</p> <p>Alternative arrangement of water supply, during execution phase would be ensured. The participants conveyed their support to the project and its benefits. Continuous community consultations will be organized before, during and after execution of the project.</p>	 





Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
4	10.02.2021	Mrs. Bachaniya Mrs. Kamla Devi Mrs. Kanta Devi Mrs. Pooja Devi Mrs. Jaspreet Mrs. Pinky Mrs. Suresh Kumar Mrs. Raj Rani Mrs. Rita Devi Mrs. Sheela Mrs. Sukhwinder Mrs. Mandeep Kaur	Landeywal	Male: 5 Female: 13 Total: 18	<p>Consultation with Women Group was carried out, the female community members informed that there is an urgent need of water to their habitations. Majority of the community members store water in their personal tanks and drums since the supply is not regular. The existing pipelines are frequently being broken by the running vehicles. Large amount of calcium gets deposited every 2<sup>nd</sup> week in tanks. Due to industrial area the underground water is contaminated and its consumption without treatment is hazardous to health.</p> <p>The reliable source selection and water demand projections to cater water demand till 2042 was explained. The proposed source and the automation concept were explained to the community. The smart water metering was explained, and community was willing to pay the charges for the frequent and good quality of water supply.</p>	<p>s</p> 
5	11.02.2021	Mrs. Raksha devi Mr. Amar Das Mr. Amar Singh Mr. Tara Dutt Mr. Nitaram Mrs. Anita Mrs. Roop Dei Mrs. Usha Thakur Mrs. Tulsidevi Mrs. Uma Devi Mrs. Manju Devi Mrs. Rama Devi	Gram Panchayat office Chamian	Male: 11 Female: 12 Total: 23	<p>The community consultation was held at Chamian village. At the outset the proposal of SS-1 grid covering the command area of scheme with details of all the major components like source, WTP, MBR and SRs along with its serving habitation was explained to community members.</p> <p>The issues raised by community were about sustainability of water at source during summer. The existing source</p>	



Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
		Mrs. Meera Devi Mrs. Veena Devi Mrs. Kiran Bala Mr. Mohan Pal			serving them was a local spring source whose discharge is not reliable throughout the year. Hence in peak summers the spring dries up causing delays in water supply. Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines. The water quality during rainy seasons is also very bad Alternative arrangement of water supply, if required during execution phase would be ensured. The participants conveyed their support to the project and its benefits.	
6	11.02.2021	Mrs. Savitri Mrs. Nikita Mrs. Reeta Mrs. Binta Mr. Ish Kumar Mr. Durgesh Mr. Ramesh Kumar Mr. Birender Kumar Mr. Deep Kumar Mr. Deepak Mr. Vikas Behal Mr. Ram Singh Mrs. Chanchal Mr. Vipin Gupta Mrs. Banita Verma Mrs. Vandana Khurana Mrs. Priyanka Mrs. Rekha Gupta Mrs. Anita Sharma Mrs. Sunita Devi Mrs. Jyoti Mrs. Shivani Mrs. Arti Mrs. Santosh	G.P. GarkhalSawar and GP GarkhalKasauli	Male: 15 Female: 18 Total: 33	The community consultation was held at GarkhalLarah Village. At the outset the proposal of SS-1 grid covering the command area of scheme with details of all the major components like source, WTP, MBR and SRs along with its serving habitation was explained to community members. The issues raised by community were about extraction of water by certain household more than requirement whichlead to scarcity for some other. Thereforethe community supported the water metering and also advised for slab fixation. The existing source serving them was a local spring source whose discharge is not reliable throughout the year. Hence in peak summers the spring dries up causing delays in water supply. Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines.	


Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
		Mrs. Pooja			<p>The water quality during rainy seasons is also very bad</p> <p>The participants conveyed their support to the project and its benefits.</p>	
7	11.02.2021	Mr. HusanDutt Mrs. Kiran Mrs. Poonam Mrs. Meena Kumari Mr. Mast Ram Mr. Nant Ram Mr. Agya Mrs. Kiran Mrs. Bimla Devi Mrs. Nirmla Mrs. Drompati Mrs. Umapati Mr. Rakesh Thakur Mr. Narinder Kumar Mr. Govind Ram Mr. Virender Kumar Mr. Gopal Singh Mr. Madan Mohan Mr. Laxmi Devi	Village HurangKotla	Male: 17 Female: 10 Total: 27	<p>The community consultation was held at HurangKotla village. At the outset the proposal of SS-10 grid covering the command area with details of all the major components like source, WTP, MBR and SRs along with its serving habitation was explained to community members.</p> <p>The issues raised by community were about sustainability of water at source during summer. The existing source serving them was a local spring source whose discharge is not reliable throughout the year. Hence in peak summers the spring dries up causing delays in water supply. Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines.</p> <p>The water quality during rainy seasons is also very bad. Irregular cleaning of tanks and no-proper disinfection were also their major concerns. The community also enquired about the timelines for commencement and completion of the project.</p> <p>The participants conveyed their support to the project and its benefits. Continuous community consultations will be organized before, during and after execution of the project.</p>	



Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
8	11.02.2021	Prakash ChandMr. Jalam Singh Mrs. Nagu Devi Mr. Rajinder Kumar Mr. Ganga Ram Mr. Rajinder Singh Mr. Ram Chand Mr. Rajinder Kumar Mr. Jeet Ram Mr. Hari Mohan Mr. Pawan Kumar Mr. Lekh Ram Mr. Bhagat Ram Mr. Rakesh Kumar Mr. Gian Chand Mr. Mahender Kumar Mr. Jai Singh Mr. Bal Krishan Mr. Leela Dutt Mr. Amar Mrs. Parveen Kumar Mr. Nagin Chand Mr. Shyam Lal Mr. Hemant Thakur Mr. Laik Ram Mrs Durgawati	Village Bhawguri	Male: 26 Female: 3 Total: 29	The community consultation was held at Bhawguri Village belonging to Deothi Panchayat. The issues raised by community were about irregular supply of water every third day, scarcity of water due to unsustainability of water at source. No of times pump are not able to lift the water due to poor functioning. Other problems stated were leakages of pipes, repairs and maintenance issues in pipelines. The water quality during rainy seasons is also very bad.	
9	11.02.2021	Mr. Tara Chand Mr. Bhagat Ram Kaushal Mr. Maan Singh Mr. Madan Lal Mr. Sawapan Lal Mr. Neem Chand Mahajan Mr. Naresh Kumar Mr. Rajender Kumar Mrs. Vijasa Devi	Village MussalKhana, Gram Panchayat Jangeshu	Male: 12 Female: 2 Total: 14	The community consultation was held at MussalKhana Village belonging to Jhangeshu Panchayat. The issues raised by community were about Turbidity of water, irregular supply of water, scarcity of water due to unsustainability of water at source which get dry during March. No treatment facility available. No of times pumps are not able to lift the water due to poor functioning. The community also enquired about the timelines for	



Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
					commencement and completion of the project The participants conveyed their support to the project and its benefits.	
10	22.9.2021	Voluntary Land Donor Sh. Amer Singh	Virtual	Male:3 Total 3	The virtual consultation with Voluntary Land Donor was carried out. Mr. Amer Singh readily agreed to donate his land and confirmed that he has given signed the NOC for the land. He raised a major concern that water quality and quantity is insufficient to meet daily needs. Hence, this scheme is required. He is donating the land for personal and community benefits.	
11	23.10.2021	Non-titleholder reported at WTP site of LWSS Barotiwala	At Barotiwala	Male - 7	<ul style="list-style-type: none"> <li>Participants indicated support for proposed LWSS, Barotiwala</li> <li>Ready to spare the encroached land.</li> </ul> Demanded replacement cost of affected structures.	

Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
						
12	23.10.2021	Elected Representative of Gram Panchayat, Barotiwala	At Meeting hall of Gram Panchayat, Barotiwala	Male - 7	<ul style="list-style-type: none"> <li>All the proposed component structures are identified within the domain of public/government land.</li> <li>No private land acquisition is required for the proposed LWSS.</li> <li>Participants indicated support for project and showed willingness to pay user charges for improved water supply.</li> <li>Avoid damaging the existing pipelines as there will be chances of damaging the existing water pipelines during project implementation.</li> <li>Timely road restoration in the market area without any delay</li> </ul>	

Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
						
13	23.10.2021	Scheduled Tribes "Gujjar"	At Ex Gram Pradhan Residence	Male - 5	<ul style="list-style-type: none"> <li>• All the proposed component structures are identified within the domain of public/government land.</li> <li>• No private land acquisition is required for the proposed LWSS.</li> <li>• Participants indicated support for project and showed willingness to pay user charges for improved water supply.</li> </ul>	

Sr. No.	Date	Name of Participants	Location/ Gram Panchayat	No of Participants	Discussions	Photographs
						 

## Appendix 2: Attendance Sheets of Public Consultations

### Attendance Sheets of Stakeholders Consultations

#### Public Consultation at Village Barotiwala

*Public Consultation at Barotiwala*

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh

Attendance Sheet – Community Consultation

Zone: *Chimla* Package: *2* Circle: *Solan* District: *Solan*

Grid: *SS 9* Location: *Barotiwala*

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	<i>Sohan Singh</i>	<i>M</i>	<i>Panchayat Member</i>		<i>9816294967</i>	<i>Barotiwala</i>	<i>[Signature]</i>
2.	<i>Amarjeet</i>	<i>M</i>	<i>Contractor</i>	<i>-</i>	<i>9882830749</i>	<i>Barotiwala</i>	<i>[Signature]</i>
3.	<i>Rishov Thakur</i>	<i>M</i>	<i>Own Business</i>	<i>-</i>	<i>9882050002</i>	<i>"</i>	<i>[Signature]</i>
4.	<i>Dharmender</i>	<i>M</i>	<i>Own Business</i>	<i>-</i>	<i>8278844698</i>	<i>"</i>	<i>[Signature]</i>
5.	<i>Baljeet Kumar</i>	<i>M</i>	<i>JSV</i>	<i>JE</i>	<i>8219187165</i>	<i>Budli</i>	<i>[Signature]</i>
6.	<i>Hans Raj</i>	<i>M</i>	<i>JSV</i>	<i>W.T.</i>	<i>9318086235</i>	<i>Barotiwala</i>	<i>[Signature]</i>
7.	<i>Shyam Lal</i>	<i>M</i>	<i>JSV</i>	<i>Fitter</i>	<i>9805290596</i>	<i>"</i>	<i>[Signature]</i>
8.	<i>Bhupender Kumar</i>	<i>m</i>	<i>JSV</i>	<i>Beldar</i>	<i>7008694442</i>	<i>"</i>	<i>[Signature]</i>
9.	<i>Basir</i>	<i>m</i>	<i>JSV</i>	<i>Beldar</i>	<i>8628861677</i>	<i>"</i>	<i>[Signature]</i>
10.	<i>Jshwari Prasad</i>	<i>m</i>	<i>Doctor</i>	<i>+</i>	<i>9805226938</i>	<i>Balyona</i>	<i>[Signature]</i>
11.	<i>Hans Raj Kaurth</i>	<i>M</i>	<i>Prachhar</i>	<i>-</i>	<i>8894616076</i>	<i>Barotiwala</i>	<i>[Signature]</i>
12.	<i>Veer Singh Thakur</i>	<i>M</i>	<i>Numberdar</i>	<i>-</i>	<i>8894817093</i>	<i>"</i>	<i>[Signature]</i>
13.	<i>Surjeet Sharma</i>	<i>M</i>	<i>Own Business</i>	<i>-</i>	<i>9736827003</i>	<i>Bater</i>	<i>[Signature]</i>
14.	<i>Puneet Sharma</i>	<i>m</i>	<i>EE (JSV)</i>	<i>EE</i>	<i>9418011356</i>	<i>Barotiwala</i>	<i>[Signature]</i>
15.	<i>Chaman Keshpur</i>	<i>M</i>	<i>A-E (JSV)</i>	<i>A.E</i>	<i>7084675733</i>	<i>Barotiwala</i>	<i>[Signature]</i>
16.	<i>Huriclas</i>	<i>m</i>	<i>JE (JSV)</i>	<i>JE</i>	<i>7018972194</i>	<i>Barotiwala</i>	<i>[Signature]</i>
17.	<i>Kirawala</i>	<i>F</i>	<i>H.W.</i>	<i>H.W.</i>	<i>9418357901</i>	<i>"</i>	<i>[Signature]</i>
18.	<i>Hemlata</i>	<i>F</i>	<i>H.W.</i>	<i>H.W.</i>	<i>9816853281</i>	<i>"</i>	<i>[Signature]</i>
19.	<i>Hikender Kumar</i>	<i>M</i>	<i>Pile Prachhar</i>	<i>-</i>	<i>9882400032</i>	<i>"</i>	<i>[Signature]</i>
20.	<i>Amar Nath</i>	<i>M</i>	<i>Ex-JSV</i>	<i>Pump Operator</i>	<i>8219970972</i>	<i>"</i>	<i>[Signature]</i>
21.	<i>Koneham</i>	<i>F</i>	<i>H.W.</i>	<i>H.W.</i>	<i>8357674963</i>	<i>"</i>	<i>[Signature]</i>
22.	<i>Abhinav Jain</i>	<i>M</i>	<i>Consultant</i>	<i>EP</i>	<i>9999690677</i>	<i>"</i>	<i>[Signature]</i>
23.	<i>Bhanu Prakash Singh</i>	<i>M</i>	<i>"</i>	<i>"</i>	<i>9882716888</i>	<i>"</i>	<i>[Signature]</i>
24.	<i>Ketan Sonkar</i>	<i>M</i>	<i>"</i>	<i>"</i>	<i>9140003192</i>	<i>"</i>	<i>[Signature]</i>
25.	<i>Sakib Qadri</i>	<i>m</i>	<i>Env. Spec.</i>	<i>ET</i>	<i>7006880047</i>	<i>"</i>	<i>[Signature]</i>
26.	<i>Dr. Poochi Sharma</i>	<i>F</i>	<i>Social Expert Consultant</i>	<i>8313179182</i>	<i>"</i>	<i>"</i>	<i>[Signature]</i>



## Public Consultation at Landeywal

10/2/21

*Public Consultation at Landeywal*

**Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh**

**Attendance Sheet – Community Consultation**

Zone: *Stimla* Package: *2* Circle: *Solan* District: *Solan*

Grid: *SS9* Location: *Landeywal*

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Amar Chandel	M	farmer	Ex-Serviceman IPH	9318284888	Sitalpur	<i>[Signature]</i>
2.	Baldev Singh	M	farmer	-	787656146	Sitalpur	<i>[Signature]</i>
3.	Dhyan Singh	M	labour	-	8580447987	Sitalpur	<i>[Signature]</i>
4.	Raja Ram	M	farmer	-	9805139070	Landeywal	<i>[Signature]</i>
5.	Husan chandel	M	Panchayat	keyman	8894036824	Landeywal	<i>[Signature]</i>
6.	Prem	M	farmer	-	-	Sitalpur	<i>[Signature]</i>
7.	Prem chandel	M	"	-	-	Landeywal	<i>[Signature]</i>
8.	Kanchi Ram	M	"	-	-	Landeywal	<i>[Signature]</i>
9.	Bachan Ram	M	"	-	-	Sitalpur	<i>[Signature]</i>
10.	Dev Ram	M	"	-	9816088345	Sitalpur	<i>[Signature]</i>
11.	Gyan chandel	M	"	-	6230037502	Sitalpur	<i>[Signature]</i>
12.	Shyam Lal	M	"	-	9805292884	Sitalpur	<i>[Signature]</i>
13.	Armer Singh	M	"	-	9805710674	Sitalpur	<i>[Signature]</i>
14.	Devi Raj Chaudhary	M	Ex-UP Backham	-	9418491319	Sitalpur	<i>[Signature]</i>
15.	Bhag Singh	M	Peon	-	9876046759	H/Sandhali	<i>[Signature]</i>
16.	Bhagat Ram Chaudhary	M	Labour class	President	9218000066	Sitalpur	<i>[Signature]</i>
17.	Surdora Singh	M	farmer	-	-	Sitalpur	<i>[Signature]</i>
18.	Gyan chandel	M	farmer	-	9218737246	Sitalpur	<i>[Signature]</i>
19.	Chintan kumar	M	Own Business	-	9318848000	Sitalpur	<i>[Signature]</i>
20.	Dev Raj	M	farmer	-	-	Sitalpur	<i>[Signature]</i>
21.	Jagga Ram	M	"	-	-	Kalyanpur	<i>[Signature]</i>
22.	Rajdev Ram	M	"	-	9882606585	Kalyanpur	<i>[Signature]</i>
23.	Om Prakash	M	"	-	7018613825	Sitalpur	<i>[Signature]</i>

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
24.	Kuldeep Singh	M	Farmer	-	9459753978	Sitalpur	[Signature]
25.	Choudary	M	Labour	-	8219890427	Sitalpur	[Signature]
26.	Yashpal	M	Farmer	-	988885967	Sitalpur	[Signature]
27.	Budh Ram	M	"	-	-	Landeyal	[Signature]
28.	Sukh Ram	M	"	-	9805410084	Sitalpur	[Signature]
29.	Bhajan Lal	M	"	-	8219065791	Landeyal	[Signature]
30.	Ramesh	M	"	-	9805842027	Landeyal	Ramesh
31.	Surender	M	"	-	9805652157	Sitalpur	[Signature]
32.	Chaman Lal	M	"	-	9459424955	Sitalpur	Chaman
33.	Dhyan Chand	M	"	-	7018195926	Sitalpur	Dhyan
34.	Balvinder Singh	M	"	-	827877872	"	[Signature]
35.	Bahniya	F	"	-	-	Sitalpur	[Signature]
36.	Kamla Devi	F	H.W.	-	-	Sitalpur	[Signature]
37.	Kanta Devi	F	H.W.	-	-	Sitalpur	[Signature]
38.	Pooja Devi	F	Student	-	9736242735	Sitalpur	Pooja Devi
39.	Jaspreet	F	Student	-	9816563822	Sitalpur	Jaspreet
40.	Pinky	F	H.W.	-	8219724084	Sitalpur	Pinky
41.	Suresh Kumar	F	H.W.	-	9318843000	Sitalpur	Suresh Kumar
42.	Raj Rani	F	H.W.	-	9816558455	Sitalpur	Raj Rani
43.	Rita Devi	F	H.W.	-	9805230999	Sitalpur	[Signature]
44.	Sheela	F	H.W.	-	-	Sitalpur	[Signature]
45.	Sukhsinder	F	H.W.	-	-	Sitalpur	[Signature]
46.	Mandeep Kaur	F	H.W.	-	7018925066	Shukla	Mandeep Kaur
47.	Chaman Singh	M	A.E.	AE.	7018467573	Barbali	[Signature]
48.	Kuldeep Singh	M	Ant Contm	Outsource	7018402623	Landeyal	[Signature]
49.	Puneet Sharma	M	EE (CSU)	EE	9418011354	Shukla	[Signature]
50.	Ashwin Jais	M	Engineer	-	9999680033	"	[Signature]
51.	Dr. Prachi Sharma	F	Social Specialist	-	6343471102	-	[Signature]
52.	Sakib Qadri	M	Env. Expert	Consultant	7006880047	-	[Signature]
53.	Ketan Sonkar	M	EY	Associate	9999140003192	-	[Signature]
54.	Shamir Khatun	M	EY	Associate	9802756066	-	[Signature]



## Public Consultation at Village Damuwala

10/02/21

*Public Consultation at Damuwala*

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh




Attendance Sheet – Community Consultation

Zone: *Shimla* Package: *2* Circle: *Solan* District: *Solan*

Grid: *SS9* Location: *Damuwala*

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Raman Sharma	M	Driving	—	9936681101	Bater	<i>[Signature]</i>
2.	Ram Suresh Thakur	M	Retired	Ex-Subin	9817171793	Bater	<i>[Signature]</i>
3.	Sangeet Chaudhary	M	Transport	—	982857259	Upper Bater	<i>[Signature]</i>
4.	Mahender Pal	M	Agriculture	—	9816725006	Bater	<i>[Signature]</i>
5.	Bhaag Singh	M	Agriculture	—	9805354396	Bater	<i>[Signature]</i>
6.	Ramlak	M	—	—	858077703	Upper Bater	<i>[Signature]</i>
7.	Umar	M	—	—	—	Upper Bater	<i>[Signature]</i>
8.	Shubham	M	—	—	9816954422	Bater	<i>[Signature]</i>
9.	Raj Kumar	M	—	—	985720901	Bater	<i>[Signature]</i>
10.	Shubham <sup>Son Nadi</sup>	M	—	—	867976790	Upper Bater	<i>[Signature]</i>
11.	Dharm Pal Sharma	M	"	—	9816587116	Upper Bater	<i>[Signature]</i>
12.	Aram Nadi	M	"	—	948453459	Upper Bater	<i>[Signature]</i>
13.	Ramlak Sharma	M	"	—	9882372380	Upper Bater	<i>[Signature]</i>
14.	Pertal Thakur	M	"	—	—	Upper Bater	<i>[Signature]</i>
15.	Sangeet	M	Medical	Helper	9857305113	Upper Bater	<i>[Signature]</i>
16.	Anish	M	Student	—	9736420020	Upper Bater	<i>[Signature]</i>
17.	Baljit Kumar	M	JSV	J.E.	829107165	Baddi	<i>[Signature]</i>
18.	Hans Ar	M	JSV	W.I	9312086255	Bater	<i>[Signature]</i>
19.	Deewan Chandel	M	Agriculture	—	9625827150	Upper Bater	<i>[Signature]</i>
20.	P. Anshu	M	JSV	CE	94180138	Upper Bater	<i>[Signature]</i>
21.	Chaman Singh	M	JSV	A.F.	9816143714	Bater	<i>[Signature]</i>
22.	Dr. Pratik Singh	F	Social Operator	Env. & Social	239347917	Bater	<i>[Signature]</i>
23.	Sakib Qaderi	M	Consultant	Environment	7006880047	Bater	<i>[Signature]</i>



S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
24.	Ketan Sontkar	M	EY, Assistant	—	9740003192		
25.	Bhram. Poudel Singh	M	EY Assistant		988275606		
26.	Abhinav Jain	M	ET		999968007		
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## Public Consultation at Village Chamian

Public Consultation at GP Chamian

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh

Attendance Sheet – Community Consultation

Zone: Shimla Package: 2 Circle: Solan District: Solan

Grid: SS-1 Location: Chamian

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Smt. Raksha Devi	F	H.W.	-	853079821	Bania	Raksha
2.	Amar Das	M	Panchayat	ward member	9418456531	Chamian -2	Amar
3.	Amar Singh	M	farmer	-	9816949490	Chamian -1	Amar
4.	Tara Dutt	M	farmer	-	980817802	Shiva	Tara
5.	Nitaram	M	JSV	Supervisor	9418650250	Bania	Nitaram
6.	Anita	F	Panchayat	ward member	7807704789	Chamian -1	Anita
7.	<del>Roop</del> Dei	F	H.W.	-	9459873681	Chamian -1	Dei
8.	Usha Thakur	F	H.W.	-	2219853686	Chamian -1	Usha
9.	Tulsi Devi	F	H.W.	-	-	Chamian -1	Tulsi
10.	Uma Devi	F	H.W.	-	9459873681	Shiva	Uma
11.	Manju Devi	F	P	-	835096565	-	Manju
12.	Ganesh	F	P-Jee	P-Jee	9418662532	Ganesh	Ganesh
13.	Nie Mahajan	M	J.E	J-E	9418468209	Ganesh	Nie
14.	Sakib Qadri	M	Consultant	Environment Specialist	7006880047	-	Sakib
15.	Dr. Pradipt Kumar	F	Consultant	Senior Specialist	0393429102	-	Dr. Pradipt
16.	Ashwin Jais	M	EY	Associate	9999630672	-	Ashwin
17.	Ketan Sonka	M	EY	Associate	9140003712	-	Ketan
18.	Bhanu Prakash Singh	M	EY	Associate	9882458046	-	Bhanu
19.	Meeta Devi	F	H.W.	-	9894842218	Chamian -1	Meeta
20.	Veena Devi	F	H.W.	-	9816061960	Mandla	Veena
21.	Kiran Bala	F	H.W.	-	980595868	Mundla	Kiran Bala
22.	Mohan Lal	M	Panchayat	Chowkidar	8219523495	Chamian -1	Mohan Lal
23.	Nagresh Kumar	M	JSV	A.E.	8219739779	Shiva	Nagresh



## Public Consultation at Village Garkhal, GarkhalGram Panchayat

- C.P. Garkhal Karsauli

## Public Consultation at Gram Panchayat office - Garkhal Sanaur

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh

Attendance Sheet - Community Consultation

Zone: Shimla Package: 2 Circle: Solan District: Solan

Grid: SS-1 Location: Garkhal

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Savitri	F	H.W	-	9418162018	Garkhal	
2.	Nikita	F	Student	-	-	Karsauli	
3.	Recta	F	H.W	-	9882171637	Karsauli	
4.	Binta	F	H.W	-	9816772804	Karsauli	
5.	Jith Kumar	M	Employee	-	9816257636	Karsauli	
6.	Duggesh	M	Business	-	9418231040	Garkhal	
7.	Ram Singh	M	do	-	91792-51335	Karsauli	
8.	Prakash	M	H.W	-	8850455006	Pun	
9.	Deep Kame	M	Parti	-	980210000	Panna	
10.	Deepak	M	Business	OWNER	9862540721	Garkhal	
11.	VIKAS-BEHL	M	BUSINESS	OWNER	7590079668	GARKHAL	
12.	Ram Singh	M	Farmer	-	94182-28342	Karsauli	
13.	CHAMONAL	F	H.W	-	88941-31931	GARKHAL	
14.	VIPIN GUPTA	M	Govt. Contractor	Owner	8219342208	Garkhal	
15.	Bomika Veen	F	Housewife	-	9418458423	Garkhal	
16.	Vandana Khurana	F	Housewife	-	9318743005	Garkhal	
17.	Priyanka Khurana	F	Housewife	-	9882007030	Garkhal	
18.	Tejendra Gupta	F	Housewife	-	9882407163	Garkhal	
19.	Amrita Sharma	F	Housewife	-	8219785140	Deosi	
20.	Sumita DEVI	F	Housewife	-	9816757779	Lardha	
21.	Jyoti Bel	F	H.W	-	9805909632	Garkhal	
22.	Bel	F	H.W	-	9418351311	Garkhal	
23.	Shilpami	F	H.W	-	9805295116	Garkhal	

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
24.	Anita	F	H.W	-	9857078789	Gorakhpur	Anita
25.	Santosh		H.W		701889869	"	Santosh
26.	Pooja		H.W		8219379439	Nalanda	Pooja
27.	N.C. Mahajan	M	Senior	J.E	9418468209	Gorakhpur	N.C. Mahajan
28.	Naresh Kumar	M	Sr/Senior	A.E.	8219739779	D/Pur	Naresh Kumar
29.	Sakib Qadri	M	Consultant	Environment Expert	7006880047		Sakib Qadri
30.	Dr. Prachi'shore	F	Consultant	Social Specialist	6393479487	-	Dr. Prachi'shore
31.	Abhinav Jain	M	consultant	EY	9922180678	-	Abhinav Jain
32.	Ketan Sonkar	M	EY	Associate	9140003192	-	Ketan Sonkar
33.	Bhannu Pradeep Singh	M	EY	Associate	9882756066	-	Bhannu Pradeep Singh
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## Public Consultation at Village Hurang Kotla

11/2/22

*Public Consultation at Hurang Kotla*



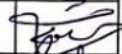

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh

Attendance Sheet – Community Consultation

Zone: *Shimla* Package: *2* Circle: *Solan* District: *Solan*

Grid: *SS-1* Location: *Hurang Kotla*

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Husan Datt	M	Farmer	—	889432336	Khang	<i>Husan Datt</i>
2.	Kishan	FM	ward Member	—	9805671293	Shillay	<i>Kishan</i>
3.	Poonam	FM	"	—	827976795	Gundol	<i>Poonam</i>
4.	मीनाकुमारी	FM	Housewife	—	980577643	Khang	<i>मीनाकुमारी</i>
5.	MAST RAM	M	Former	—	981698243	Khang	<i>MAST RAM</i>
6.	Nand Ram	M	Farmer	—	941682998	Hurang	<i>Nand Ram</i>
7.	Himanshu	M	Farmer	—	98162278	Khang	<i>Himanshu</i>
8.	Aggarwal	M	Farmer	—	82198-84781	Khang	<i>Aggarwal</i>
9.	Kishan	FM	Housewife	—	98161-69312	Poonam	<i>Kishan</i>
10.	विमला देवी	FM	"	—	9186-19278	Poonam	<i>विमला देवी</i>
11.	विमला	FM	"	—		"	<i>विमला</i>
12.	विमला	FM	"	—	98056-75517	"	<i>विमला</i>
13.	Omavati	FM	"	—		"	<i>Omavati</i>
14.	Rakesh Thakur	M	Former	—	941890662	Khang	<i>Rakesh Thakur</i>
15.	NARINDER KUMAR	M	Business Man	—	980561201	Khang	<i>NARINDER KUMAR</i>
16.	Govind Ram	M	Wardmember	—	88946-93788	Khang	<i>Govind Ram</i>
17.	Virender Kumar	M	"	—	9817583039	Kanda	<i>Virender Kumar</i>
18.	GOPAL Singh	M	Agricultur	VP. Poonam	9816595992	Kanda	<i>GOPAL Singh</i>
19.	Madan Mohan Mehta	M	Agrocelce	Nice Chair man BDC	981637879	Khang	<i>Madan Mohan Mehta</i>
20.	Laxmi DEVI	FM	Agricultur	Poonam	941837220	Gandol	<i>Laxmi DEVI</i>
21.	Nic Mahajan	M	Service	J.E.	941846825	Gandol	<i>Nic Mahajan</i>
22.	Naroh Kumar	M	Ant Service	A.E.	821973977	Pur	<i>Naroh Kumar</i>
23.	Sakib Qadri	M	Consultant	Env. Expert	7006880047		<i>Sakib Qadri</i>

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
24.	Dr. Prachi Shree	F	Consultant	Social Expert	83934 210	-	
25.	Abhinav Jais	M	Consultant	ET	9999610678	-	
26.	Ketan Sonkar	M	ET	Associate	914000371	-	
27.	Bhanu Pratap Singh	M	ET	Associate	9882715666	-	
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## Public Consultation at Village Bhawguri, Bhawguri Gram Panchayat

**Public Consultation at Gram Panchayat Bhawguri**

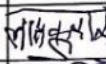
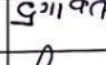



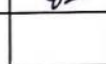
**Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh**

**Attendance Sheet – Community Consultation**

Zone: Shimla Package: 2 Circle: Solan District: Solan

Grid: SS-1 Location: Bhawguri

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Jalam Singh	M	HPP Govt Job	Head Constable	9418734401	Bhawguri	[Signature]
2.	Smt Nagu Devi	F	M.W.	—	8894275297	Bastra	[Signature]
3.	Rajinder Kumar	M	Farmer	—	8988178182	Bani	[Signature]
4.	Ganga Ram	M	—	—	9418743210	Banah	[Signature]
5.	Rajinder Singh	M	Contractor	—	9418092472	Chamakuli	[Signature]
6.	Ram Chand	M	Formar	—	98055839	Manghyary	[Signature]
7.	Rajinder Kumar	M	Formar	—	8988179074	Bastra	[Signature]
8.	Jeet Ram	M	Formar	—	9459422118	Sangrah	[Signature]
9.	Hari monan	M	Formar	—	9817926733	Bhawguri	[Signature]
10.	Pawan Kumar	M	Farmer	—	9418743537	Chamakuli	[Signature]
11.	Jeet Ram	M	Farmer	—	9418555539	Manghyary	[Signature]
12.	Bhagat Ram	M	Farmer	—	94591-58228	Gahar	[Signature]
13.	Rakesh Kumar	M	Farmer	—	98171-07476	Auda	[Signature]
14.	Gian Chand	M	Farmer	—	889456210	Auda	[Signature]
15.	Mahendrakum	M	Farmer	—	9418510924	Bani	[Signature]
16.	Jai Singh Thakur	M	Farmer	—	9816082335	Gahar	[Signature]
17.	Baldev Singh	M	Farmer	—	9418336741	Banah	[Signature]
18.	Jeet Datta	M	Farmer	—	9882953397	Manghyary	[Signature]
19.	Anar Lal	M	Farmer	—	9418230465	Singh	[Signature]
20.	Raveen Kumar	M	Farmer	—	8894021158	Banah	[Signature]
21.	Nagin Chand	M	—	—	988216093	Chamakuli	[Signature]
22.	Shyam Lal	M	—	—	7042693355	Singh	[Signature]
23.	Shamant Thakur	M	—	—	9888659383	Chamakuli	[Signature]

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
24.	Like Ram	M	Farmer	-	-	Bukib	
25.	Durgemati	F	Pracham	-	9805304099	Bhaguri	
26.	Dr. Pradev Sharma	F	Social Specialist	Consultant	639317112	-	
27.	Ketan Sonkar	M	Ex. Associate	Consultant	914000392	-	
28.	Sakib Qadri	M	Consultant	Environment Specialist	7006880047	-	
29.	Ghanu Prady Singh	M	ET	ET	9882756066	-	
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## Public Consultation at Village Mussalkhanna, JangeshuGram Panchayat

**Public Consultation at Jangeshu**

**Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh**

**Attendance Sheet – Community Consultation**

Zone: Shimla Package: 2 Circle: Solan District: Solan

Grid: SS-1 Location: Jangeshu (Kasauli) Plole - Mussalkhanna

S.No.	Name	Gender	Occupation	Designation	Mobile. No.	Village	Sign
1.	Turo Chand	M	JSV	Helper	9817355584	Mussalkhanna	[Signature]
2.	Bhagat Ram Kaurhal	M	Panchayat member	Ward member	8219610332	Tibra	[Signature]
3.	Man Singh	M	Farmer	-	9459220719	Shilukhalan	[Signature]
4.	Mudan Lal	M	Own business	-	9805241077	Tiron	[Signature]
5.	Sundar Lal	M	Farmer	-	9818734400	Thang	[Signature]
6.	Neesmchand Mahajan	M	JSV	J-E	948468209	Castro	[Signature]
7.	Naveesh Kumar	M	JSV	A.E.	8219739779	A/PW	[Signature]
8.	Rajender Kumar	M	Panchayat	-	9882404276	Pr	[Signature]
9.	Vijay Dew	F	Jangeshu	-	8278758	Vijay Dew	[Signature]
10.	Sakib Qadri	M	Consultant	Env Expert	7006880047	-	[Signature]
11.	Dr. Prachi Sharma	F	Consultant	Social Expert	639347982	-	[Signature]
12.	Abhinav Jain	M	Consultant	EY	9777680178	-	[Signature]
13.	Ketan Sonkar	M	Consultant	EY	9140003192	-	[Signature]
14.	Bhanu Prakash Singh	M	EY	Assistant	9882718066	-	[Signature]
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## Focused Group Discussion at Village Landeywal

Site Visit for Environment and Social Safeguard Documents for Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000 Himachal Pradesh						
Attendance Sheet – Focused Group Discussion						
Zone: Shimla		Package: 2		Circle: Solan		District: Solan
Grid: SS9		Location: Landeywal				
S.No.	Name	Gender	Occupation	Mobile. No.	Village	Sign
1.	Bachaniya	F	Farmex.	—	Sitalpur	[Signature]
2.	Kamla Devi	F	H.W.	—	Sitalpur	[Signature]
3.	Kanta Devi	F	H.W.	—	Sitalpur	[Signature]
4.	Pooja Devi	F	Student	9736242735	Sitalpur	Pooja Devi
5.	Jaspreet	F	Student	9816563832	Sitalpur	Jaspreet
6.	Pinky	F	H.W.	8219724084	Sitalpur	Pinky
7.	Suresh Kumari	F	H.W.	93188843000	Sitalpur	Suresh Kumari
8.	Raj Rani	F	H.W.	—	Sitalpur	[Signature]
9.	Ritu Devi	F	H.W.	—	Sitalpur	[Signature]
10.	Sheela	F	H.W.	—	Sitalpur	[Signature]
11.	Gukhinder	F	H.W.	—	Sitalpur	[Signature]
12.	Mandeep Kaur	F	H.W.	—	Sitalpur	Mandeep Kaur
13.	Abhinav Jauri	M	ASSURANCE CONSULTING	—	Sitalpur	[Signature]
14.	Puneet Sharma	M	EE (JSV)	9418011356	Sitalpur	[Signature]
15.	Dr. Prachi Sharma	F	Social Specialist	639347907	—	[Signature]
16.	Sakshi Odedra	F	Environment Specialist	7006880047	—	[Signature]
17.	Chaman Rajput	M	AB	7018467573	Badli	[Signature]
18.	Ketan Sonkar	M	SY. Asst.	9140003112	—	[Signature]
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**Consultation with Non-titleholder reported at Identified Site of Proposed WTP & Pump House under LWSS Barotiwala**

Package No: SZ03 → Grid SS-9				
Name of District: Solan		Name of Village/Panchayat: Barotiwala		
Name of Place: Barotiwala		Date of Consultation: 22/10/2021		
Sl. No.	Name of Participant	Designation/Occupation	Contact Number	Signature
1	1	2	3	4
1	Sat Ram Singh	Lab	9816024666	[Signature]
2	GURMEET	SHDP	9736255285	[Signature]
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## Consultation Held with Elected Body of Gram Panchayat, Barotiwala

Package No: SZ03/SS-9				
Name of District: Solan		Name of Village/Panchayat: Barotiwala		
Name of Place: Barotiwala		Date of Consultation: 23/10/2021		
Sl. No.	Name of Participant	Designation/Occupation	Contact Number	Signature
1	Hans Raj	Panchayat Sarpanch Barotiwala	8894616096	[Signature]
2	मीमा देवी	member ward No - 10	9805106075	मीमा देवी
3	Amarjeet Kaur	member ward No - 7	9816299967	अमरजीत कौर
4	Nimula Devi	ward No. 9	8627853540	Nimula Devi
5	कमल	वार्ड = 3	8351074083	कमल
6	मीरम देवी	वार्ड = 1	9418065347	मीरम देवी
7	AMRIT PAL SINGH	WARD NO - 6	7018086996	[Signature]
8	DEEPAK	WARD NO - 8	9816004826	[Signature]
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# Consultation with Scheduled Tribes "Gujjar" residing at Landeywal/Sheetalpur

HINDU GUJJAR

Package No: \_\_\_\_\_

Name of District: SOLAN Name of Village/Panchayat: HARIPUR SANDOLI

Name of Place: LANDEY WAL SHEETALPUR Date of Consultation: 23/10/2021

Sl. No.	Name of Participant	Designation/Occupation	Contact Number	Signature
1	DevirAM	Ex-Vice President	9418060092	<i>DevirAM</i>
2	Ajmer Singh	Resident Dairy	9805710674	<i>AJMER</i>
3	DIVOTOSH	Dairy	9894860400	<i>CAWON</i>
4	Premchand	Agricultural		
5	Sukhramji	Agricultural	98054	
6	Ex-Member	Dairy	10084	<i>HTJH</i>
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### Appendix 3: Status of Land Records

#### (A) Land in Ownership of Revenue Department

##### GRID SS-1

Initiation Letter regarding the transfer of Revenue Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG

No. JSDS-CB-WA-II-Land Acquisition/2021 1106-07 dated :- 25/2/2021

To

Tehsildar  
Kasauli

Subject:- Issue of Tatima & Jamabandi of existing & proposed Main Balancing Reservoirs of various schemes

In the above context, it is intimated that Jal Shakti vibhag has proposed two nos water supply schemes for kasauli constituency. The A/A&E/S of both schemes has been accorded as follows.

1. Providing WSS to various villages under kasauli constituency for Gori River in Tehsil Kasauli Distt. Solan HP. Administrative approval & Expenditure Sanctioned vide Secretary (JS) letter No IPH-B(F)3-2/2018 dated 8/02/2021 amounting to Rs. 56.51 crores. Under JJM
2. Aug. of LWSS Satyana Shiva, LWSS Garkhal Larah, LWSS Sunardi Anji, LWSS Gorthi, LWSS Seri Thana, GWSS Kasauli, GWSS Jangeshu, GWSS Jhanger, LWSS Hurang Kotla, LWSS Bhaguri Distt. Solan H.P. Administrative approval & Expenditure Sanctioned vide Secretary (JS) letter No IPH-B(F)5-8/2018 - Loose dated 16/01/2021 amounting to Rs. 37.033 crores. (SS-1 and SS-10) Under ADB.

To construct the new MBR (Main Balancing Reservoir) and to renovate the old MBR. It is mandatory to acquire the land as per guidelines. The detail of storage tank is as under.

S.No	Proposed /Existing Storage tank	Khasra No/Mohal/Mouja	Area required
1	Proposed Pump House at Dharampur	Khasra no -4, reserve jungle 33 Gulhari	2500 sqm (3 Bigha)
4	Proposed MBR Garkhal Larah	Khasra no -1413/1228 Near ITI Garkhal	169 sqm
5	Proposed MBR Bادها	Khasra No 506	64 sqm
6	Proposed MBR Chabal	Khasra No-1, mohal Chabal	81 sqm
8	Proposed MBR Jhanger	Khasra No 604, Mouja Thandu	64 sqm
9	Proposed MBR Seri Thana	Khasra No D239	81 sqm
11	Proposed MBR Sunardi Anji	Khasra No 1, Mohal Chabal	81 sqm
13	Proposed MBR Shiller	Khasra No 220/218/49	64 sqm
14	Proposed MBR Hurang Combined	Khasra No 573, Mohal Hunrag Near ITI Kanda	81 sqm
15	Proposed MBR Jangeshu	Khasra No 178	81 sqm
16	Proposed MBR Jhanger -2	Khasra No 604/458	81 sqm
17	Proposed MBR Jhanger -3	Khasra No 604	81 sqm
18	Proposed MBR Bhaguri	Khasra No 109	81 sqm

It is therefore requested to provide Tatima, Jamabandi, Field book of above said land so that process of land transfer may be proceed

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

Copy to Executive Engineer Jal Shakti Division Solan for information.

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

## Initiation Letter regarding the transfer of Revenue Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG

No. JSSD-D/Pur-Land Transfer/2020/835-36 Dated:-29/12/2020

To

The Deputy Commissioner,  
Distt. Solan H.P.

Subject:- Regarding transfer of Government land in favor of Jal Shakti Department for the construction of Service Reservoir , MBR and Pump Houses etc. in Tehsil Solan and Kasauli Distt. Solan (H.P.).

In this context, it is submitted that this department has proposed to construct a Service Reservoir, MBR , Pump Houses etc. for Water Supply Scheme from Giri River to the population of Kasauli constituency which is situated in village Bigad ,Mohal Bohli ,Tehsil Solan and village Shilly Kalan Tehsil Kasauli. The requirement of Jal Shakti Vibhag is as under:-

S.No	Tehsil	Village	Mohal	Khasra No.	Requiremnet in Sqm
1	Solan		Bigad	901	1500 Sqm
2	Kasauli		Gulaharu	1	150 Sqm

It is therefore requested that above said land may kindly be transferred in favour of Jal shakti Vibhag so as to enable this office to construct a service reservoir , MBR ,Pump House for water supply scheme Providing LWSS to various villages in Kasauli constituency from Giri River in Tehsil Kasauli Distt. Solan.

DA:- As above

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

Copy to the Executive Engineer , Jal Shakti Division ,Solan for kind information and necessary action please.

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

## Initiation Letter regarding the transfer of Revenue Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG

No. JSSD-D/Pur-Land Transfer/ 2021-933-34      Dated:- 16-01-2021

50

The Deputy Commissioner,  
Distt. Sirmour H.P.

Subject:- Regarding transfer of Government land in favor of Jal Shakti Department for the construction of Pump House , WTP and Service Reservoir in Tehsil Rajgarh Distt. Sirmour (H.P.).  
correction in previous letter under reference.

Reference:- Previous letter No. JSSD-D/Pur-Land Transfer/2020/837-38 Dated:-29/12/2020

In this context, it is submitted that this department has proposed to construct a Service Reservoir, MBR , Pump Houses etc. for Water Supply Scheme from Giri River to the population of Kasauli constituency which is situated in village Maryog in Tehsil Rajgarh . The requirement of Jal Shakti Vibhag is as under, correction in previous area requirement

S.No	Tehsil	Village	Mohal	Khasra No.	Requiremnet in Sqm
1	Rajgarh		Kotla barog	6	6300 Sqm

It is therefore requested that above said land may kindly be transferred in favour of Jal shakti Vibhag so as to enable this office to construct a Pump House , WTP and Service Reservoir for water supply scheme , Providing LWSS to various villages in Kasauli constituency from Giri River in Tehsil Kasauli Distt. Solan.

DA:- As above

% Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

Copy to the Executive Engineer , Jal Shakti Division ,Solan for kind information and necessary action please.

% Assistant Engineer  
Jal Shakti Sub Division  
Dharampur



## Initiation Letter regarding the transfer of Revenue Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG  
No. JSSD-D/Pur-Land Transfer/2020/837-38

Dated:-29/12/2020

To

The Deputy Commissioner,  
Distt. Sirmour H.P.

Subject:- Regarding transfer of Government land in favor of Jal Shakti Department for the construction of Pump House , WTP and Service Reservoir in Tehsil Rajgarh Distt. Sirmour (H.P.).

In this context, it is submitted that this department has proposed to construct a Service Reservoir, MBR , Pump Houses etc. for Water Supply Scheme from Giri River to the population of Kasauli constituency which is situated in village Maryog in Tehsil Rajgarh . The requirement of Jal Shakti Vibhag is as under:-

S.No	Tehsil	Village	Mohal	Khasra No.	Requiremnet in Sqm
1	Rajgarh		K=H Bary	6	150 Sqm

It is therefore requested that above said land may kindly be transferred in favour of Jal shakti Vibhag so as to enable this office to construct a Pump House , WTP and Service Reservoir for water supply scheme , Providing LWSS to various villages in Kasauli constituency from Giri River in Tehsil Kasauli Distt. Solan.



DA:- As above

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

Copy to the Executive Engineer , Jal Shakti Division ,Solan for kind information and necessary action please.

Assistant Engineer  
Jal Shakti Sub Division  
Dharampur

**(B) Land in Ownership of Cantonment Board****No Objection Certificate (NOC) from Cantonment Board**

	<b>Office of the Cantonment Board Kasauli</b> कार्यालय छावनी परिषद कसौली <b>Ministry of Defence, Govt Of India</b> रक्षा मंत्रालय, भारत सरकार Office of the Cantonment Board Kasauli, Solan, HP-173204 Email-id: ceokasa-stats@nic.in Website: cbkasauli.org Phone: 01792-273029, Fax: 01792-272029	
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पत्र संख्या/सीबीके/विविध/1(KJ)/- 539 20 अप्रैल . 2021

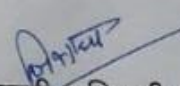
प्रेषित ✓

The Assistant Engineer  
Jal Shakti Sub-Division,  
Dharampur(H.P)

**विषय: - Regarding Consent/NOC for construction of LWSS from Giri River to Kasauli Area in Tehsil Kasauli Distt. Solan H.P.( C/O Storage tank and laying of pipes in Cantt area).**

Reference your letter No.JS-SD-Dharampur-WSS/2020 1370-71 dated 31.03.2021.

In this connection this office has already intimated vide this office letter no. सीबीके/विविध/1(KJ)/-1078 dated 06.10.2020 that Canotnmment Board Kasauli is agreed in principle for the augmentation of water supply scheme to the Cantt Board Kasauli. In this regard the consent/NOC for the construction of storage tank above Cantt Board Office on Class-C land on Sy. No. 84 will be accorded subject to the sanction of the project from the Competant Authority.

  
 मुख्य अधिशासी अधिकारी, कसौली  
 (जिज्ञासा राज)

**Copy to :-**

1). The Excutive Engineer,  
Jal Shakti Circle, Solan : for information.

**(C) Land in Ownership of Forest Department**

Initiation Letter regarding the transfer of Forest Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG


No:-JSD-Solan-ADB/2021- **626-27** Dated:- **19/4/21**  
To

The Divisional Forest Officer,  
Solan, Distt.Solan( HP)


Subject:- Providing LWSS to Kasouli Area from Giri River Tehsil  
Kasauli.Distt.Solan HP (SH:-Regarding transfer of forest land in  
the name of Jal Shakti Vibhag .

In this connection it is intimated that this deptt.is going to  
construct LWSS to Kasauli area and its adjoining villages from Giri River. The A/A&  
E/S of the same has been accorded vide Secretary (JS) letter No.IPH-B(F)V-8/2018-  
Loose dated 16.01.2021 amounting to Rs.37.33 Crore under ADB. It is also intimated  
that this department is constructing 2 Nos. storage tank and 1 No. Pump House in which  
total land i.e. 225.15 Sqmt. is required near Moti Kona G.P. Hurang and its surrounding  
areas in forest land **33-Gulhari Jungle**.

It is, therefore, requested to kindly transfer the aforesaid land in  
the name of Jal Shakti Vibhag immediately.

  
Executive Engineer,  
Jal Shakti Division,  
Solan.

Copy to the Assistant Engineer, Jal Shakti Sub Division, Dharampur  
for information.

  
Executive Engineer,  
Jal Shakti Division,  
Solan.

## GRID SS-9

## (D) Land in Ownership of Revenue Department

Initiation Letter regarding the transfer of Revenue Land

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG

NO. JSD-NLG-DB-NDB- /2020-  
To 19507-10 Dated:- 27/2/2021

The Deputy Commissioner,  
Solani, District Solan (HP)

**Subject: -** Regarding transfer of Govt. Land in favour of Jal Shakti Department for Drilling of Tubewell, Construction of Water Treatment Plant, source and pump house etc in various Panchayat in Tehsil Baddi, District Solan H.P.

**Sir,**

In this context it is submitted that this department has proposed to construct the 5 Numbers water supply schemes under ADB programme in Doon constituency of Tehsil Baddi, District Solan (HP). The detail of land required for construction is as under:-

S.No	Scheme Name	Proposed Components	Coordinates	Area Required (Sqm)/ Dimensions	Khasara No	Ownership of land lies with (Private/Govt./ JSV/Forest)
SS-9						
1	LWSS Dumanwala	Proposed Tubewell	30°59'16.62"N 76°46'12.09"E	200 mm dia and 125m deep	328/322/280	HP Govt. Land
2		Proposed WTP Dumanwala	30°59'18.00"N 76°46'12.70"E	675	328/322/280	HP Govt. Land
3		Proposed PH Dumanwala	Same campus of WTP		328/322/280	HP Govt. Land
4		Proposed SR Dumanwala	31° 0'3.38"N 76°46'54.08"E	64	515/505/280	HP Govt. Land
5		Proposed SR Jatti Majra	31° 0'25.43"N 76°46'58.80"E	100	61	HP Govt. Land
6		Proposed SR Basolan	31° 0'57.87"N 76°46'50.43"E	81	46	HP Govt. Land
7	LWSS Landeywall	Proposed Tubewell	30°55'18.70"N 76°47'19.00"E	200 mm dia and 90 m deep	63	HP Govt. Land
8		Proposed WTP Landeywall	30°55'18.64"N 76°47'18.77"E	325	63	HP Govt. Land
9		Proposed PH Landeywall near WTP	Same campus of WTP		63	HP Govt. Land
10		Proposed Stage 2 PH	30°55'27.99"N 76°46'40.09"E	63.15	1699/111/362	HP Govt. Land
11		Proposed SR Sitalpur (Staging - 15 m)	30°55'8.15"N 76°46'45.40"E	81	217	HP Govt. Land
12		Proposed SR Landeywall	30°55'24.94"N 76°46'26.36"E	81	63	HP Govt. Land



13	LWSS Amroo Bawasni	Proposed Tubewell Amroo Bawasni	31° 00' 11.8"N 76° 44' 08.07E	200 mm dia and 125m deep	223	HP Govt. Land
14		Proposed WTP Amroo Bawasni	30° 59' 59.23"N 76° 44' 23.94"E	445	223	HP Govt. Land
15		Proposed PH Amroo Bawasni	Same campus of WTP		223	HP Govt. Land
16		Proposed PH Stage-1	31° 2' 26.73"N 76° 47' 26.40"E	48	509 Min	HP Govt. Land
17		Proposed PH Stage-2	31° 2' 24.47"N 76° 48' 2.48"E	48	509 Min	HP Govt. Land
18		Proposed MBR Amroo	31° 2' 12.56"N 76° 48' 38.74"E	64	304	HP Govt. Land
19		Proposed MBR Banera	31° 1' 42.23"N 76° 48' 23.86"E	64	272	HP Govt. Land
20		Proposed SR Amroo	31° 2' 17.21"N 76° 48' 33.56"E	81	373	HP Govt. Land
21		Proposed SR Bawasni (Staging - 20 m)	31° 2' 13.03"N 76° 48' 49.19"E	81	376	HP Govt. Land
22		Proposed SR Kolka	31° 1' 39.18"N 76° 47' 6.79"E	64	248 Min	HP Govt. Land
23	LWSS Barotiwala	Proposed WTP Barotiwala	30° 54' 14.38"N 76° 50' 26.95"E	885	154/198	HP Govt. Land
24		Proposed SR Damuwala (Staging - 15 m)	30° 55' 13.67"N 76° 51' 34.36"E	144	890	HP Govt. Land
25	LWSS Mandhala	Proposed T/well	30° 53' 54.53"N 76° 52' 14.64"E	200 mm dia and 125m deep	1324/1	HP Govt. Land
26		Proposed SSF-Mandhala	30° 53' 50.13"N 76° 52' 23.09"E	485	1324/1	HP Govt. Land
27		Proposed PH-Mandhala				
28		Proposed SR Mandhala	30° 54' 6.76"N 76° 52' 45.37"E	100	1713/1697	HP Govt. Land
29		Proposed PH Mandhala-2	30° 54' 40.76"N 76° 51' 28.97"E	48	459	HP Govt. Land
30		Proposed SR Surajpur	30° 55' 2.43"N 76° 52' 38.21"E	81	723	HP Govt. Land

It is therefore requested that the land may kindly be transferred to the Jal Shakti Vibhag so that the work could be started at the earliest possible.

Executive Engineer,  
Jal Shakti Division, Nalagarh

Copy to the Superintending Engineer, Jal Shakti Circle, Solan for information please.

Copy to the Assistant Engineer Jal Shakti T/Well Sub Division, Baddi & Tube Well Sub Division

Nalagarh for information and necessary action.

Executive Engineer,  
Jal Shakti Division, Nalagarh

**(E) Consents for Gram Panchayats for Implementation Works**

S. No.	Grid	Name of Scheme	Name of Gram Panchayat *	Availability of Land Records/ No Objection Certificate	Involuntary Resettlement Impact
1	SS-1	WSS Satyana Shiva	Chamian	Yes	Nil
2			Jagjit Nagar	Yes	Nil
3			Ganol	Yes	Nil
4			Kotbeja	Yes	Nil
5			GarkhalSanavar	Yes	Nil
6		WSS GarkhalLarah	GarkhalSanavar	Yes	Nil
7			GarkhalKasauli	Yes	Nil
8			Ganol	Yes	Nil
9		WSS Gorthi	Hurang	Yes	Nil
10			GarkhalSanavar	Yes	Nil
11		WSS Jangeshu	Jangeshu	Yes	Nil
12		WSS Bhaguri	Bhaguri	Yes	Nil
13		WSS Jhanger	Kotbeja	Yes	Nil
14		WSS HurangKotla	Hurang	Yes	Nil
15		WSS Kasauli	GarkhalKasauli	Yes	Nil
16		WSS Seri Thana	Kati Namb	Yes	Nil
17		WSS Sunaradi Anji	Kot	Yes	Nil
18	SS-9	WSS Dumanwala	Lodi Majra	Yes	Nil
19			Nandpur	Yes	Nil
20		WSS Barotiwala	Barotiwala	Yes	Nil
21		WSS Mandhala	Mandhala	Yes	Nil
22		WSS AmrooBaswani	Baswani	Yes	Nil
23		WSS Landeywall	Sandholi	Yes	Nil



**GRID- SS-1, WSS Satyana Shiva  
Gram Panchayat: Jagjit Nagar**

**Consent from Gram Panchayat**

We the residents of Jagjit Nagar Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

**उप-प्रधान**  
ग्राम पंचायत जगजीत नगर  
जिला सोलन (हि.प्र.)

Gram Pradhan

\_\_\_\_\_ Panchayat

\_\_\_\_\_ District  
(Sign and stamp)

**Executive Engineer**

**Executive Engineer**  
**Jal Shakti Division Solan (H.P.)**  
Division  
Jal Shakti Vibhag  
(Sign and Stamp)



**GRID- SS-1, WSS Satyana Shiva and WSS Garkhallarah  
Gram Panchayat: Ganol**

**Consent from Gram Panchayat**

We the residents of Ganol Gram Panchayat, District  
Solan, Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
commissioned prior 01.01.2000.



Gram Pradhan

हस्ताक्षर Bhadra Panchayat  
दिनांक 11/11/2021

\_\_\_\_\_ District  
(Sign and stamp)

*[Handwritten signature]*

*[Handwritten signature]*  
Executive Engineer  
Jal Shakti Division Solan (H.P.)

\_\_\_\_\_ Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS Satyana Shiva and WSS Jhanger  
Gram Panchayat: Kot Beja**

**Consent from Gram Panchayat**

We the residents of Kotbeja Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

Gram Pradhan

परम देवी

प्रधान पञ्चायत कोट-बेजा,  
जिला सोलन (हि.प्र.)

Panchayat Kotbeja

(Sign and stamp)

District

Solan

Executive Engineer

Executive Engineer  
Jal Shakti Division Solan (H.P.)

Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS GarkhalLarah and WSS Kasauli  
Gram Panchayat: GarkhalKasauli**

**Consent from Gram Panchayat**

We the residents of Garkhal Kasauli Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

पंचायत Madhu  
ग्राम पंचायत गर्कहाल-कासौली  
Gram Pradhan विकास स्वर्ण धर्मपुर  
जिला सोलन हि.प्र. Panchayat

\_\_\_\_\_  
(Sign and stamp) District

SS NA  
Executive Engineer  
Executive Engineer  
Jal Shakti Division Solan (H.P.)

SS  
\_\_\_\_\_  
Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS Sunaradi Anji  
Gram Panchayat: Kot**

Consent from Gram Panchayat

We the residents of Kot Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.



Gram Panchayat Kot Panchayat

हस्ताक्षर [Signature] District  
(Sign and Stamp) [Stamp]

**Assistant Engineer  
Jal Shakti Sub. Division  
Dharampur (H.P.)**

[Signature]  
Executive Engineer

Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS Gorthi and WSS HurangKotla  
Gram Panchayat: Hurang**

**Consent from Gram Panchayat**

We the residents of Hurang Gram Panchayat, District  
Solan, Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
commissioned prior 01.01.2000.



Gram Pradhan

Panchayat

District

(Sign and stamp)

हस्ताक्षर  
दिनांक 31/12/2020

✓

Executive Engineer  
**Executive Engineer**  
**Jal Shakti Division Solan (H.P.)**

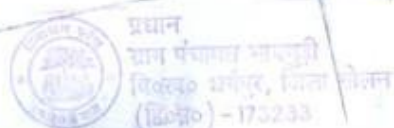
Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS Bhaguri**  
**Gram Panchayat: Bhaguri**

**Consent from Gram Panchayat**

We the residents of Bhaguri Gram Panchayat, District  
Solan, Himachal Pradesh, have no objection for laying of water supply  
 pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
 water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
 commissioned prior 01.01.2000.

Gram Pradhan



18.12

Panchayat Bhaguri

(Sign and stamp)

District

Executive Engineer

als. Executive Engineer  
 Jal Shakti Division Solan (H.P.)  
 Division  
 Jal Shakti Vibhag  
 (Sign and Stamp)



GRID- SS-1, WSS Jangeshu  
Gram Panchayat: Jangeshu

प्रेषक :  
कार्यालय  
गाम पंचायत, जंगेशु.  
विकास स्वण्ड धर्मपुर, तह0 कसौली  
जिला सोलन, हिमाचल प्रदेश

प्रेषित : .....

क्रमांक ...01/2021... दिनांक ...02.01.2021...

*Consent from Gram Panchayat*

We the resident of Gram Panchayat Jangeshu, Distt Solan, Himachal Pradesh, have no objection for laying of water supply pipeline through our land and we undertake to co-operate during execution of the laying of water supply pipelines under renovation and remodelling of Rural water supply scheme commissioned prior 01.01.2000.

प्रधान *Malki*  
गाम पंचायत जंगेशु  
वि. स्त्र. धर्मपुर, जिला सोलन

Executive Engineer  
Jal Shakti Division Solan (H.P.)


21/1/2021




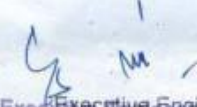
**GRID- SS-1, Pipe Laying/ WSS Garkhallarah  
Gram Panchayat:Nahari**


**Consent from Gram Panchayat**

We the residents of Nahari Gram Panchayat, District  
Solan, Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
commissioned prior 01.01.2000.

  
Gram Pradhan \_\_\_\_\_ Panchayat

(Sign and stamp)  District  
निर्वाहक \_\_\_\_\_

  
Executive Engineer  
Jal Shakti Division Solan (H.P.)

 Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS GarkhalLarah, Satyana Shiva and WSS Gorthi  
Gram Panchayat:GarkhalSanavar**

**Consent from Gram Panchayat**

We the residents of Garkhal Sanavar Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

Gram Pradhan



Panchayat

प्रधान

समान पंचायत गढ़वाल-सनावर

District

(Sign and stamp)

Executive Engineer  
Executive Engineer  
Jal Shakti Division Solan (H.P.)

Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-1, WSS Seri Thana  
Gram Panchayat: Kati Namb**

**Consent from Gram Panchayat**

We the residents of Kati Namb Gram Panchayat District  
Solan Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodeling of Rural Water supply schemes  
commissioned prior 01.01.2000.

Gram Pradhan  
प्रधान *Sandhu* Panchayat  
विभागाध्यक्ष जल विभाग  
जिला सोलन हि.प्र. District  
(Sign and stamp)  
Date:- 30/03/2021.

Executive Engineer  
*C/S*  
Executive Engineer  
Jal Shakti Division Solan (H.P.) Division  
Jal Shakti Vibhag  
(Sign and Stamp)

GRID- SS-9, WSS Dumanwala  
Gram Panchayat: Lodhi Majra

Consent from Gram Panchayat (SS-9)

We the residents of Lodhi Majra Gram Panchayat, District Solan Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

Gram Panchayat: Mandla  
ग्राम पंचायत लोदीमाजरा  
हिमाचल प्रदेश  
(Sign and stamp) District

T. M.  
Executive Engineer,  
Jai Shakti Vibhag  
Nalagarh, Distt. Solan (H.P.)

Division  
Jai Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-9, WSS Dumanwala  
Gram Panchayat:Nandpur**

**Consent from Gram Panchayat (SS-9)**

We the residents of Nandpur Gram Panchayat, District Solan, Himachal Pradesh, have no objection for laying of water supply pipelines through our land and we hereby undertake to cooperate during execution of the laying of water supply pipelines under Renovation and Remodeling of Rural Water supply schemes commissioned prior 01.01.2000.

प्रधान  
ग्राम पंचायत नन्दपुर  
जिला नालागढ़, (सोलन) हि.प्र.  
\_\_\_\_\_  
(Sign and stamp) District

T. M.  
Executive Engineer,  
Jal Shakti Division  
Nalagarh, Distt. Solan (H.P.)

\_\_\_\_\_  
Division  
Jal Shakti Vibhag  
(Sign and Stamp)

**GRID- SS-9, WSS Barotiwala**  
**Gram Panchayat: Barotiwala**

**Consent from Gram Panchayat (SS-9)**

We the residents of Barotiwala Gram Panchayat District  
Solan (HP) Himachal Pradesh have no objection for laying of water supply  
 pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
 water supply pipelines under Renovation and Remodeling of Rural Water supply schemes  
 commissioned prior 01.01.2000

प्रधान  
 ग्राम पंचायत यते  
 वि. ख. धर्मपुर (हि.प्र.)  
 District  
 (Sign and Stamp)

*R. Bhardwaj*  
 Panchayat

*T. m.*  
 Executive Engineer,  
 Jal Shakti Division  
 Nalagarh, Distt. Solan (H.P.)

Division  
 Jal Shakti Vichag  
 (Sign and Stamp)



GRID- SS-9, WSS Mandhala  
Gram Panchayat: Mandhala

**Consent from Gram Panchayat (SS-9)**

We the residents of Mandhala Gram Panchayat, District  
Solan (H.P.) Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
commissioned prior 01.01.2000

Gram Pradhan  
[Signature] Panchayat  
[Stamp: ग्राम पंचायत मन्धाला, जिला सोलन, हिमाचल प्रदेश]  
(Sign and stamp)

[Signature]  
Executive Engineer,  
Jal Shakti Vibhag  
Nalagarh, Distt. Solan (H.P.)


Division  
Jal Shakti Vibhag  
(Sign and Stamp)



GRID- SS-9, WSS AmrooBaswani  
Gram Panchayat:Baswani

Consent from Gram Panchayat (SS-9)

We the residents of Baswani Gram Panchayat, District  
Solan, Himachal Pradesh, have no objection for laying of water supply  
pipelines through our land and we hereby undertake to cooperate during execution of the laying of  
water supply pipelines under Renovation and Remodelling of Rural Water supply schemes  
commissioned prior 01.01.2000.

 प्रधान Gurdev Singh  
ग्राम पंचायत बवासनी  
Gram Panchayat Baswani, Solan Distt.

\_\_\_\_\_ Panchayat

\_\_\_\_\_ District  
(Sign and stamp)



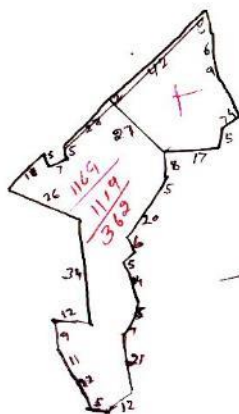
Executive Engineer  
Jal Shakti Division  
Nalagarh, Distt. Solan (H.P)

Assistant Engineer Division  
Jal Shakti Vibhag  
Jal Shakti Tubewell Sub Division (Sign and Stamp)  
Nalagarh

**(F) Khasra map and Revenue Record/ NakalJamabandi**

## PH Stage 2 Landeywall

जमल अम्बरु शास्त्री मौला बहदी जमीनलापुर नरह २०५  
तहसील बहदी जिला नसीलय छिफु  
तहसील-कपल डालबुकिट  
विभाग देव ही शान्य ही  
पमाण व दिनांक  
५० वरि प्रति ८-५



जील : नमल मुताविक  
मुसल के सही व दस्त  
के गुणक वरदान

**Transcript:**

(NakalamshshapramaujabaddiShitalpur No. 205 thalbaddiJila Solan)

As per the revenue records this is the map of Shitalpur no. 205 at District Solan (Himachal Pradesh)

(Note: Kewaljalbhakitvibhaghetu hi manyahai)

Note: Acceptable for use by the Jal Shakti Department only

per ich

(PaimanavaHisab 40 ki mi prati ich)

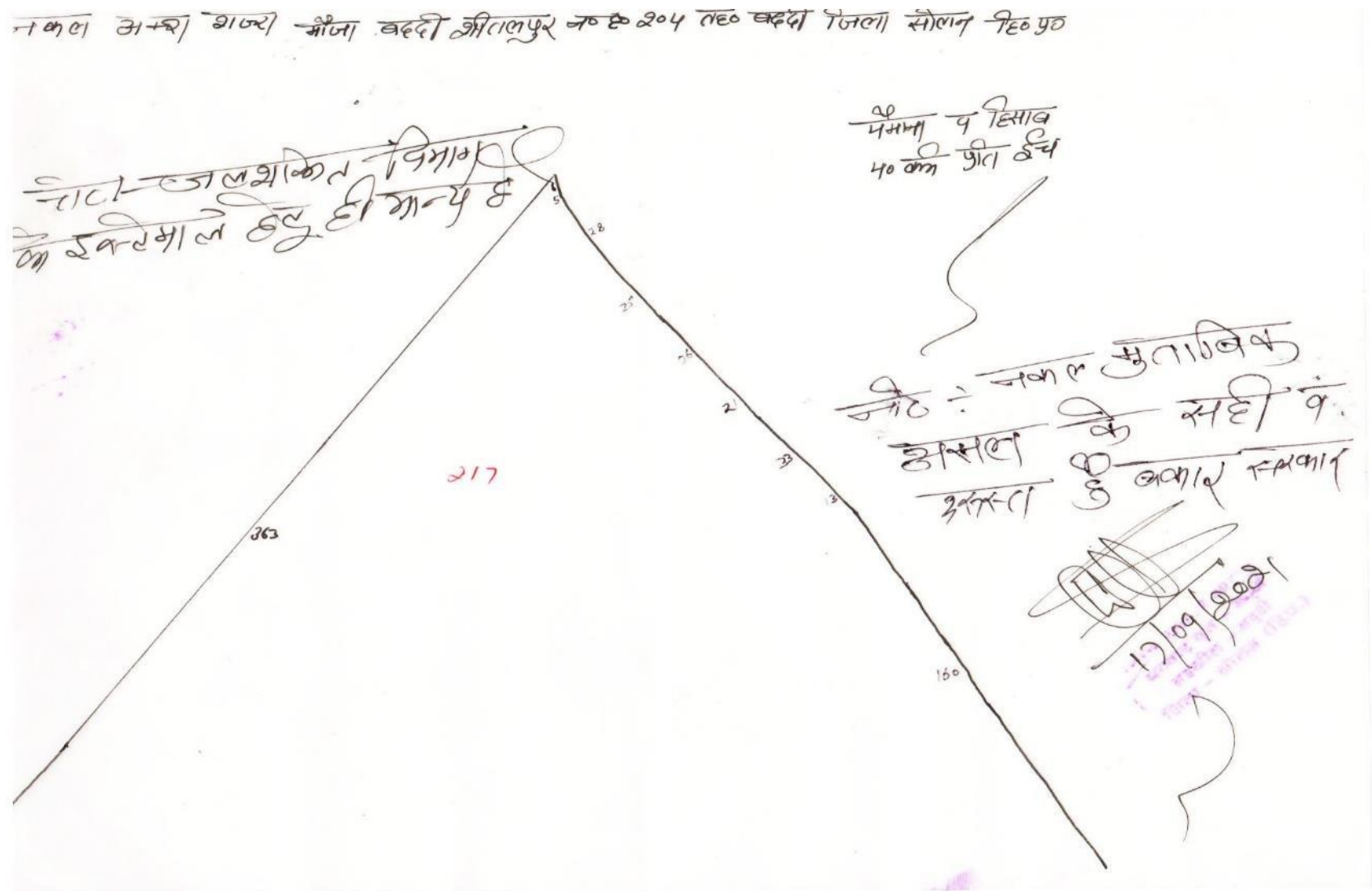
Measurement and calculations are 40 units

(Note: NakalMutabikasalkesahivadurusthaibakar Sarkar)

Note: The documents seem to be in order as per the government records

17/09/2021

# Proposed SR Sitalpur



**Transcripts:**

As per the revenue records this is the map of Sitalpur no. 205 at District Solan (Himachal Pradesh)

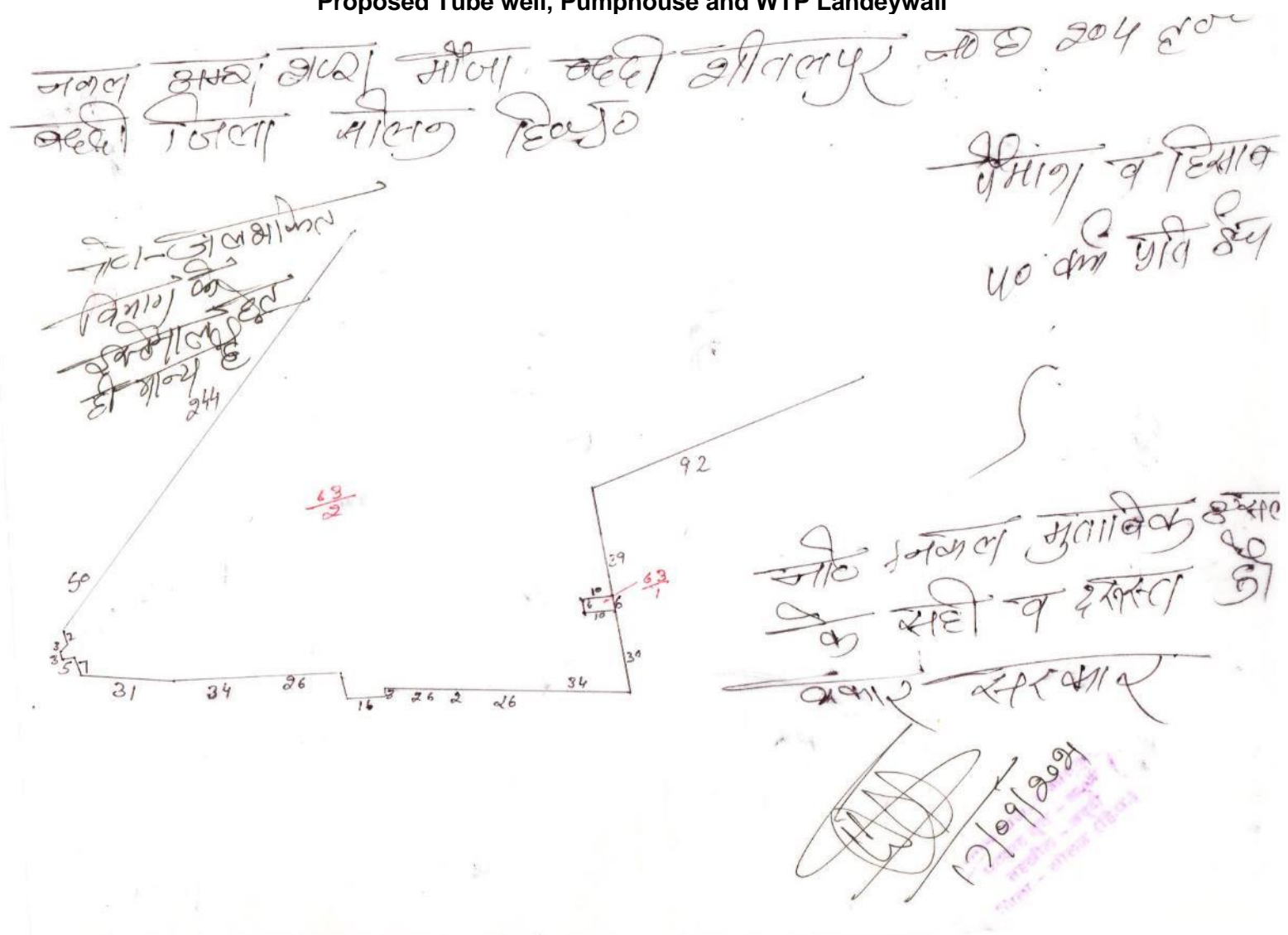
Note: Acceptable for use by the Jal Shakti Department only

Measurement and calculations are 40 units  
per ich

17/09/2021

Note: The documents seem to be in order as per the government records

Proposed Tube well, Pumphouse and WTP Landeywall



Transcripts:

As per the revenue records this is the map of Sitalpur no. 204 at District Solan (Himachal Pradesh)

Note: Acceptable for use by the Jal Shakti Department only

Measurement and calculations are 40 units  
per ich

Note: The documents seem to be in order as per the government records  
17/09/2021



**नकल जमाबन्दी**

जिला 10 सोलन तहसील 08 बदी कानूनगो वृत्त बदी पटवार वृत्त बदी रकबा इकाई बीगा-बि-बि.  
मौजा मोहाना 012501 लन्डेवाल हदपसर नं. 202 साल 2013-2014

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	
म. गेजिट या आकबरी	खजाने नं.	नया पत्तो या वर्षा भव नम नक्कादर रकबा मुआमला	नम मासिक व मुआमला	नम कालांतर या मुआमला	नम याद या रीत यादगल आवापरी	नमबर खसत	रकबा हर खेत या खेजान खेत भव किम अरामी मौजिक इकाई से	लकन नं मुकात अदा हेमता या लकन है व लकरीन नम व लकन	लकन नं मुकात अदा हेमता या लकन है व लकरीन नम व लकन	मुआमला व रकबा मुआमला व रकबा	कैपिटल		
58 गिन 60	63 65	दोलतराम पुन माकह नमबर दर 68.10 घाल	प्रदेश सरकार	माकह मासिक घराने अलाटेवल पुन			63 म 57-02-00 मे.मु.कोई			काला व पड़त बसत खेजट नं. (1)	खसत घाल	नोट :- रक नं. 260 दिनांक 23-2-2010 लीज नाम के अनुसार स. नं. 63 तकरी 57-2 मिनमालिय प्रदेस सरकार बलक श्रीमती आशा रानी प्रोपराटोर श्री कृष्ण स्टीन कनेक्टर के पास दिनांक 5 जनवरी 2007 से घाल खेत के किल लीज पर हो चुका है। नोट-घराने रक नं. 260 दिनांक 23-02-2010 लीज नाम के अनुसार खेत होना का नं. स. 63 तकरी 57-2 गोक मिनमालिय प्रदेश सरकार बलक श्रीमती आशा रानी प्रोपराटोर श्री कृष्ण स्टीन कनेक्टर के पास दिनांक 05-01-2007 से घाल खेत के किल लीज पर हो चुका है।	नोट- देखा का सार राम TCP के आकर्मि है
<p>नोट: नोट-कलप इन्तका लनमर 287 लकरीनी लकरी घत से खाला हजा का खेत नं. 63/1 वलक 80-03 दिनांक मिन जामिन डिकन सारजान 9 हजा टावरणीय पुन अमल सिद्ध व श्रीमती 99 लीज की पत्ती लकरी नील सिद्ध पुन अमर सिद्ध अमरगाम दिनांक लकरीनी हजा हजा है।</p> <p style="text-align: center;">13/09/2024</p> <p style="text-align: right;">ATTESTED Computerward</p> <p style="text-align: right;">15-6-14</p> <p style="text-align: right;">13-09-2021</p>													

इकाई नं. 13-09-2021

जिला 10 सोलन  
मौजा

तहसील 08 बदी  
मौजाल 012701 बदी शीतलपुर

कानूनगो वृत्त बदी  
हदबस्त नं. 204

फटवार वृत्त बदी  
साल 2014-2015

रकबा इकाई बीघा-बि.

न.खेवट या जमाबंदी	खेतीनी नं.	नम पत्ती या तरफ मय नम नमबरदार गहर भुखाला	नम पत्तीलेक व छेकाल	नम कालकाल व छेकाल	नम बह व दीगर ब्याकल अवस्थानी	नमर खमरा		रकबा हर छेत य मौजल खमरा मय किरम अरामी भंडुक ईकाइये मे	रकबा जो मुलाग अदा करवा ई व लमसोला शह व लदार	रकबा या भेकना इकाइल य तरीका चउ	भुखालक व शह मुआमल व हकू	बैफदर
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
476मसूर	523मसूर											Banta, Sh Shyam Lal ya Sh Shiri Ram ya sh Banta, Sh Verinder Pal ya sh Shiri Ram ya Sh Banta Has Executed sale/ conveyance Deed, Vide Reg.No. 95/ 2019 Dated: 11/01/ 2019 In Favour Of Sh Sanjeev Kaushal ya Sh Durga Chand alias Dwara Chand ya Sh Sita Ram).

13/9/2021

ATTESTED  
Computerized

बदी शीतलपुर  
15-9-15

13-09-2021

पृष्ठ संख्या : 3

निबन्ध: हिमाचल प्रदेश- सोलन

**नकल जमाबन्दी**

जिला 10 सोलन तहसील 08 बदी कानूनगो वृत्त बदी पटवार वृत्त बदी रकबा इकाई बी.बी.बी.

मोहल 012701 बदी शीतलपुर हदबस्ता न. 204 साल 2014-2015

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
न.खंड या जमाबंदी	खतीबो न.	नाम पत्नी या तरफ मय नाम गम्बरदार लताम मुआमला	नाम मालिक या पुरखाल	नाम फादर या पुरखाल	नाम पद या दौतर यातरफा आध्यात्मिक	संज्ञिक	हस्त	रकबा हर खेत व पौजान खात मय किस्म आरभी मेट्रिक ईकाइय मे	लगान नौ मुताग अदा करत है य लखरफिन शक व लताम	इसका या पौजाना इकाइय न. तुरीया काड	मुतामला व लताम मुआमला व इकाय	बीफत
476 मिल 411 म	523 456 म	पत्नी : मृगतारका पति दिवान चन्द च प्रवेश कुमार नमदारशाल पति मृगतारका 73.97 माल	प्रदेश सरखार	मयपुजा याशिनन्दान देह उमाये चरन्द			1669/1119/362	05-11-00 बनार कदीम		कल्ला व पड़ता वसरत खंड न. (1)	2.11 माल 1.28 खाई 0.83	न.ई. भू.ई. खर न. 3 नोट :- न. न. 1207/ 1020/1 को 1207/ 1020 अन्क समझा जावे। 1329 अताए हकुक मलिकफत 1330 अताए हकुक मलिकफत 1348 अताए हकुक मलिकफत 1427 अताए हकुक मलिकफत 1428 अताए हकुक मलिकफत 1429 अताए हकुक मलिकफत 1431 तबरील मलिकफत 1433 तबरील मलिकफत 1434 तबरील मलिकफत 1435 तबरील मलिकफत 1436 तबरील मलिकफत 1437 तबरील मलिकफत 1438 तबरील मलिकफत 1440 अताए हकुक मलिकफत 1441 अताए हकुक मलिकफत 1445 तबरील मलिकफत 1453 तबरील मलिकफत 1471 तबरील मलिकफत

निकनेट रिमावल प्रदेश-सोलन

मोट : हल्ला पुरखाल न. 201 कावारी

मोट : 13-09-2021

Computer Operator

[illegible]





## Transcript

NakalJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adaktartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	remarks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuj malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease



												for 5 years. Note rapat no. 260 date: 23/02/ 2010 in accord ance to the lease. Khata haza ka no. 63 Min. tadadi 57-2 bigha. Minjan iv Sarkar bahak Srimat i Asha Rani Dang Propri eter Shri Krishn a stone crushe r kepaa s date 05-01- 2007 leased or 5 years
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## Transcript

NakalJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 204			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rema rks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuja malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease

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## Transcript

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	remar ks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuj a malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease

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## Transcript

NakalJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	remarks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuj a malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease

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## Transcript

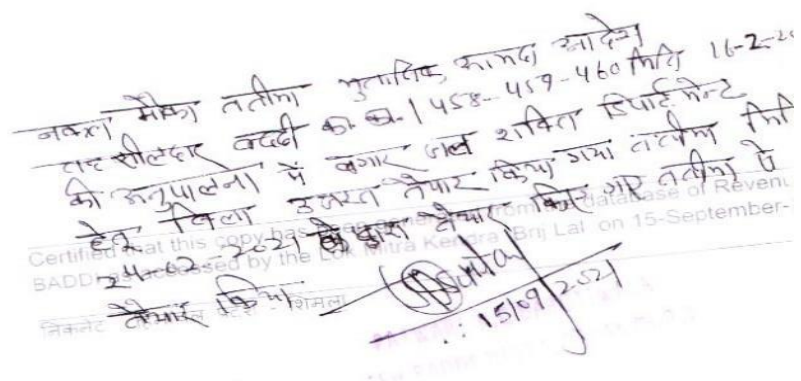
NakalJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rema rks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuja malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease

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## Transcript

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	remar ks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
58 Min 60	63 65	Daulatram son nanuk Nambardar 68.10 mal	Hima chal Prad esh Sark ar	Makbuj a malik varayealat evalpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: rft no. 260 date 23-2- 2010 As per the lease record s, kha no. 63. 57- 2meen janiv Prade sh Sarkar Shrim ati Asha Rani is propr etor. Near Shri Krishn a Stone Crush er kepaa sdate: 05/01/ 2007 is taken on lease

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PUBLIC. This information is being disclosed to the public in accordance with ADB's Access to Information Policy.



**Transcript:**

Revenue Department Himachal Pradesh - NakalJamabandi				S. C. A Receipt number: 1258135125495066				
District: Solan				Name: ABC			नकल tax :	
Tehsil: Baddi				Father/ Husband: ABC			Service tax:	
Legal: Barotiwala							Total/Net tax:	
Patwaarvrutt: Barotiwala								
Hadbast Number.: 196		Mohaal: Barotiwala		Year: 2015-2016		Rakbalkai: Bigha – B – B		
Khevat no. ..... .. Name of Husband OR side name Nambardaar ..... .... Mrutabala v sharahmuabl a b habub	Khaitani no. ..... Lagaan jo mujaaraadakartahaivatafsil sharah v tadad	Name of owner and report	Name of Tenant and report	Naam chaah v digarvasayalaabpa ashi	Number Khasarah aal	Rakbahar khet v mijaankh ata my kismaraaj i Metric ikaiyon me	Hissayapaimanahaki yat v Tarikh baach	Remarks
1	2	3	4	5	6	7	8	9
154 min	198 min	Himach al Prades h Govt	Kabzaudyogvib hag		107	01-10-00 Go. Mu . Udyog	Kabzavabashrahkhe vato. (1)	Note: khatahaja ka 1/1 ka asal no. 1/1-2 Khasra no. 1/1-2 Computeris ed na hone kekaran /1 likhagaya
Bashrahkhev at no.								
(1)								
57.59 Mal								
34.9 Swai								





**Transcript:**

Note: Acceptable for use by the Jal Shakti Department only

Graminrajasvi Adhikari  
PatwarvruttBdhana  
Tah: baddi  
15/09/2021

राजस्व विभाग, हिमाचल प्रदेश - नकल जमाबंदी				एस.सी.ए रसीद संख्या: 1258123024841087		नकल शुल्क : 1.00		
				नाम : ABC	सेवा शुल्क : 10			
				पिता/पति : ABC	कुल शुल्क : 11			
				साल : 2015-2016	रकबा ईकाई: बीघा-बि.-बि.			
खेबट नं.	खतोनी नं.	नाम मालिक व एहवाल	नाम काश्तकार व एहवाल	नाम चाह व दीगर वसायल आबपाशी	नम्बर खसरा हाल	रकबा हर खेत व मिजान खाता मय किस्म अराजी मीटीक ईकाइयों में	हिस्सा या पैमाना हकीयत व तरीका बाछ	कैफियत
हदबस्त नं. : 190	मोहाल : मन्धाला							
1	2	3	4	5	6	7	8	9
339 गिन	357 गिन	प्रदेश सरकार	मकबूजा वाशिनटन देह		1713/1697	1186-10-00 बजर कदीम गराफ	कच्चा व पट्टा बगर खेबट नं (1)	
325	343							
बराबर खेबट नं (1)								
बराबर खेबट नं								

नोट: नकल मुलमिक असल केदल है जो जल अस्त विभाग के W.I. के मे-आ रकम बागर सरकार के अर्थ है

मालीयत अधिकारी

म-लाला

15/09/2021

लोक मित्र केंद्र  
कामन सर्विस सेन्टर  
CS: ID: 476  
माम चिपल  
बिना धर्म  
दिनांक 15/09/2021

Certified that this copy has been generated from the database of Revenue Department at Tehsil BADDI as accessed by the Lok Mitra Kendra Brij Lal on 15-September-2021

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For Validity Refer : Notice No Rev-G(F)/10-1/2009 Dated 14-Feb-2011

Jam1008215964



निकनेट : हिमाचल प्रदेश - शिमला

दिनांक: 15-Sep-2021

पृष्ठ संख्या: 1

**Transcript:**

Revenue Department Himachal Pradesh - NakalJamabandi				S. C. A Receipt number: 1258123024841087				
District: Solan				Name: ABC		नकल tax : 1		
Tehsil: Baddi				Father/ Husband: ABC		Service tax: 10		
Legal: Barotiwala						Total/Net tax: 11		
Patwaarvutt: Mandhala								
Hadbast Number.: 196		Mohaal: Mandhala		Year: 2015-2016		Rakbalkai: Bigha – B – B		
Khevat no. ..... ..... Name of Husband OR side name Nambardaa r ..... ..... Mrutabala v sharahmua bla b habub	Khaitani no. ..... Lagaan jo mujaaraadakartahaivataf silsharah v tadad	Name of owner and report	Name of Tenant and report	Naam chaah v digarvasayalaab paashi	Number Khasara haal	Rakbahar khet v mijaankha ta my kismaraaji Metric ikaiyon me	Hissayapaimanah akiyat v Tarikh baach	Rema rks
1	2	3	4	5	6	7	8	9
399 min 325	357 min 343	Himac hal Prade sh Govt	Makbuzavashind gandeh		1713/16 97	1186-10- 00 Banjar kadimchar and	Kabzavabashrahk hevato. (1)	
Bashrahkhe vat no.								
(1)								
Kharajajbac h								

Note: Nakalmutabikasalkedurusthai. Jo Jal Shakti vibhagke WI kisankhyamutabikbagar Sarkar di gayihaiGraminrajasvi Adhikari, Patwarvutt: Mandhala  
Tah: baddi, 15/09/2021

निवेदन है कि भौजा म-धाला नं० ६०/१०  
 रागना इन त० वरदा गि० लीजन हिण्डर भुवनेश्वर जयपुर  
 साल २०१५-१६ के के०/अ० ३३९ नं० अ० १७१३ तादादा  
 ११८६-१० विद्या में लागू गी० अ० पर पाया गया कि ०-२  
 मित्वा के गी० अ० टैक बना हुआ है अतः रिपोर्ट आगामी  
 आवधिक हेतु सेवा के पेश है X

[Signature]  
 अधिकारी

पटवर्तन नं० म-धाला  
 तहसील नं० १६६  
 जिला गजपट (हि० १०)

15-09-2024

### **Transcript**

It's a request that for Mandhala no. 190 at District Solan (Himachal Pradesh) according to the documents 2015-16 ke. Kha. 339/357 na. kha. 1713/1697 records 1186-10 found in the 0-2 there is a tank made with respect to report.

Patwarvruvt: Mandhal  
Tehsil :baddi  
15/09/2021





**Transcript:**

As per the revenue records this is the map of Barotikala no. 196 at District Solan (Himachal Pradesh)

The map is prepared according to the registry of records from Tehsildar. k.k 1458 -459- 460 for use by Jal Shakti department on 24-02-2021 and the necessary corrections have been made.  
15/09/2021

**नकल जमाबन्दी**

कानूनगो वृत्त बरोटीवाला  
हदखत नं. 200

पटखार वृत्त बरोटीवाला  
साल 2016-2017

रकबा इकाई बीघा-दि.

जिला 10 सोलन  
मौजा

खसरोल 08 बरोटी  
मौजाला 001401 चेटेड़

न.संकेत व जमाबंदी	खसरोल नं.	जमा पट्टी या तारफा रत नमूना नम्बर/तार तार नं. 10/3/2017	जमा मालिक व पट्टाजल	जमा काजनाकर व पट्टाजल	जमा भाद व दीनर काजनाकर आधकार	नम्बर धरणा	रत	रकबा इकाई व बीघा नं. वृत्त नं. 10/3/2017	रकबा इकाई व बीघा नं. वृत्त नं. 10/3/2017	रकबा इकाई व बीघा नं. वृत्त नं. 10/3/2017	रकबा इकाई व बीघा नं. वृत्त नं. 10/3/2017	रकबा इकाई व बीघा नं. वृत्त नं. 10/3/2017
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
375	385	श्री मदन	जिवाफन प्रदेश सरकार	मकसूमा जमान-जमान देव			890	24-16-00 शेखर कदीम चामन		बज्जा व पट्टा वृत्त नं. 10/3/2017	9.09 मल 5.51 खाई 3.58	नोट : - गलत पत्र रत नं. 10/3/2017 अपनी है। नोट-ई व. 1652 नकदीली कबला से न. खसरोल 252/1 तादादी 2-10 बीघा मलकेनन प्रदेश सरकार काजना प्रारम्भिक मकसूमा केन्द्र वगैरहवाला के नाम द्वारा हुआ है।
336	348	मदन 419.49 माल										

मुकाबला शुद्ध

14/09/2021

PATKARI PATKARI  
TEH. BADDI DISTT. SOLAN (H.P.)

ATTESTED  
Computerized

This is a  
copy of  
the original  
document  
is  
15-6-17

Prepared by  
Computer Operator

दिनांक: 13-09-2021

पृष्ठ संख्या : 1

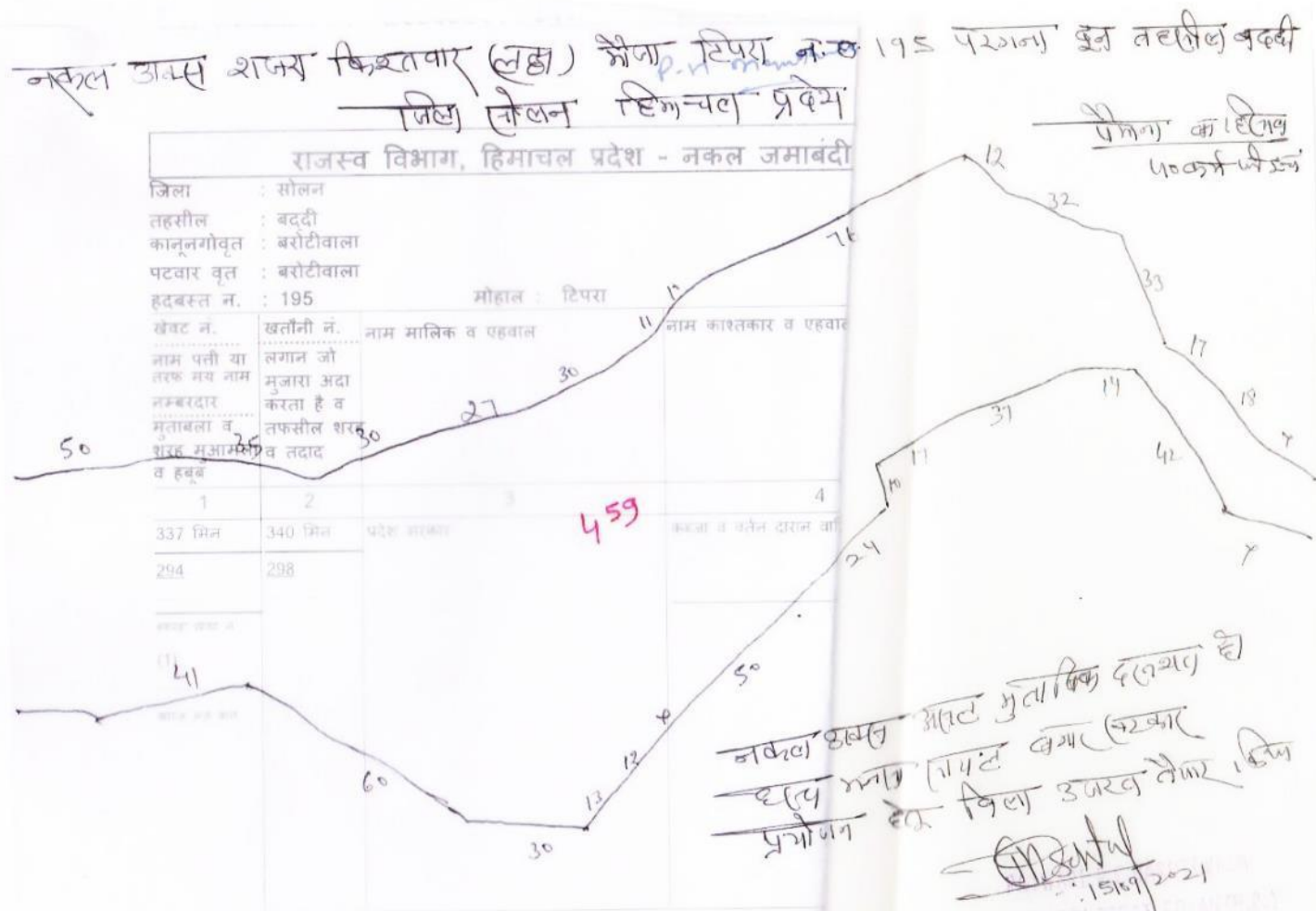
नोट : हलका पट्टा जमा वृत्त कारवायें

**Transcript:**

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam malik vaahwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
375 Min  336	385 348	Shri. Madan	Hima chal Prad esh Sark ar	Makbuja malik varayealate valpul			63 m	57-02-00 Gai. Mu. Choi		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	Note: Sala m khew at T.C. P.K comi ng unde r.  Note: I.N. 1652 recor ds no. 252/1 tadad i 2-10 bigha malki yat Prad esh Sark ar kabz a has been regist ered in the name of Prim ary

												Health Center
--	--	--	--	--	--	--	--	--	--	--	--	------------------

## Proposed PH Mandhala-2



**Transcript:**

As per the revenue records this is the map of Lacha no. 195 at District Solan (Himachal Pradesh)

Measurement and calculations are 40 units  
per inch

The map is prepared according to the registry of records for Jal Shakti department only and the necessary corrections have been  
made. 15/09/2021

राजस्व विभाग, हिमाचल प्रदेश - नकल जमाबंदी				एस.सी.ए रसीद संख्या: 1258140325588812		नकल शुल्क : 1.0	
जिला : सोलन				नाम : ABC		सेवा शुल्क : 1	
तहसील : बददी				पिता/पति : ABC		कुल शुल्क : 1	
कानूनगोवत : बरोटीवाला				मोहाल : टिपरा		सांल : 2013-2014	
पटवार वृत्त : बरोटीवाला				रकबा ईकाई: बीघा-बि.-बि.			
हदबस्त नं. : 195							
खेवट नं.	खतौनी नं.	नाम मालिक व एहवाल	नाम काश्तकार व एहवाल	नाम चाह व दीगर वसायल आबपाशी	नम्बर खसरा हाल	रकबा हर खेत व मिजान खाता मय किस्म अराजी मीटीक ईकाइयो में	हिस्सा या पैमाना हकीयत व तरीका बाउ
नाम पत्नी या तरफ मय नाम नम्बरदार मुताबला व शहर मुआमला व हबब	लगान जो मुजारा अदा करता है व तफसील शहर व तदाद						
1	2	3	4	5	6	7	8
337 गिन	340 गिन	प्रदेश सरकार	कब्जा व वार्डन दारान खशिनंदमान देह		459	64-18-00 मे.मु.नाक	कब्जा व पटवार कब्जा कित नं. (1)
294	298						नं. डे. कि. डे. नं. डे. कि. डे. 1486 तब्दील मलकियत 1723 तब्दील मलकियत नोट डे. नं. 1723 तब्दीली मलकियत से लाल ट. नं. 14 नं. खसरा 14/1 ताददी 11-11 बीघा का ताददी हिस्सा वटक अराम विमान दिनांक 19-08-2016 को स्वीकर है।
कश्मा तादत नं. (1)							
कश्मा तादत नं. (1)							

लोक मित्र केन्द्र  
कामन सर्विस सेन्टर  
CS ID: 476840780018  
ग्राम पंचायत सुरजपुर, टिपरा  
मो.सं. धर्मपुर सोलन हि.प्र.  
हस्ताक्षर: 15/09/2021  
दिनांक

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For Validity Refer Notice, No Rev-C(F)/10-1/2009 Dated 14-Feb-2011

Jam1008215977



निकनेट हिमाचल प्रदेश - शिमला

दिनांक: 15-Sep-2021

पृष्ठ संख्या: 1



**Transcript:**

Revenue Department Himachal Pradesh - NakalJamabandi				S. C. A Receipt number: 1258140325588812				
District: Solan				Name: ...ABC		नकल tax : 1.00		
Tehsil: Baddi				Father/ Husband: ....ABC		Service tax: 10		
Legal: Barotiwala						Total/Net tax: 11		
Patwaarvutt: Barotiwala								
Hadbast Number.: 195			Mohaal: R.F. Tipra		Year: 2013-2014		Rakbalkai: Bigha – Biswa – B	
Khevat no. ..... .. Name of Husband OR side name Nambardaar ..... .... Mrutabala v sharahmuabl a b habub	Khaitani no. ..... Lagaan jo mujaaraadakartahaivatafsils harah v tadad	Name of owner and report	Name of Tenant and report	Naam chaah v digarvasayalaabpa ashi	Number Khasarah aal	Rakbahar khet v mijaankha ta my kismaraaji Metric ikaiyon me	Hissayapaimanahak iyat v Tarikh baach	Remarks
1	2	3	4	5	6	7	8	9
337 Min	340Min	Himach al Prades h Govt	Kabza Forest Departme nt		459	64-18-00	Kabza padtabashrah v	N.E. K.E. N.E. K.E. 1486 TabdiyalMalkiyat
294	298						Khevat no. (1)	1723Tabadiyal Malkiyat
.....	.....		----- ----- ---					Note : 1723Tabadiyal Malkiyat se khatahua ka khasra 14/1 Tadadi 11-11 Bigha ka salamhissabahakupyougvi bhag dinak 19-08-2016 ko swikarhai.
Bashrahkhev at no.								
(1)								
.....	-----	----- ----- ----- -					-----	

### Proposed SR Surajpur

नक्शा क्रमांक (लडा) मौजा टिपरा नं. 195 परमाणु क्रमांक 33  
तहसील बदी जिला सोलन हि.प्र.

राजस्व विभाग, हिमाचल प्रदेश - नक्शा क्रमांक 195 परमाणु क्रमांक 33

मौजा : टिपरा

खेत नं.	खेती नं.	नाम मालिक व एहवाल	नाम काश्तकार व एहवाल
1	2	3	4
347 किग	348 किग	प्रदेश सरकार	कच्चा व वर्तन दारान काश्तकारान देव
719	719	723	724

30 40 35 35 33

नक्शा क्रमांक तहसील आला मुलाधिक  
तहसील बदी जिला सोलन हि.प्र.  
निकनेट : हिमाचल प्रदेश - नक्शा क्रमांक 195 परमाणु क्रमांक 33

15-Sep-2021  
TEH.BADDI DIST. SOLAN

**Transcripts:**

As per the revenue records this is the map of Lacha no. 195 at District Solan (Himachal Pradesh)

Measurement and calculations are 40 units per ich

The map is prepared according to the registry of records for Jal Shakti department only and the necessary corrections have been made. 15/09/2021

राजस्व विभाग, हिमाचल प्रदेश - नकल जमाबंदी

एस.सी.ए रसीद संख्या: 1258140425596945

जिला : सोलन नाम : ABC नकल शुल्क : 1  
 तहसील : बददी पिता/पति : ABC सेवा शुल्क : 10  
 कानूनगोवत : बरोटीवाला कुल शुल्क : 11  
 पटवार वृत : बरोटीवाला  
 हदबस्त न. : 195 मोहाल : टिपरा साल : 2013-2014 रकबा ईकाई: बीघा-बि.-बि.

खेवट नं.	खतीनी नं.	नाम मालिक व एहवाल	नाम काश्तकार व एहवाल	नाम चाह व दीगर वसायल आबपाशी	नम्बर खसरा हाल	रकबा हर खेत व मिजान खाता मय किस्म अराजी मीट्रीक ईकाइयों में	हिस्सा या पैमाना हकीयत व तरीका बाछ	कैफियत
1	2	3	4	5	6	7	8	9
337 मिन	340 मिन	प्रदेश सरकार	कच्चा व वर्तन दोरान वाशिनदगान देह		723	427-04-09 बजर कदीम सरान्द	मकत व पालव बराह खेवट न (1)	न डे. कि डे. न डे. कि डे. 1408 तबदील मलनियन 1723 तबदील मलनियन नोट डे. न. 1723 तबदीली मकतियत से जाला इला. ख. त. ख. उ. 14/1 लादुरी 11-11 बीघा न. जालन निरास बटक प्रदेम विभाग दिनांक 19-08-2016 को रखीकार है।
294	298							

बराह खेवट न. (1)  
 खेवट अज. कड

लोक मित्र केन्द्र  
 ऑफिस सर्विस सेन्टर  
 ID: 476546780018  
 जामल सुरजपुर, टिपरा  
 जिला सोलन हि.प्र.  
 संचालक  
 दिनांक 15/09/2021

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 For Validity Refer : Notific. No Rev-C(F)/10-1/2009 Dated 14-Feb-2011

निकलेट : हिमाचल प्रदेश - शिमला दिनांक 15-Sep-2021 पृष्ठ संख्या: 1

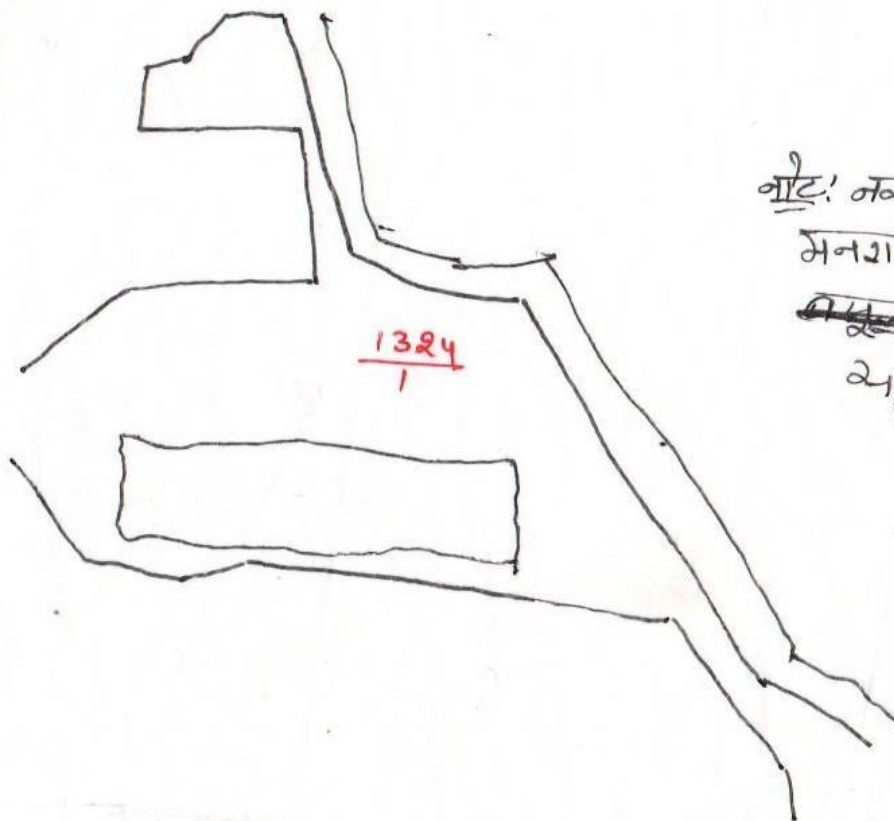
Jam1008215978

## Transcript

Revenue Department Himachal Pradesh - NakalJamabandi				S. C. A Receipt number: 1258140425596945				
District: Solan				Name: ...ABC		नक़ल tax : 1.00		
Tehsil: Baddi				Father/ Husband: ....ABC		Service tax: 10		
Legal: Barotiwala						Total/Net tax: 11		
Patwaarvutt: Barotiwala								
Hadbast Number.: 195			Mohaal: R.F. Tipra		Year: 2013-2014		Rakbalkai: Bigha – Biswa – B	
Khevat no. ..... .. Name of Husband OR side name Nambardaar ..... .... Mrutabala v sharahmuabl a b habub	Khaitani no. ..... Lagaan jo mujaaraadakartahaivatafsils harah v tadad	Name of owner and report	Name of Tenant and report	Naam chaah v digarvasayalaabpa ashi	Number Khasarah aal	Rakbahar khet v mijaankhata my kismaraaji Metric ikaiyon me	Hissayapaimanaha kiyat v Tarikh baach	Remarks
1	2	3	4	5	6	7	8	9
337 Min	340Min	Himach al Prades h Govt	Kabza Forest Departm ent		723	427-04-00 Banjar KadimCharan and	Kabza padtabashrah v	N.E. K.E. N.E. K.E. 1486 TabdiyalMalkiyat
294	298						Khevat no. (1)	1723Tabadiyal Malkiyat
.....	.....		----- ----- ---					Note : 1723Tabadiyal Malkiyat se khatahua ka khasra 14/1 Tadadi 11-11 Bigha ka salamhissabahakupyougvibha gdinak 19-08-2016 ko swikarhai.
Bashrahkhev at no.								
(1)								
.....	-----	----- ----- ----- -					-----	

## Proposed SSF- Mandhala and Tube well Mandhala

नकल अंक २ जरा किसतवार लहा मौजा मन्धाला नर (१९०) परगना दुन  
तहसील नददी जिला सोलन (हि० प्र०)



पैमाना वाटिका ५०  
करम उत्ति इन्चा

नोट: नकल मुताबिक रिपोर्ट सहै है हास्य  
मनगा मन्धाला तैयार की गई है  
W.I.P.H. तैयार की गई है  
~~नकल मुताबिक रिपोर्ट सहै है हास्य~~  
अरुम लहा मौजा मन्धाला  
जिला सोलन (हि० प्र०)

पैमाना ५०००

गामाण राजस्व अधिकारी  
पटवार वृत्त मन्धाला  
तहसील नददी  
जिला सोलन (हि० प्र०)

14-9-2004

**Transcripts:**

As per the revenue records this is the map of Mandhala no. 190 at District Solan (Himachal Pradesh)

Measurement and calculations are 50 units  
per inch

The map is prepared according to the registry of records for Jal Shakti department only and the necessary corrections have been  
made. 14/09/2004



[illegible]

निका 10 सोलन

तहसील 08 बदी  
मोहल 000901 मन्थाला

कानूननो वृत्त बरोटीवाला  
हदबस्ता नं. 190

पटवार वृत्त मन्थाला  
साल 2015-2016

रकबा इकाई बीघा-बि-बिघ.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
खजाने व नमांवेरी	खजाने नं.	नाम पत्नी या तरफ मय नाम नम्वरदार तहास मुअमला	नाम पतिविक या एहवाल	नाम कारखाने व एहवाल	नाम चहा व दोहर वहावल आवाबरी	संथिक	हात	रकबा हर खेज या मोजान खास मय विहम आरानी चेट्टिक ईबादये मे	मजान वी मुनास अदा करता हे य लफसीन शक य लताद	हिरसा या मेबना इकीला य लकीला चहा	मुतामका व सहा मुनामका व इकुल	कैफखत
339मनकर	363मनकर	जोहू भू-सामग्री					कित 6 सालम 2 मिन 4 घटा 5	1212-11-00  आपुट 1212-11-00 चनेर कदीम चराद 1204-10-00 मेर मुनामका 08-01-00				

मन्थाला  
अदारी  
14-09-21

ATTESTED  
Computerised

This is a  
copy of  
the original  
document  
dated  
15-8-16

13-09-2021

## Transcript

NakalJamabandi												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 000901 Mandhala			Kanungo vrut: Barotiwala Hadbast no. 190			Patwarvrut: Mandhala Saal: 2015-16			Rakbaikai: Bigha – B - B	
n. khevatvaj amabandi	Kha itani no.	Nam patiyataraf may naam nambardaart adadmuamla	Naam malik vaahwa l	Naam kastakaarva ahwal	Naam chah v digarvasay alayapashi	Nambarkha sra		Rakbahar khet wajaminkh ata may kismaarzi mitrikikaiy o me	Lagan jo mujra adakartahaiwahtafs eelsharahwatadad	Hissayapaimanaha kivatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
						Sa bik	haal					
1	2	3	4	5	6	7	8	9	10	11	12	13
339 Min 325	357 343	Koshi ram Salag ram Balbir singh 77.47	H.P Sarkar	Makbujabas hindegandeh			1324 /1 m   1324 /1 m   1713 /169 7	11-09-00 09-00-00 Banjar kademcha rand 11-09-00 09-00-00 Banjar kademcha rand 02-09-00 Go.mu skul 1186-10- 00 Banjar kademcha rand		Kabjavapadtabshra hkhevat no. (1)	Kharj ajbach	
360 345			Rafawe -am				743	02/13-00 Go.mu johadjoha di				
363			Pancha yat raj vibhag				1324 /1 m   1324 /1 m	00-05-00 Go.mu pachyatgh ar  00-05-00 Go.mu pachyatgh ar				
							Kitta 2	00-10-00				

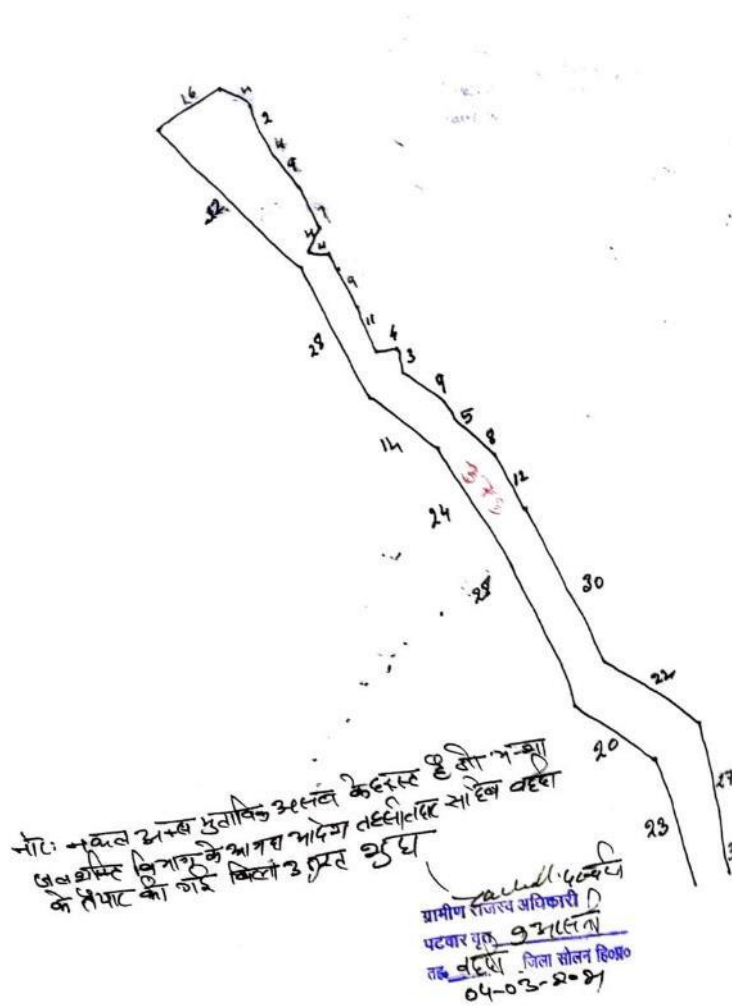
							Sala bh 0 Min 2 Bata 2	Akrusht Gair mumkin 00-10-00				
339 maj kur	363 maj kur		Jodbhu samapti				Kitta 6 Sala bh 0 Min 4 Bata 5	1212-11- 00  Akrusht Gair mumkin 1212-11- 00  Banjar kdimchara nd 1204-10- 00  Gair mumkin 08-01-00				

### Proposed SR Amroo

अमरू लुंछा मोला अमरू नं० ३९६ परगना काँग्रस पट्टा लुंछा मोला/अमरू

जिला सोलन हि० ला० १९९२-९३

पैमाना बट्टा ला० २० म० २०१२



**Transcript:**

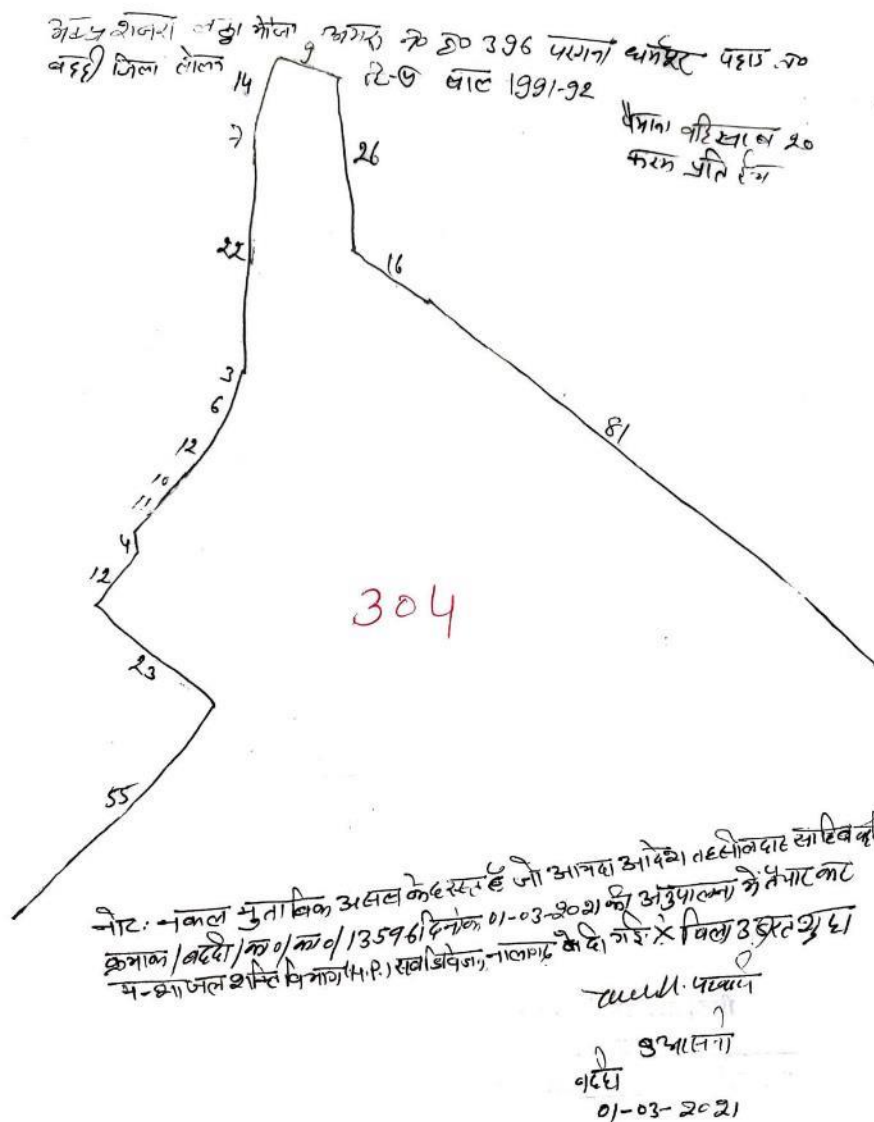
As per the revenue records this is the map of 396 DhrampurpadgahNalgadh at District Solan  
(Himachal Pradesh) 1992-93

Measurement and calculations are 20 units per ich

The map is prepared according to the registry of records for Jal Shakti department only and the  
necessary corrections have been made

Graminrajasva Adhikari  
Patwarvrutt: kealsti  
The: baddiJila: solan  
04/03/2021

# Proposed MBR Amroo





**Transcript:**

As per the revenue records this is the map of 396 DhampurpadgahNalgadh at District Solan (Himachal Pradesh) 1992-93

Measurement and calculations are 20 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and with respect to the tehsildar records kramank/ baddi/ ka/ka/ 13596/ date: 01/03/2021 prepared for the jal shakti department and the necessary corrections have been made

Graminrajasva Adhikari

Patwarvrutt: buasna

The: baddiJila: solan

01/03/2021



**Transcript:**

As per the revenue records this is the map of 391 DhampurpadgahNalgadh at District Solan (Himachal Pradesh) 1992-93

Measurement and calculations are 20 units per ich

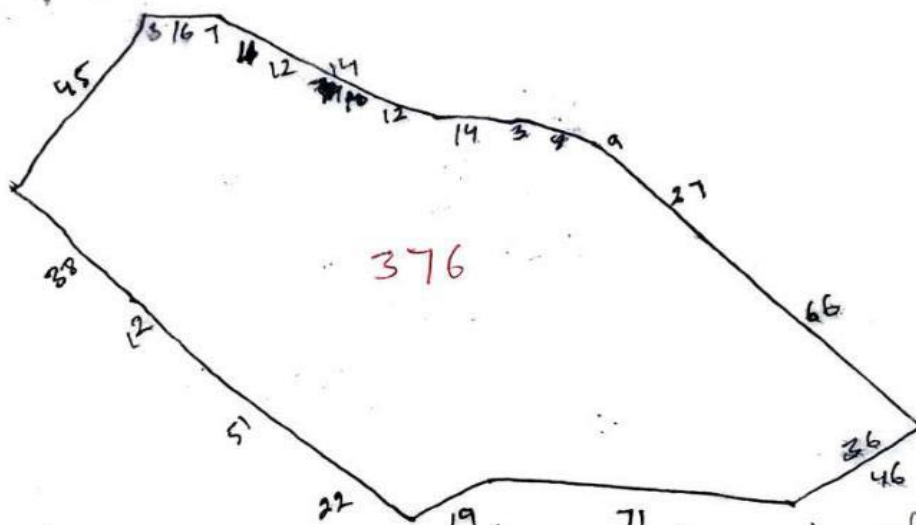
Note: The map is prepared according to the registry of records for Jal Shakti department and with respect to the tehsildar records kramank/ baddi/ ka/ka/ 13596/ date: 01/03/2021 prepared for the jal shakti department and the necessary corrections have been made

Graminrajasva Adhikari  
Patwarvrutt: Bualni  
The: baddiJila: solan  
01/03/2021

## Proposed SR Bavasni

अवकाश लवका बाँला बुआसनी नम्बर ३१  
 परगना बरनपुर पहाड तहसील नालागढ़ जिला  
 सौलन दि० ४ साल १९९०-९१

सैमाना व दि० १९  
 ५० करम प्रति ईंच



नोट:- नकल मुताबिक माल के दुकानत है जो मजरा आदेश तहसीलदार  
 जरीब बंदी का आका/बंदी/काप/मा०/१३५९६ दिनांक १३-२०२१ की  
 आनुपालन के तैयार कर गन्था जल शक्ति विभाग (H.P) एवं जिला  
 नालागढ़ के दो मई मिला उजरत हुआ

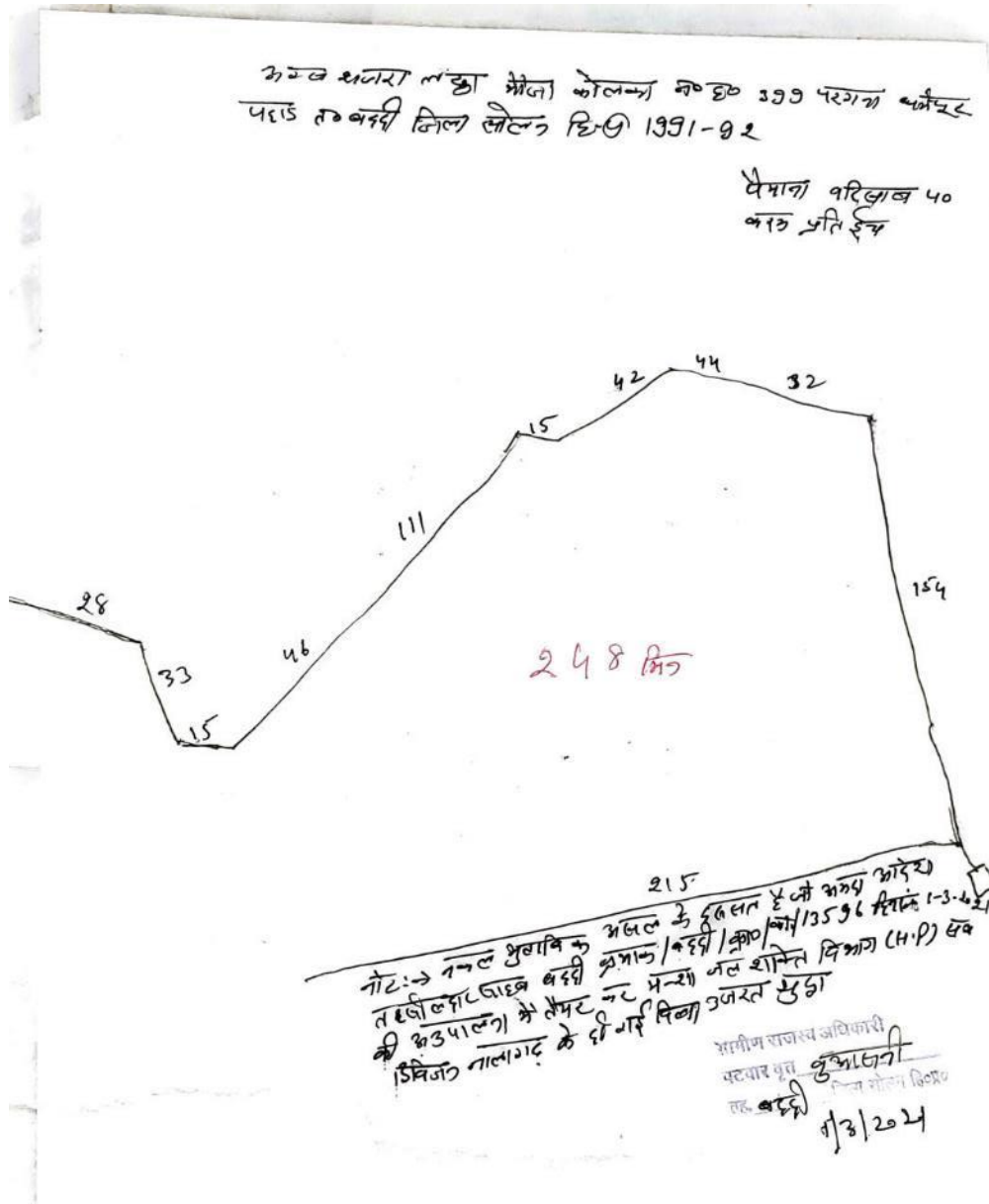
अवकाश  
 बुआसनी  
 बंदी ०१-१३-२०२१

**Transcript:**

Measurement and calculations are 20 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and with respect to the tehsildar records kramank/ baddi/ ka/ka/ 13596/ date: 01/03/2021 prepared for the jal shakti department and the necessary corrections have been made

Proposed SR Kolka



**Transcript:**

As per the revenue records this is the map of 399 DhampurpadgahNalgadh at District Solan  
(Himachal Pradesh) 1992-93

Measurement and calculations are 40 units per ich

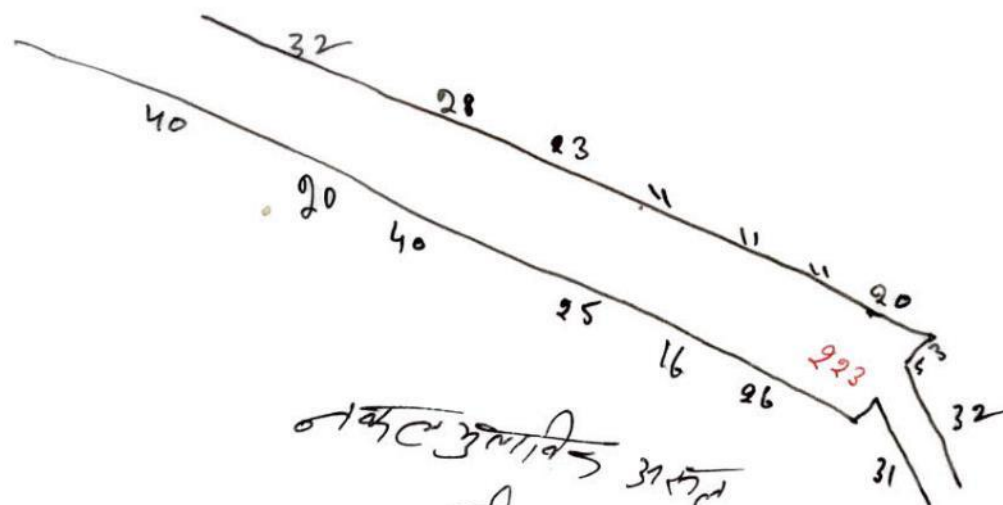
Note: The map is prepared according to the registry of records for Jal Shakti department and  
with respect to the tehsildar records kramank/ baddi/ ka/ka/ 13596/ date: 01/03/2021 prepared  
for the jal shakti department and the necessary corrections have been made

Graminrajasva Adhikari  
Patwarvrutt: Bualni  
The: baddiJila: solan  
01/03/2021

Proposed Tubewell, WTP & PH AmrooBawasni,

ਗੁਰਮਤਿ ਅੰਗਰੇਜ਼ੀ ਭਾਸ਼ਾ ਵਿੱਚ ਲਿਖਿਆ ਗਿਆ ਹੈ।

ਪੰਜਾਬੀ ਅੰਗਰੇਜ਼ੀ ਵਿੱਚ ਲਿਖਿਆ ਗਿਆ ਹੈ।



ਗੁਰਮਤਿ ਅੰਗਰੇਜ਼ੀ ਭਾਸ਼ਾ ਵਿੱਚ ਲਿਖਿਆ ਗਿਆ ਹੈ।

ਅੰਗਰੇਜ਼ੀ ਭਾਸ਼ਾ ਵਿੱਚ ਲਿਖਿਆ ਗਿਆ ਹੈ।

ਮੁੱਖ ਮੰਤਰੀ

ਮੁੱਖ ਮੰਤਰੀ

24-02-2021



**Transcript:**

As per the revenue records this is the map of District Solan (Himachal Pradesh) 1992-93

Measurement and calculations are 40 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and deemed correct

Graminrajasva Adhikari

Patwarvrudd: Bualni

The: baddiJila: solan

01/03/2021

जिला 10 सोलन  
मौजा

तहसील 08 बही  
मोहाल 009401 बाणा

नकल जमाबन्दी  
कानूनी वृत्त मानपुरा  
हदबस्त न. 159

पटवार वृत्त बेली  
साल 2017-2018

रकबा इकाई बीघा-रि.रि.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
न.खेद का नम्बर	खेती न.	नाम गरी का तहसील व नम्बर	नाम पटवार व नम्बर	नाम कानूनी वृत्त व नम्बर	नाम पटवार व नम्बर	नाम पटवार व नम्बर	नाम पटवार व नम्बर	रकबा इकाई व नम्बर	रकबा इकाई व नम्बर	रकबा इकाई व नम्बर	रकबा इकाई व नम्बर	रकबा इकाई व नम्बर
139	180	पत्नी :	हिमाचल प्रदेश सरकार	अबदास कुशियान				01-03-00				
130	171	मुशाबका						मै.मु.कुल				
		मुशाबका										
		17.23										
		माल										

साहसरी गटल व  
BBVDA के अद्यतन

Computerized  
This is to certify that Computer  
copy of the aspect of  
VIII. 6104 Chsill Badd  
is true & correct as per  
upto 15-6-18 update  
as per the Office

18-02-2021

निकटस्थित प्रदेस-सोलन

नोट : हल्का पटवारी से

दिनांक: 18-02-2021

पृष्ठ संख्या : 1

## Transcript:

NakalJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Landeywall			Kanungo vrut: Barotiwala Hadbast no. 202			Patwarvrut: Mandhala Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
139 Min 130	180 171	Mushtraka 17.23 Mal	Hima chal Prad esh Sark ar	Abapaashk uprigaan			22 3	01-03-00 Gai. Mu. Kuhai		Kabzavapadtabashrahk hevat no. (1)	KharajBaach	



**Transcript:**

As per the revenue records this is the map of District Solan (Himachal Pradesh)

Measurement and calculations are 40 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and is deemed correct

Graminrajasva Adhikari

Patwarvrudd: Lohimjal

The: baddiJila: solan

15/09/2021

# नकल जमाबन्दी

जिला 10 सोलन  
मौजा

तहसील 08 बही  
मोहल 021501 मानकपुर

कानूनीय वृत्त मानपुर  
हदपत्र नं. 176

पटवार कृत लोदी मानपुर  
साल 2014-2015

रकबा इकाई बीघा-बि.

नं.प्लेट या जमाबन्दी	खतिब नं.	नाम पती या तर्फे मूल नाम नवाबदर राहद. मुआमला	नाम मौजिलक या फकाल	नाम कालमकर या फकाल	नाम प्लट या दोरन धरातक आवाकगी	नगवर खाराग		रकबा हर खेत व मौजिल खेत मय हिस्सा अरकागी मौजिल इलाकचे मय	अपन नं मुनास अदा हिस्सा या पयका इकाज या तारीखा प्लट	मुनासका व रकत मुआमला व प्लट	कैफियत
1.	2.	3.	4.	5.	6.	खेतक	हाल	9.	10.	11.	13.
47 मय 44	46	चरुये राट नं. 133 दिनांक 30-10-04 in case no. 3/2001 date of insti 3-11-01 Date of Decesion 30-08-04 अन बन्द पुत्र मोहनन्द राम के सपन पर श्री कानू राम पुत्र मान चन्द को नया नवाबदार निपुता	प्रदेश रायवार	आलारबल पूल			326/322/280 म मे.मु.नदी 328/322/280 म मे.मु.नदी <del>328/322/280 म</del> मे.मु.नदी किता 2 खालम 0 मिज 3 बरा 3 अकृष्ट मे.मु.नदी 54-10-00	01-00-00 मे.मु.नदी 26-15-00 मे.मु.नदी 26-15-00 मे.मु.नदी 54-10-00 97-15	कच्चा व पड़ता बगलद फेक्ट नं. (1)	आरम अन बाउ	मोट: बरये डे.न. 244 लोन नाम से धारा हज बर न.म. 328/ 322/280 मय तकदी 26-15 व न.म. 317 तकदी 45-1 व न.म. 328/322/280 मय 88-4 चौथा मयल 3 तकदी 160-0 चौथा मिननामिन प्रदेह सरावर फल म. 2, 40,000/- प्रोत अपने मोन मिननामिन प्रदेम सवावर बहक शनेन वमी पुत्र बुली राम सवावर लोदीमाबरा बं वरये के मय दिनांक 16-06-2007 स 16-07-2007 तक लीज मयन्त हो मुदी हे।
49 47		महा गमा 129.00 साल		मकनुना नामन्दमान देह बरये सरामद			328/322/280 म <del>328/322/280 म</del> मे.मु.नदी किता 1 खालम 0 मिज 2 बरा 2 अकृष्ट मे.मु.नदी 176-08-00	88-04-00 मे.मु.नदी 88-04-00 मे.मु.नदी 176-08-00 88-4		ATTESTED COMPTROLLER THIR मामकपुर 15-6-15	
			मोट मु.सामोत				किता 5 खालम 0 मिज 5 बरा 5	230-18-00			

नकल जमाबन्दी प्रदेम-सोलन

दिनांक: 15-09-2021

## Transcript:

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Manakpur			Kanungo vrut: Manpura Hadbast no. 176			Patwarvrut: Lodhi Manala Saal: 2014-15			Rakbaikai: Bigha – B - B	
n. khevatva jamaban di	Kh aita ni no.	Nam patiyataraf may naam nambardaar tadadmuaml a	Na am mal ik vaa hw al	Naam kastakaarvaahw al	Naam chah v digarvasa yalayapas hi	Nambarkh asra		Rakbahar khet wajamink hata may kismaarzi mitrikikaiy o me	Lagan jo mujra adaktahaiwahta fseelsharahwatad ad	Hissayapaimanah akivatvatarikama ch	Mutalwavashara hmuamlavahab ub	remarks
						S ab ik	haal					
1	2	3	4	5	6	7	8	9	10	11	12	13
47 Min 44	48 46	Varuyerapat no. 133. Date: 30-10- 04 in case no. 3/2001 Date of insti 03/11/01 Date of Deersion 30- 08-04 Son of Gyan chand Govind Ram in his place Son of Shri Babu ram Shri Gyan Chand is appointed as t the new Nambardar. 129.00 mal	Him ach al Pra des h Sar kar	Abapaashkuprigaa n			326/3 32/28 0 m      Kitta 2 Sala m 0 Min 3 Bta 3	01-00-00 Gai. Mu. Nadi 26-15-00 Gai. Mu. Nadi 01-00-00 Gai. Mu. Nadi  54-10-00 27-15  Akruth Gair mumkin 54-10-00		Kabzavapadtabashr ahkhevat no. (1)	KharajBaach	Note: barue I.N. 244 lease naam se khatahaja ka. Na. kh. 328/322/280 min tadadi 26- 15 va.na.kh. 317 tadadi 45-1 va.na.kh 328/332/280 min 88-4 bigha kita 3 tadadi 160-0 bigha minjaniv Pradesh  Sarkar badle mum. 2 at 40,000/- per year lease minjaniv Pradesh srkarbahakrajes hvermaputra Khushi ram sakanLodimajra panchvarshkeli ye date 16-06- 2007 se16-07- 2007 lease is finalised
49 47				Makbujabashindag aandehvarayechara nd			328/3 22/28 0 m   Kitta 5	230-18-00				

							Sala m 0 Min 5 Bta 5					

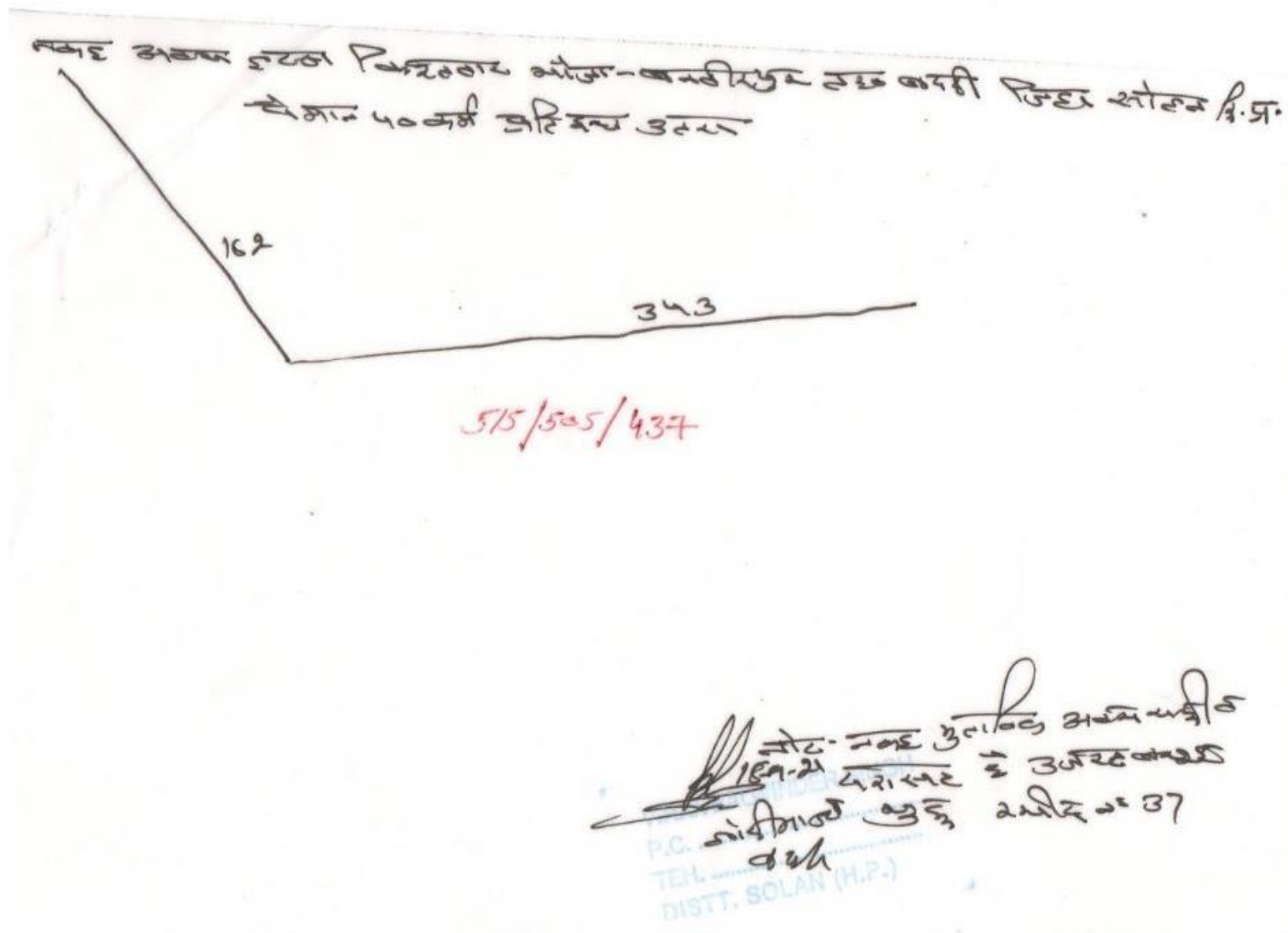




**Transcript:**

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Manakpur			Kanungo vrut: Manpura Hadbast no. 176			Patwarvrut: Lodhi Manala Saal: 2014-15			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
								Akrusht Gair mumkin 23018-00				

## Proposed SR Dumanwala



**Transcript:**

As per the revenue records this is the map of District Solan (Himachal Pradesh)

Measurement and calculations are 40 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and is deemed correct, receipt 37

Graminrajasva Adhikari

Patwarvru: Lori bazak

The: baddiJila: solan

SR

**नकल जमाबन्दी**

जिला 10 सोलन  
मोहा 021101 बटो  
तहसील 08 बटो  
कानूनमो वृत्त मानपुरा  
हदबस्ता न. 174  
पटवार वृत्त लोदी मांगरा  
साल 2013-2014  
रकबा इकाई बीघा-चि-बि.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
ब.खेतर या जमबंदी	खेती नं.	नाम पत्नी या तरफ मय नम गन्धदर लहात मुआमला	नाम मालिक या एहाल	नाम कालेकर या कुदाल	नाम धर व दोहा कसाफन अलावरी	नामर खसरा	रकबा हर खेत या मौजिन खता मय किरा अलाफी मॉटिक ईक्विव में	लकन जे मूनारा अला सनर है व तहसील जहा व लहात	हिसा या पैमना इकीकन व तहसील मय	मुआमला व गहर मुआमला व हक	बैफिया	
148 मिन 124	165 140 म	नमरदार लछमन दास पुन मनशा राम 155.00 माल	हिमाचल प्रदेश सरकार	मकाना कांतिनदास देह मयसे पुरान		515/505/437/3	407-12-00 बंजर बटोम		कच्चा व पड़ल बजारह शेवट न. (1)	आरन बांड		
166 140 म				कच्चा खंय भोलत गेला (मिथ गदिर)		515/505/437/1 515/505/437/2	00-05-00 बंजर बटोम 00-01-00 बंजर बटोम					
168 141						चिहा 2 अला 2	00-06-00					
						अकूट बंजर बटोम 00-06-00						
						515/505/437	438-13-00 मे.मु.गह					

नोट : हरका...

15-9-21

लोदी मांगरा

DETT. SOLAN (H.P.)

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Vill. बटोमपुरा  
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884  
Asst.  
Deputy  
Prepared  
15-09-2021

नोट : हरका...

न.ई. फि.ई.  
ई.न. 408 लीन दास  
ख.न. 438 मिन रकबा  
तावादी 132-17 बीघा  
मिनमालिय प्रदेश  
सरकार सहा. अनव  
मुंगार पुन हुमा चन्द  
सावन हरीपुर सन्धीली  
बदले मु. 2,13,334 /  
-रु.प्रति वर्ष 5 साल  
के लिए रिनांक 22-06-  
2007 से लेकर 22-07-  
2012 तक लीन पर है।

न.ई. फि.ई.  
473  
तकरील  
कच्चा

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न.ई. फि.ई.  
ई.न. 408 लीन दास  
ख.न. 438 मिन रकबा  
तावादी 4-11 बीघा  
मिनमालिय प्रदेश  
सरकार सहा. अनव  
मुंगार पुन हुमा चन्द  
सावन हरीपुर सन्धीली  
बदले मु. 2,13,334 /  
-रु.प्रति वर्ष 5 साल

पृष्ठ संख्या : 1

## Transcript:

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Banvirpur			Kanungo vrut: Manpura Hadbast no. 174			Patwarvrut: Lodhi Majara Saal: 2013-14			Rakbaikai: Bigha – B - B	
n. khevatva jamabandi	Khaita ni no.	Nam patiyataraf may naam nambardaar tadadmuamla	Naamalik vaa hwal	Naam kastakaarvaa hwal	Naam chah v digarvasa yalayapas hi	Nambarkhasra		Rakbahar khet wajamink hata may kismaarzi mitrikikaiyo me	Lagan jo mujra adakartahaiwahta fseelsharahwatad ad	Hissayapaimana hakivatvatarikam ach	Mutalwavashara hmuamlavahab ub	remarks
						S abik	haal					
1	2	3	4	5	6	7	8	9	10	11	12	13
148 Min 124	165 140 m	NambardaarL aksjaman das putra ManshaRaam 155. mal	Him ach al Pradesh Sar kar	Makbujabashin dehbarayechara nd			515/50 5/437/ 3	407-12-00 Banjar vandim		Kabzavapadtabashr ahkhevat no. (1)	KharajBaach	n.ei. ki. Ei I.N. 408 lease dwara kh.na. 438 min rakwatadadi 132-17 bigha minjaniv Pradesh Sarkar bahakajaykumarpu trahukumchandsak an Haripur khandolibadle mu. 2,13,334 /rs/ per year 5 years from 22-06-2007 to 22-07-2012 is on lease.  Na eika .ei 473 tabdilkabza
166 140 m			Kab za swa m Bhol a Mah esh				515/50 5/437/ 1  515/50 5/437/ 2  Kitta 2 Bata 2	00-05-00 Banjar kadim  00-01-00 Banjar kadim  00-06-00  Akrusht Banjar kadim 00-06-00				



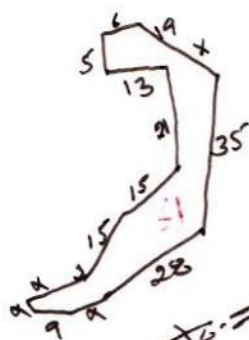
## Transcript:

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 Manakpur			Kanungo vrut: Manpura Hadbast no. 176			Patwarvrut: Lodhi Manala Saal: 2014-15			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
1	2	3	4	5	6	Sa bik 7	ha al 8	9	10	11	12	13
148 maj kur	168 maj kur											
		Joint-land ownership						Kitta 4 Bata 4	846-11-00  Akrushth 846-11-00 Banjar kadim 407-18-00 Gair mumkin 438-13-00			Keliy e date 22- 06- 2007 to 22- 07- 2012 is on leas e



### Proposed SR JattiMajra

ਮਾਨਯੋਗ ਪ੍ਰਾਪਤੀ ਲਈ - ਭਵਿੱਖਮਈ  
 ਸੇਵਾ ਲਈ ਸਹਿਯੋਗ ਪ੍ਰਦਾਨ  
 ਫੰਡਿੰਗ 40 ਲੱਖ ਰੁਪਏ



ਸੇਵਾ ਲਈ ਸਹਿਯੋਗ ਪ੍ਰਦਾਨ  
 ਫੰਡਿੰਗ 40 ਲੱਖ ਰੁਪਏ  
 15-9-21  
 ਸੇਵਾ ਲਈ ਸਹਿਯੋਗ ਪ੍ਰਦਾਨ

**Transcript:**

As per the revenue records this is the map of District Solan (Himachal Pradesh)

Measurement and calculations are 40 units per ich

Note: The map is prepared according to the registry of records for Jal Shakti department and is deemed correct, receipt 37

Graminrajasva Adhikari

Patwarvutt: Lohimjal

The: baddiJila: solan

15/09/2021

SR

**नकल जमाबन्दी**

जिला 10 खोलन      तहसील 08 बही      कानूनगो वृत्त मानपुरा      पटवार वृत्त सोदी मानरा      रकमा इकाई बीघा-वि-बि.  
मौजा मोहाल 020801 जह्नी मानरा      हदबर्तन नं. 172      साल 2017-2018

न.पिचट वा जमाबन्दी	खुलेली नं.	नगर पुरी वा सरका मय नाम मकामदार तहसील मुख्यामला	नगर मालिक व पत्न्याल	नगर कलकलार व पत्न्याल	नगर चार व दीपक वाराकल आगवारी	नगर धारवा	रकमा इकाई व पत्न्याल मय वरतन हे व. लकरील शरक व तहसील	रकमा जो मुख्याल वरतन हे व. लकरील शरक व तहसील	रकमा जो मुख्याल वरतन हे व. लकरील शरक व तहसील	रकमा जो मुख्याल वरतन हे व. लकरील शरक व तहसील	रकमा जो मुख्याल वरतन हे व. लकरील शरक व तहसील	रकमा जो मुख्याल वरतन हे व. लकरील शरक व तहसील
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
60 वित्त 54	75 69	खेप	झमाचल प्रदेश सरकार	गार-आम			61	01-09-00 मे.पु.सराह		ककमा व पट्टा बसराह घेवट न. (1)	खारन अल काड	
		भारतसम नगरदार 112.00 माल										

15-9-20  
सोदी मानरा  
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13-09-2021

नोट : हलका पटवार व वृत्त कारवाये

पृष्ठ संख्या : 1

## Transcripts

NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 012501 JatthiMajra			Kanungo vrut: Manpura Hadbast no. 172			Patwarvrut: Lodhi Manala Saal: 2017-18			Rakbaikai: Bigha – B - B	
n. khevatvaja mabandi	Khai tani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naa m mali k vaa hwal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	rem arks
						Sa bik	ha al					
1	2	3	4	5	6	7	8	9	10	11	12	13
60 min 54	75 69	Tadeb   Bahagt ram nambardaar 112.00 mal	Hima chal Prad esh sark ar	Share aam			61	01-09-00 Gau. Mu. Rasta		KAbzavaPadta  BashrahKhevat no. (1)	KharajAjbach	



## Transcript


NakaJamabandi (Document of Land Records)												
Jila: 10 Solan Mauja		Tehsil: 08 Baddi Mohal: 021901 Raipur Jakhaoli			Kanungo vrut: Manpura Hadbast no. 168			Patwarvrut: Lodhi Majara Saal: 2016-17			Rakbaikai: Bigha – B – B	
n. khevatvaja mabandi	Khaitani no.	Nam patiyataraf may naam nambardaarta dadmuamla	Naam malik vaah wal	Naam kastakaar vaahwal	Naam chah v digarvasaya layapashi	Nambark hasra		Rakbahar khet wajaminkh ata may kismaarzim itrikikaiyo me	Lagan jo mujra adakartahaiwahtafse elsharahwatadad	Hissayapaimanahaki vatvatarikamach	Mutalwavasharah muamlavahabub	remarks
						Sa bik	ha al					
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140 min 126	152 138	Ratifauftratiram putralakhuva ram ratan putrasantuputra ataru Samabhaag 268.00 mal	Himachal Pradesh sarkar	Makbuza malik varavealate valpul			46 m  Kitta 2 Sal am 0 Min 2	220-16-00 Banjar kadim  441-12-00  Akrusth Banjar kadim 441-12-00		KabzavaPadta  BashrahKhevat no. (1)	0.89 Mal 0.54 Swai 0.35	
	154 140			Makbuza malik varavealate valpul			46 m  Kitta 2 Sal am 0 Min 2	111-04-00 Banjar kadim  Akrusth Banjar kadim 222-08-00				
			Joint land owne rship				Kitta 4 Sal am 0 Min 4	664-00-00  Akrusth Banjar kadim 664-00-00				

### Appendix 4: Land Records, Consents and Socio-Economic Profile of Private Voluntary Land Donors

**Table 24: Summary of Land Donors**

S. N o.	G rid	Scheme Name	Proposed component	Name of Village/ Tehsil	Required area (sqm)	Area of Plot (sqm)	Name of the Landowner/ Donor	Khas ra No.	Availability of Land Records/No Objection Certificate	Present Land Use of the Plot	Involunt ary Resettle ment Impact
1	S S 1	LWSS Satyana Shiva	Proposed SR Satyana Shiva	Shiva	121	3237	Sh. Amer Singh	383	Yes	Unused Vacant Land	Nil

**Table 25: Socio-Economic Profile of Voluntary Land Donors**

S. N o.	Nam e of Land owne r	No. of Fam ily Me mbe r (s)	Khas ra No.	Total Land Holdin g (includ e-ing the land for donati on) (Acre)	Total Land Area Require d for compon ent (acre)	Total Land Share of the owner (Acre)	% of Land to be Used for propo sed Const ructio n Again st Total Land Holdin g	Pre sent Land Use of the Plot	Any other Struct ure / Trees/ Crops on the plot	Pri mar y Occ upa tion of HH	Altern ate mean s of Liveli hood/ Incom e Availa ble	Tot al Mon thl y Fam ily Inc om e of HH	Per head per month inc om e	Tot al ann ual Inc om e from the Affe cte d Plot	Typ e of Ho use	Cat- egor y	AP L/ BP L	Ass ets	Wh ether any vul ner abil ity	Photograph
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)					
1	Sh. Amer Singh	4	383	0.8	0.03	0.8	3.75	Unu sed vac ant land	No	Agri cult ure	No	100 00	250 0	NIL	Puc ca Hou se	GE N	AP L	4 sm art ph on es, frid ge, 1 TV s, 1	No	

S. N o.	Nam e of Land owne r	No. of Fam ily Me mbe r (s)	Khas ra No.	Total Land Holdin g (includ e-ing the land for donati on) (Acre)	Total Land Area Require d for compon ent (acre)	Total Land Share of the owner (Acre)	% of Land to be Used for propo sed Const ructio n Again st Total Land Holdi ng	Pre sen t Land Use of the Plot	Any other Struct ure / Trees/ Crops on the plot	Pri mar y Occu pation of HH	Altern ate mean s of Liveli hood/ Incom e Availa ble	Tot al Mo nthl y Fa mil y Inc om e of HH	Per hea d per mo nth inc om e	Tot al ann ual Inc om e fro m the Affe cte d Plot	Typ e of Ho use	Cat- egor y	AP L/ BP L	Ass ets	Wh eth er any vul ner abil ity	Photograph
																		two - wh eel er		



## GRID SS-1

## Proposed SR Satyana Shiva

Consent from Land Owner

I, Amar Singh son/daughter of Saba Ram

am a permanent Resident of Ward no Village Shiva P.O. Jubber Tehsil and District Kasauli - Solan Himachal Pradesh do hereby solemnly affirm and declare that I jointly own land comprising of Khazra Nos 383 I hereby give my consent to donate 121 m<sup>2</sup> of Land to the Jal Shakti Vibhag Himachal Pradesh for construction of SR component under Renovation and Remodelling of Rural Water supply schemes commissioned prior 01.01.2000.

Signature of Land Owner: Amar Singh

1. Amar Singh

2. \_\_\_\_\_

Gram Pradhan  
Panchayat

(Sign and Stamp)


हस्ताक्षर Amar Singh  
दिनांक 19/3/2021

Executive Engineer  
Jal Shakti Division Solan (H.P.) Division

Jal Shakti Vibhag  
(Sign & Stamp)

## Appendix 5: Profile of Affected Person

Table 26 Socio Economic profile of Affected Person

S. No.	Name of Affected Person	Age	Education	Religion	Caste	No. of Family Members	No. Of Dependents	Khasra No.	Total Area of the Plot (Acre)	Total Encroached Area	Total Land Area Required for component (Acre)	Nature of Occupancy	Present Land Use of the Plot	Primary Occupation of Affected Person	Alternate means of Livelihood/Income Available	Total Monthly Family Income of HH (INR)	Per head per month income (INR)	Total annual Income from the Affected Structure	Type of Structure	Photos of Structure/Land	Vulnerable <sup>32</sup>	Asset Ownership	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1	Karnal o Devi	70	illiterate	Hindu	Gen	5	No	107/2	3.714	0.124	0.218	Encroachment (Govt. Land)	Existing Pumphouse and Cattle Shed along with cemented feeding trays to feed animals, store rooms, retiring room	Joint Family two sons having Shops of (Groceries and ) (Pathology Lab.)	No	33000	6600	Nil	Semi Pucca along with cemented feeding trays to feed animals, store rooms, retiring room, toilet, car parking shed and gate		WHH	Two Pucca double storied constructed Houses, Car, Bikes, 04 Smart Phones, Smart TVs, Washing Machine, Mans other assets.	Smt. Karnalo Devi is belonging to the General Category and having a good economic condition. The Family is having two well constructed Houses, shops and other assets. The Cattles they are having for domestic use. No Employee is working

<sup>32</sup>Vulnerable Households/ groups comprise of those living below the poverty line, Woman Headed Households (WHH), elderly headed households, destitute children (orphans, child workers), scheduled caste, scheduled tribes, disable-headed household, and transgender people, landless persons and those without legal title (NTH).

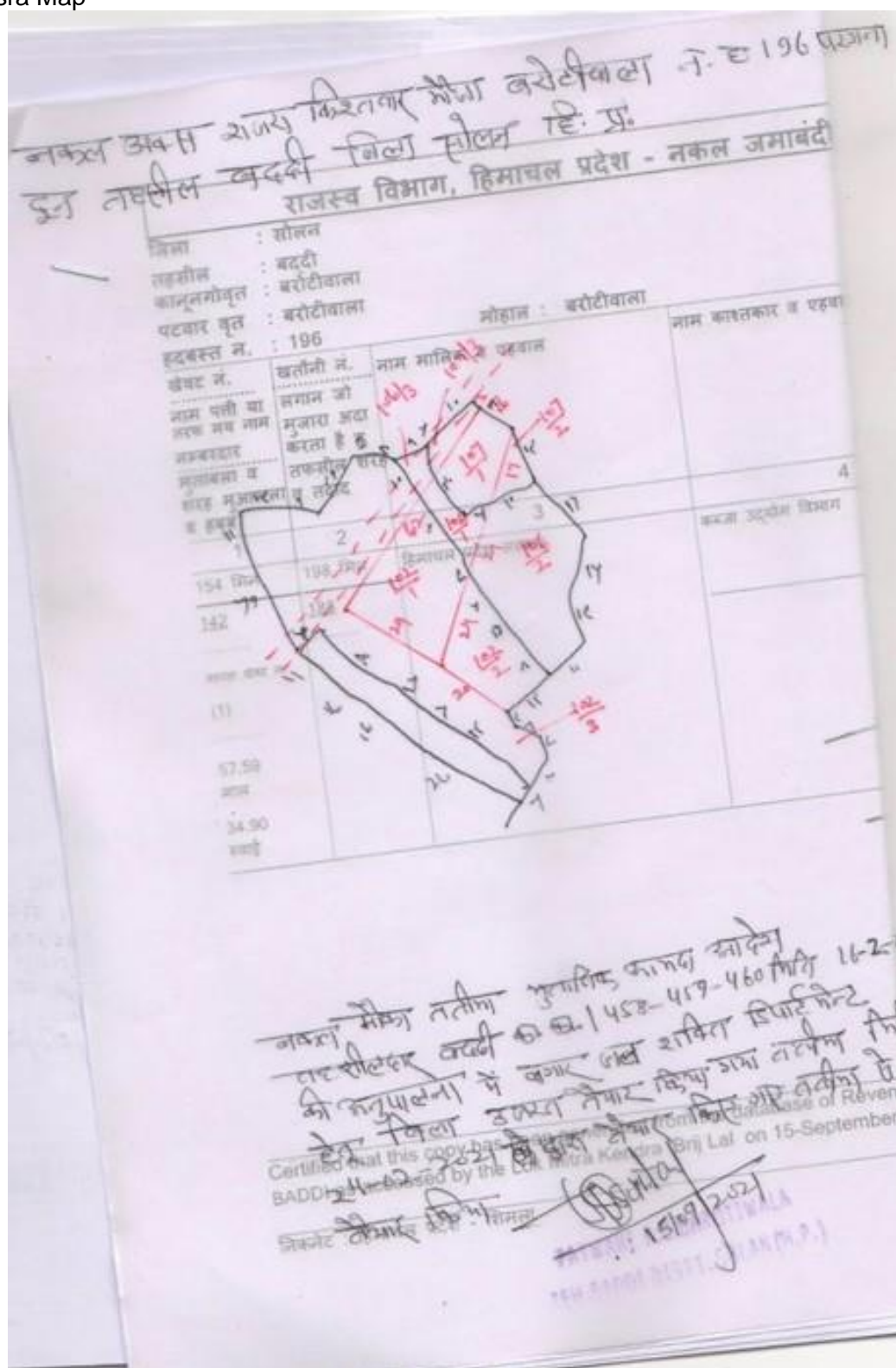
The Planning Commission, Government of India, in its press note on Poverty Estimates, 2011-12 and Reserve Bank of India, specifies rural poverty line of Himachal Pradesh to ₹913 per capita per month based on computation as per Tendulkar Method on Mixed Reference Period (MRP). The Rural poverty line in Himachal Pradesh has been adjusted to ₹1420 for June 2020-21 for an average inflation at 5.04% per annum.

Source: (i) <http://labourbureaunew.gov.in>. (ii) <https://www.ceicdata.com/en/india/consumer-price-index-agricultural-labourers-198687100-by-states/cpi-86p-agri-labourers-himachal-pradesh>

S. N o.	Name of Affect ed Person	Age	Education	Religion	Caste	No. of Family Members	No. Of dependents	Khasra No.	Total Area of the Plot (Acre)	Total Encroached Area	Total Land Area Required for component (Acre)	Nature of Occupancy	Present Land Use of the Plot	Primary Occupation of Affect ed Person	Alternate means of Livelihood/ Income Available	Total Monthly Family Income of HH (INR)	Per head per month income (INR)	Total annual Income from the Affect ed Structure	Type of Structure	Photos of Structure/Land	Vulnerable <sup>32</sup>	Asset Ownership	Remarks
													toilet , car parking shed and gate										in Cattle Shed.

### Appendix 5-a Land details of Proposed WTP site Barotiwala

(i) Khasra Map



## (ii) Revenue Records

P.17 Barotiwala.

राजस्व विभाग, हिमाचल प्रदेश - नकल जमाबंदी				एस.सी.ए रसीद संख्या: 1258135125495066		नकल शुल्क :		
जिला : सोलन		नाम : ABC		पिता/पति : ABC		सेवा शुल्क :		
तहसील : बटोदी		मोहाल : बटोदीवाला		साल : 2015-2016		रकबा ईकाई: बीघा-बि.-बि.		
कानूनगोवत : बटोदीवाला		साल : 2015-2016		रकबा ईकाई: बीघा-बि.-बि.		कैफियत		
पटवार वृत्त : बटोदीवाला		साल : 2015-2016		रकबा ईकाई: बीघा-बि.-बि.		कैफियत		
हदबस्त नं. : 196		साल : 2015-2016		रकबा ईकाई: बीघा-बि.-बि.		कैफियत		
खेवट नं.	खेतीनी नं.	नाम मानिक व एहवाल	नाम कारतकार व एहवाल	नाम पाह व टीमर वतावन आबपाशी	नम्बर खसरा हान	रकबा हर खेत व मिजान खाता मय किस्म अराजी मीट्रीक ईकाइयो में	हिस्सा या पैमाना हकीयत व तरीका बाछ	कैफियत
1	2	3	4	5	6	7	8	9
154 मिन	198 मिन	हिमाचल प्रदेश सरकार	कमला उदयम विमान		102	21-10-00	कमला उदयम विमान	मीट - काला हाक का प
142	188					21-10-00	कमला उदयम विमान	मीट - काला हाक का प
57.59	मान							1/1 का अवन न. 1/1-2
34.90	रवाइ							कमला उदयम विमान

मुद्रांकित

PAIKARI, P.17, BAROTIWALA  
[CH. PRADIP, DIST. SOHAN, H.P.]

लोक मित्र केन्द्र  
पता : सर्विस सेन्टर  
0: 476840780018  
या : लारात सरुजपुर, डिपरा  
नं. धर्मपुर, सोलन हि.प्र.  
दिनांक 15/09/2021

Certified that this copy has been generated from the database of Revenue Department at Tehsil BADDI as accessed by the Lok Mitra Kendra, Brij Lal, on 15-September-2021

To Verify, enter the Copy No above Bar Code at <https://himbhoomik.nic.in>  
For Validity Refer : Notice, No Rev-C/Fy10-1/2009 Dated 14-Feb-2011

निकेत : हिमाचल प्रदेश - सोलन

दिनांक: 15-Sep-2021

पृष्ठ संख्या: 1

Jam1008215975


## (iii) Google Earth Map






**Appendix 5-b Estimated Replacement Cost of Cattle Shed and Other Minor Structures**

Name of scheme :- LWSS T/Well Barotiwalwa in Section Barotiwalwa under T/Well S/Div. Baddi under JSV Div.Baddi (Sh:-Estimated replacement cost of Cattle shed and other minor structure). Dated :- 18.11.2021					
Sr. No.	Description of Item	Approx. qty	Unit	Rate/Unit	Amount
1	Semi pucca cattle sheds along with cemented feeding trays to feed animals.	2	Per	100000	200000
2	Store rooms	2	Per	200000	400000
3	Retiring room	1	Per	70000	70000
4	Shed of Chaff Cutter	1	Per	40000	40000
5	Chaff Cutter	1	Per	15000	15000
6	Toilet with all facility	1	Per	70000	70000
7	Car Parking Shed(Open)	1	Per	50000	50000
8	Gate	1	Per	8000	8000
Total					853000

  
 Assistant Engineer  
 T/Well S/Div. Baddi,  
 Distt. Solan  
 Date:-18.11.2021

  
 Executive Engineer  
 JSV Division Baddi,  
 Distt. Solan  
 Date:-18.11.2021

## Appendix 6: Khasra Map, Revenue Records and Google Earth Imagery of proposed Water Treatment Plants

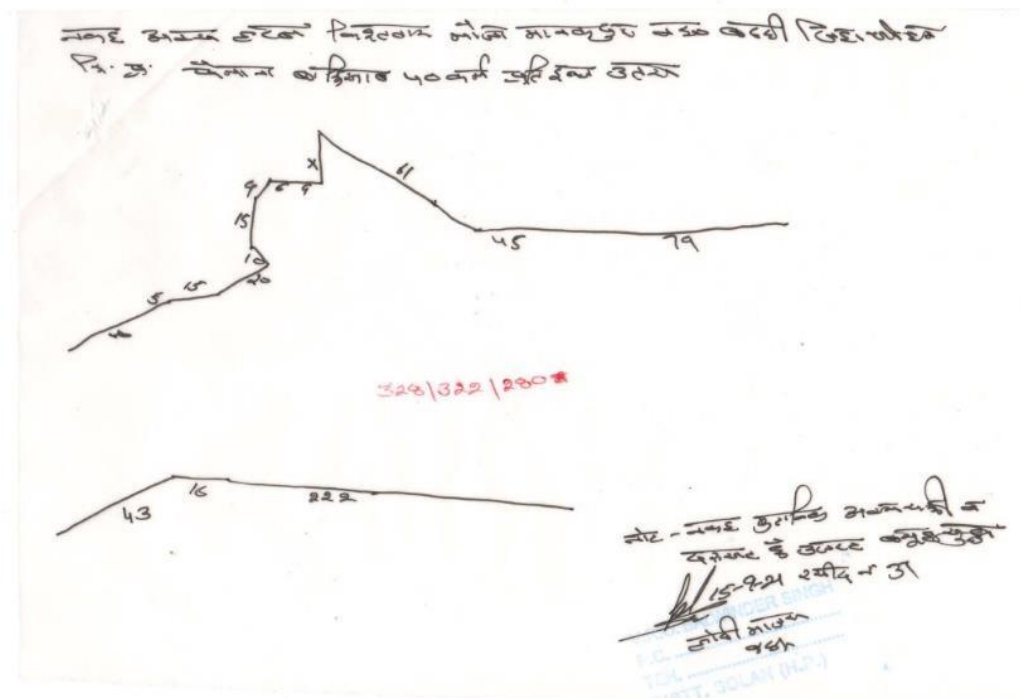
### (A) Grid SS1- Proposed Water Treatment Plant in KotlaBarog Village

- (i) Khasra Map
- (ii) Revenue Records
- (iii) Google Earth Map

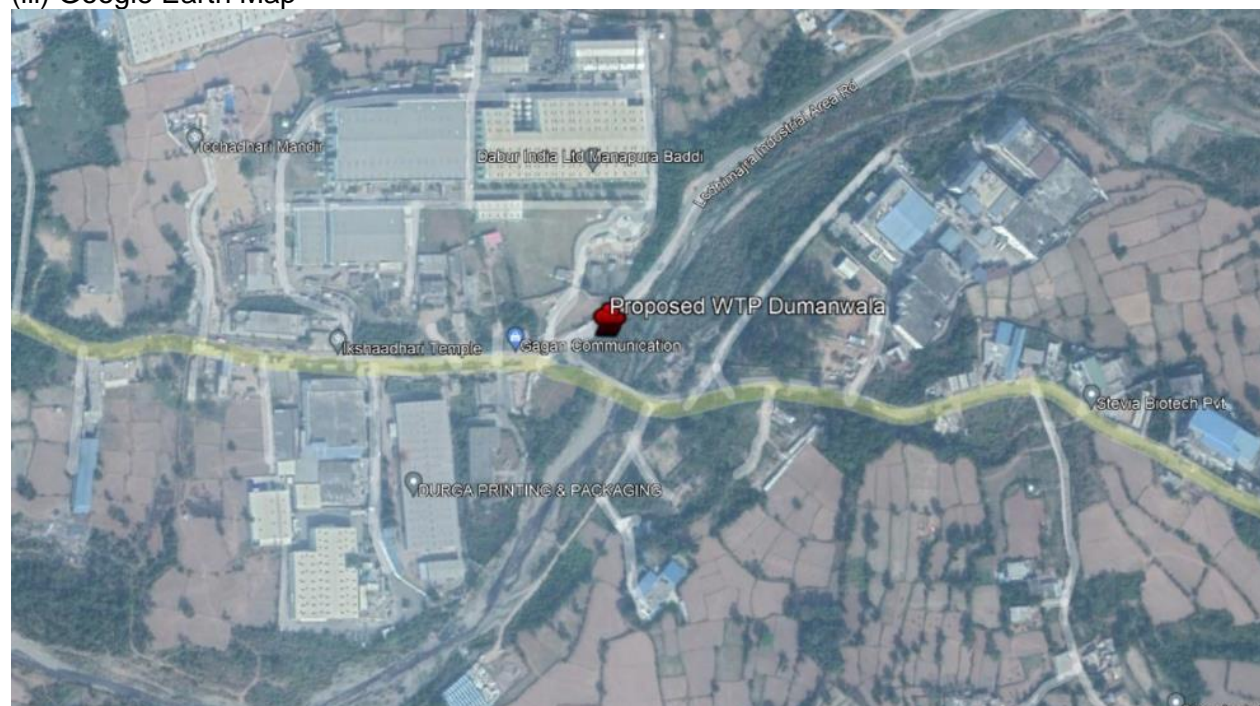


### (B) Grid SS9- Proposed WTP Dumanwala

- (i) Khasra Map



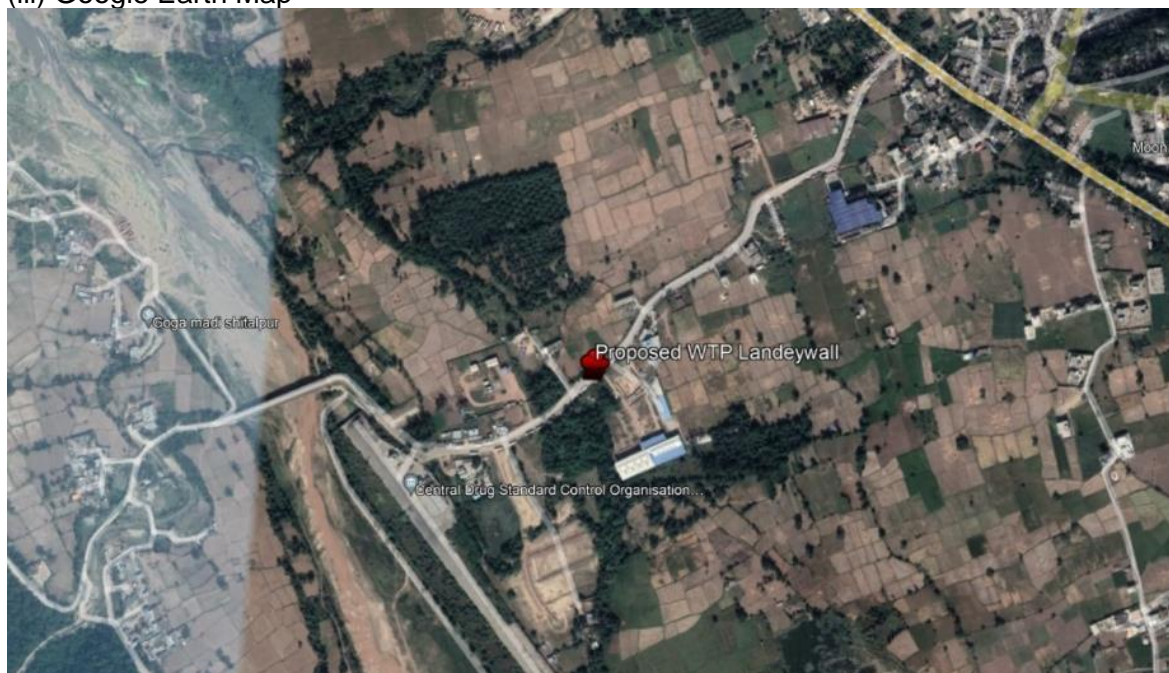
(iii) Google Earth Map





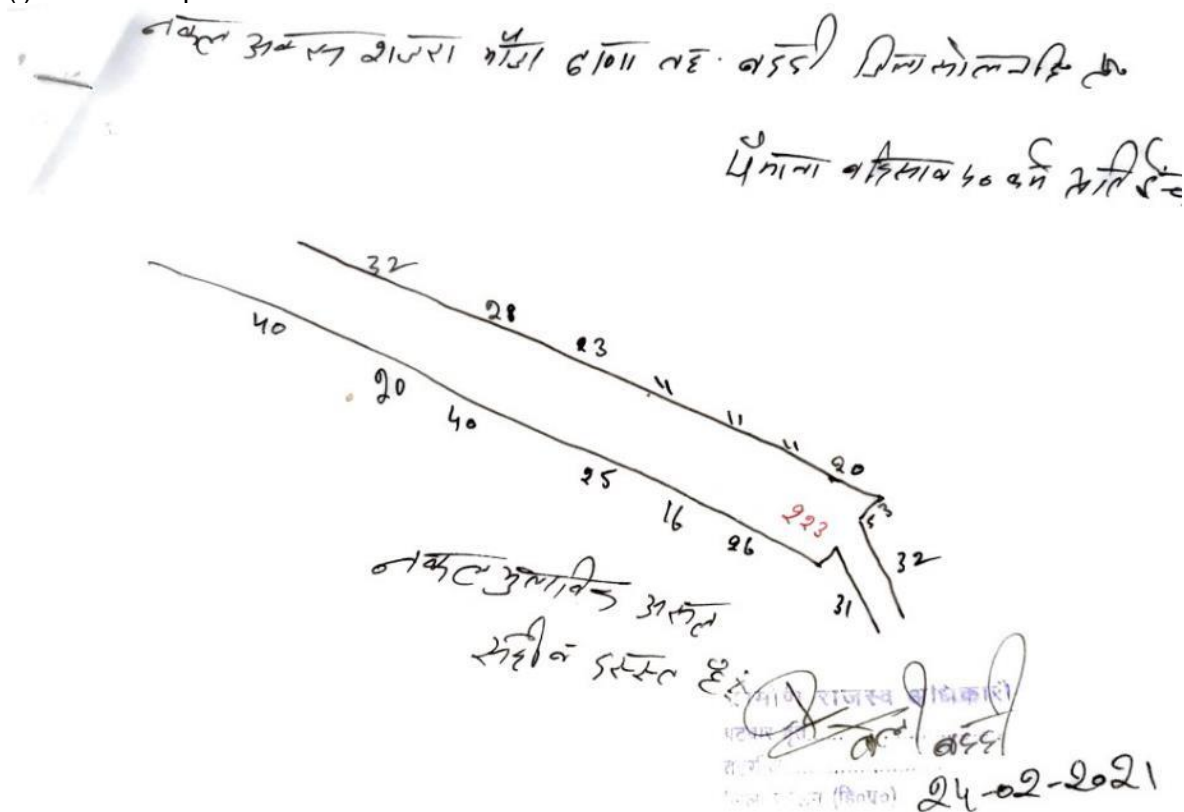


(iii) Google Earth Map



(D) Grid SS9- Proposed WTP AmrooBawasni

(i) Khasra Map





## (ii) Revenue Records

जिला 10 सोलन  
मौजा

तहसील 08 बही  
मोहल 009401 बाणा

नकल जमाबन्दी  
कानूनी वृत्त मानसु  
हदकर नं. 159

पटवार वृत्त भैरी  
साल 2017-2018

रकबा इकाई बीघा-रु. नि.

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साल 2017-2018 के अंतर्गत  
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Computerized  
This is to certify that the Computer  
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Vill. 6104  
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upto 15-6-18  
as per  
Assn.

हस्ताक्षर अधिकारी  
24-02-2021

नोट : हल्का पटवार से है

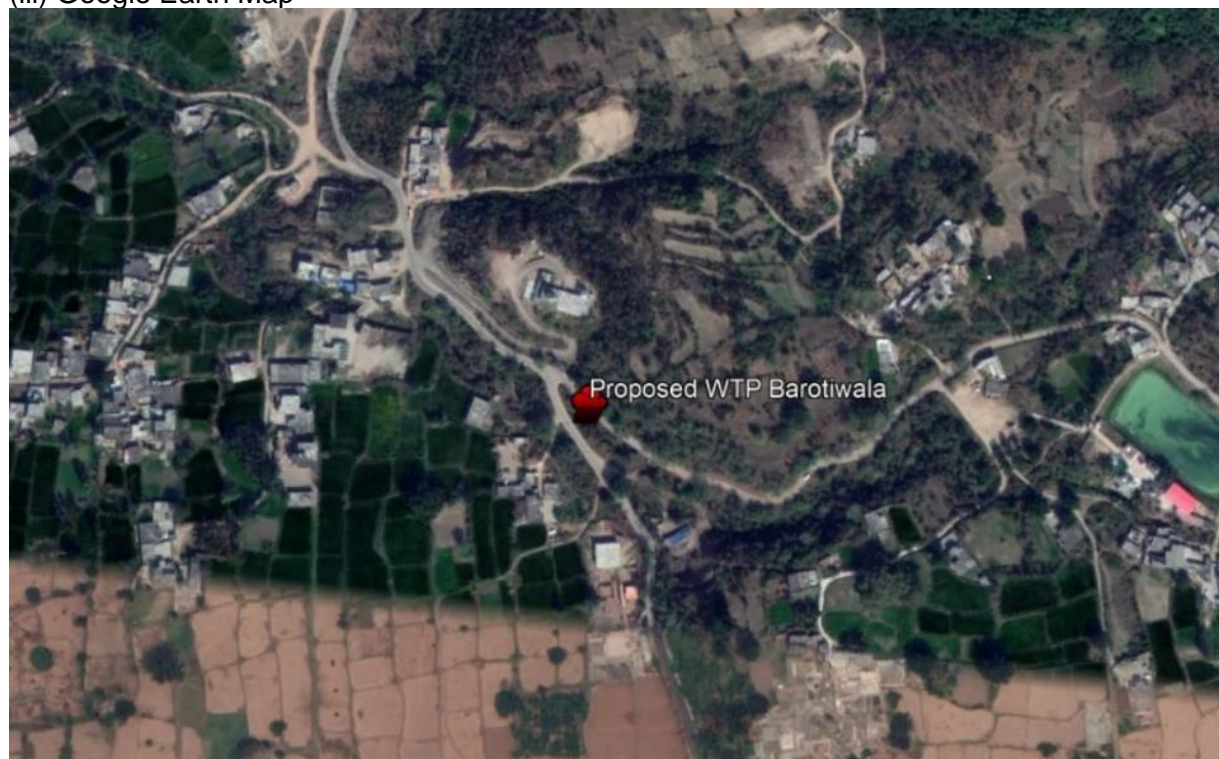
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## (iii) Google Earth Map





(iii) Google Earth Map





# **Appendix 7: Sample Survey: Google Earth Maps of Indicative proposed pipe alignment in Major Roads- SH/NH**

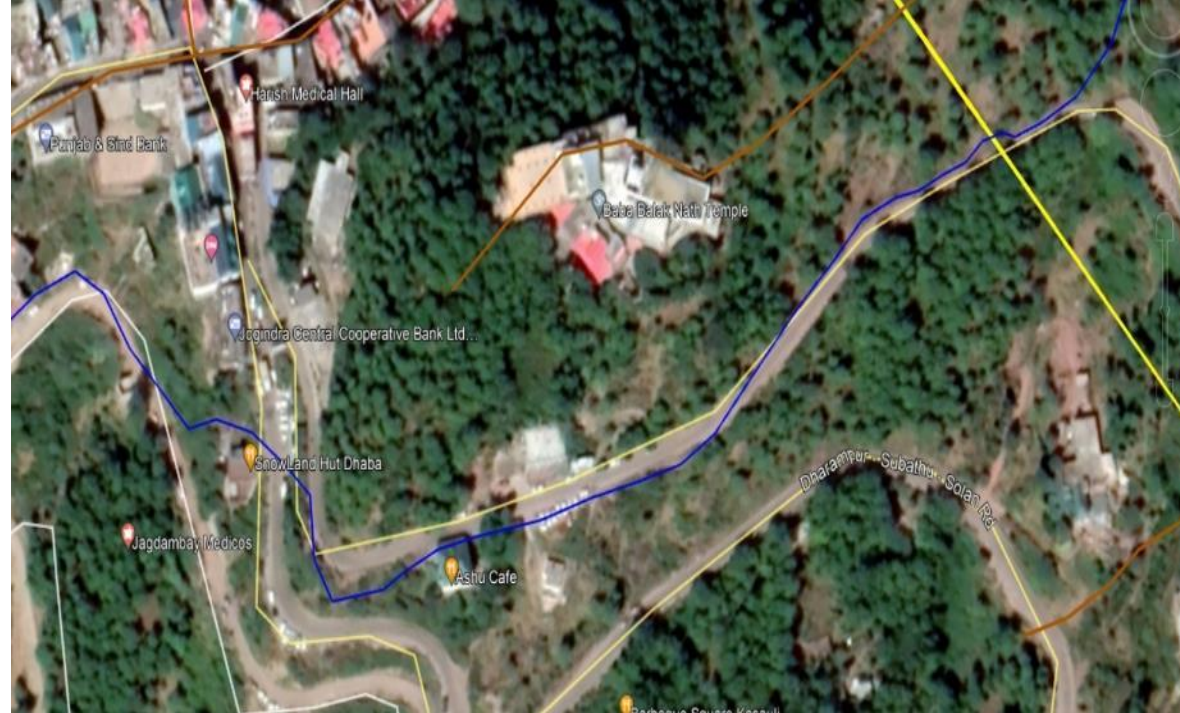
**SS1: Proposed Rising Main on State Highway 6 from Pump house near Proposed WTP at Giri River to Proposed Sumpwell Stage-2 Bigad, (200 mm)**



**SS1: Prop Rising Main from PH Dharampur to MBR Kasauli on National Highway 22 (200mm)**

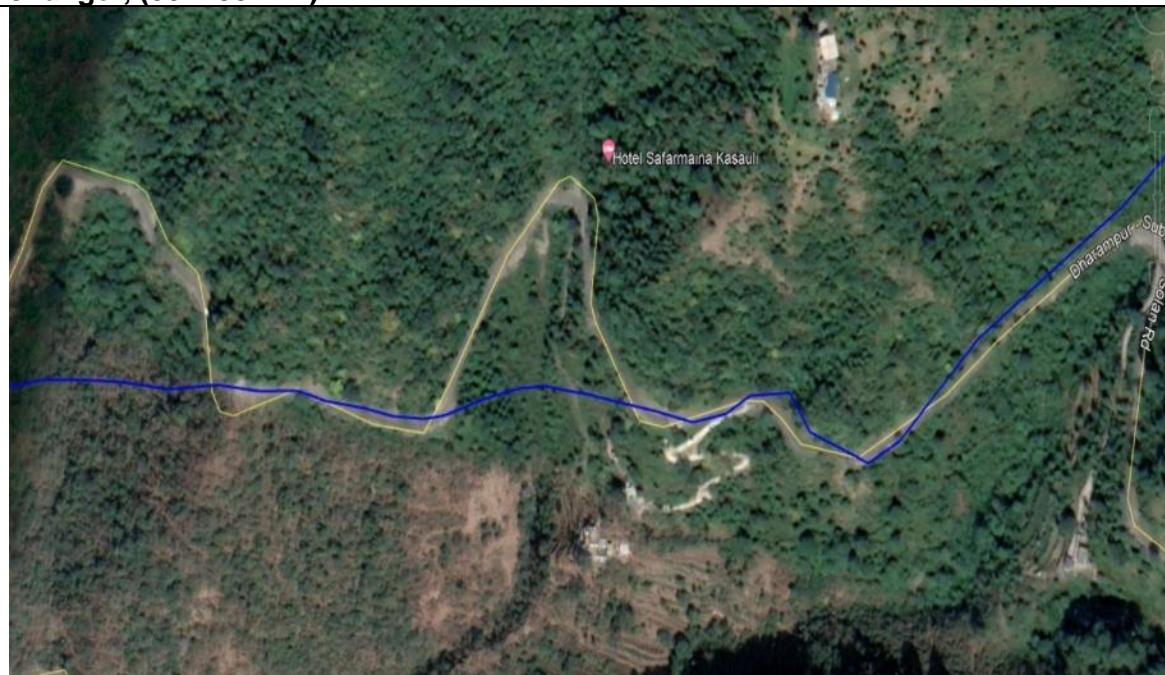




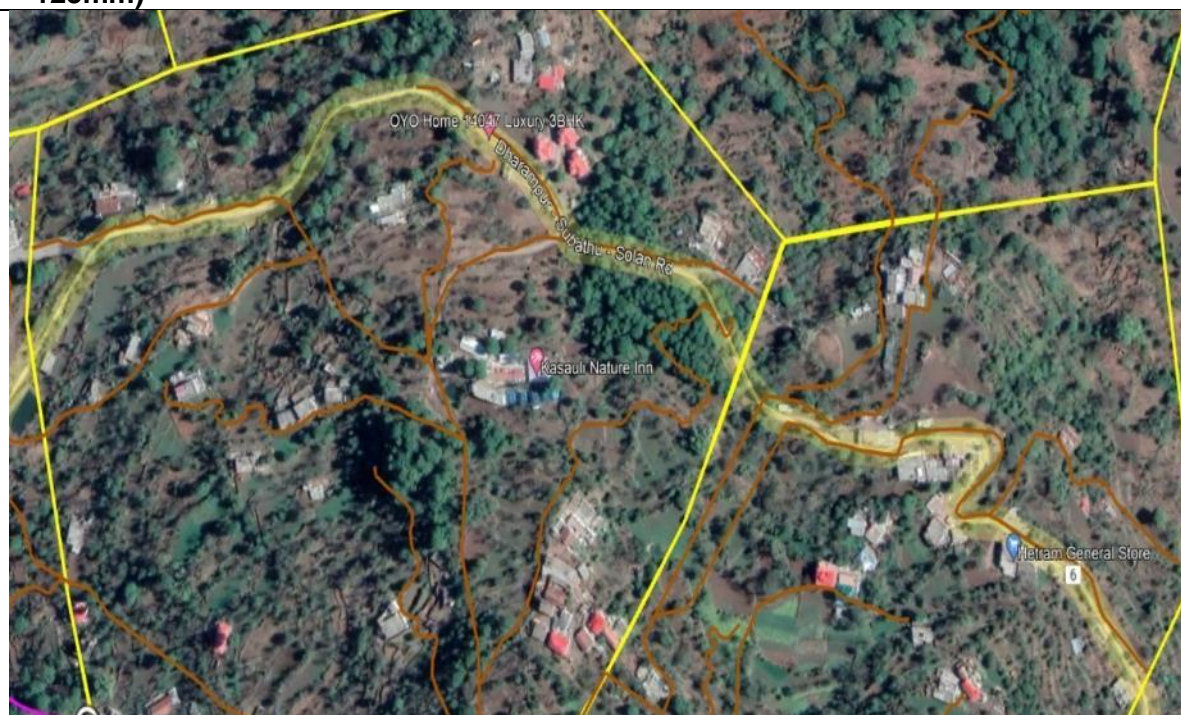
**SS1: Proposed Gravity Main from MBRKasauli to MBRJhanger on State Highway 10 (50MM – 150MM)****SS1: Proposed Distribution Network on SH6 near Hillock Guest House (25MM- 125MM)**



**SS1: Proposed Gravity Main on State Highway 6 from MBR Kasauli to MBR Jhanger, (50 -150 mm)**

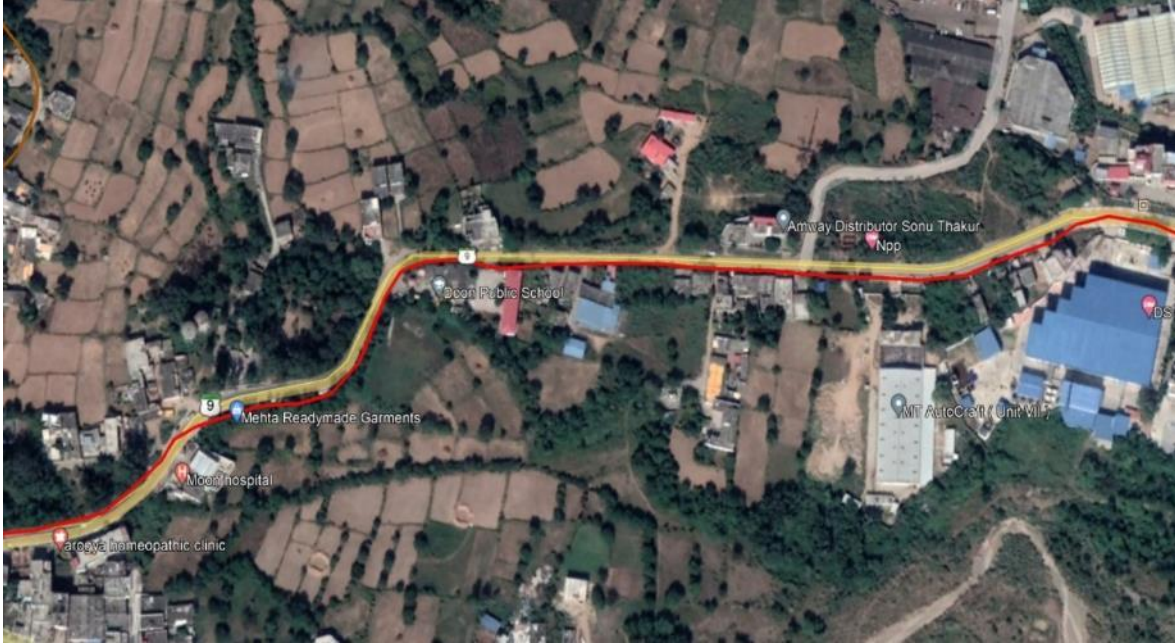


**SS1: Distribution Network on State Highway 6 Dharampur Subathu Solan Road, (25mm – 125mm)**





**SS9: Proposed Rising Main on State Highway 9 from Source T/Well at Barotiwala To SR Damuwala-2, (50 mm)**



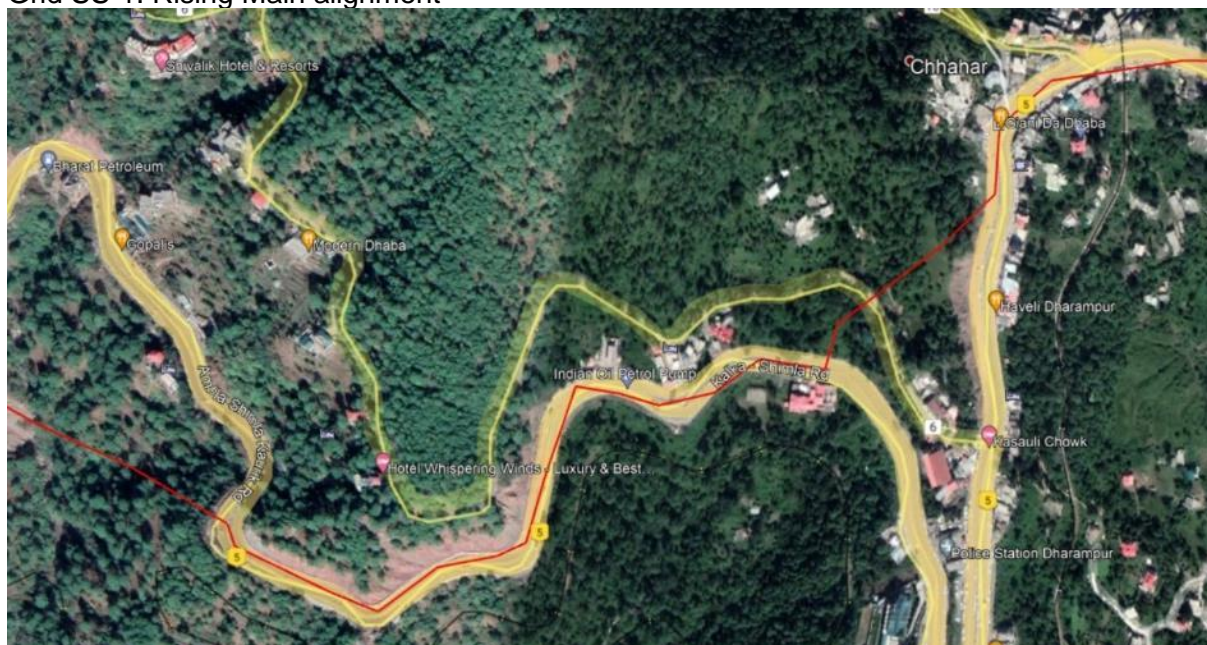
**SS9: Proposed Distribution network on State Highway, (25-125mm)**





## Appendix 8 Sample Survey: Analysis of Indicative Pipeline Alignments at Various Locations in SZ03

Grid SS-1: Rising Main alignment



Grid SS-1: Alignment of Rising main from PH through Kuccha path to Main road.

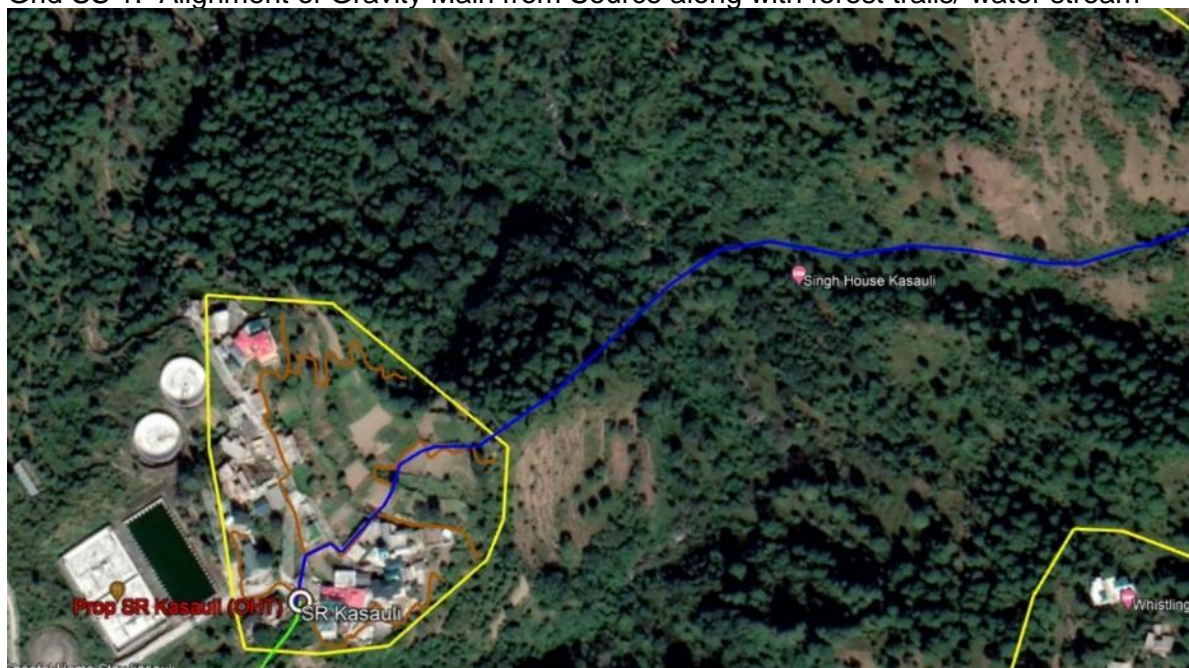




Grid SS 1: Indicative Alignment of Distribution Network through Kaccha pathways and Junctions



Grid SS 1: Alignment of Gravity Main from Source along with forest trails/ water stream



Grid SS9: Indicative Alignment of Gravity Main crossing canal via bridge from WTP



Grid SS 9: Indicative Water Distribution Network through internal village roads





Grid SS 9: Indicative Distribution Network through internal Forest Trails at various junction points



### **Appendix 9: Sample Survey: Market Place Analysis with Google Earth Images and Site Photographs**

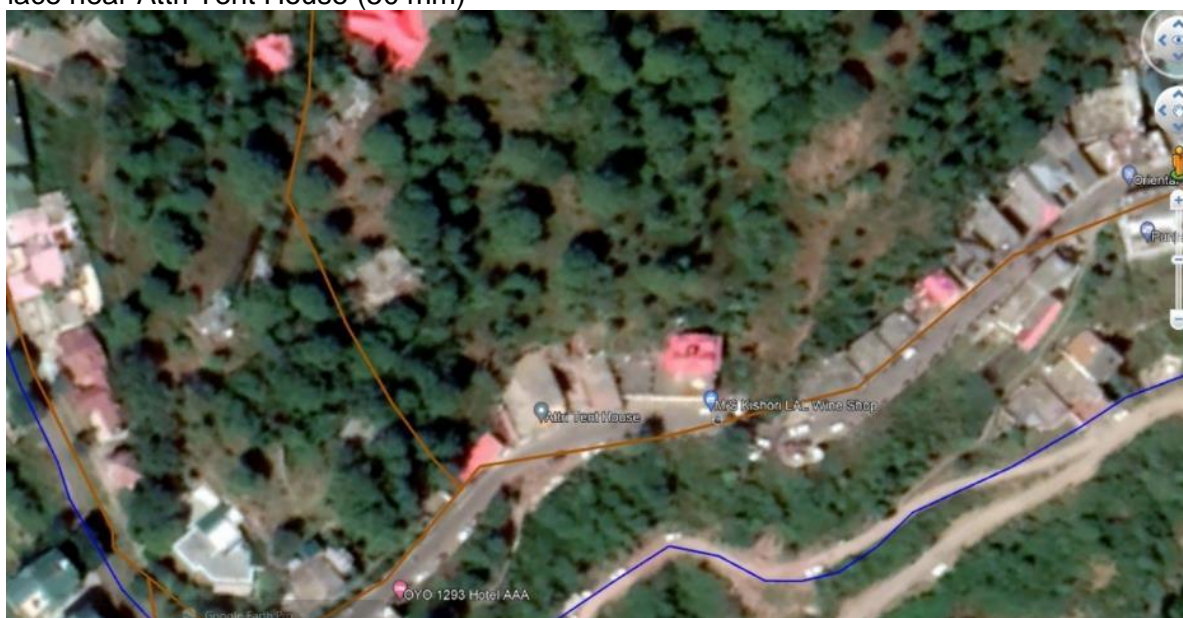
1. SS-1: Indicative alignments of Distribution Network at Market Place in Village Banyad (40-65 mm)







2. SS-1: Indicative Alignments of Gravity Main (80-100 mm) and Distribution Network at Market Place near Attri Tent House (50 mm)







**3. SS-1: Indicative Alignments of Distribution Network and Gravity Main at Market Place near Gram Panchayat office Chamian near. (40-50mm)**



## Appendix 10: Additional Information on Water sources, Intake arrangements and WTPs.

Grid wise details of sources proposed water demand and discharge availability is given in table10-1 and discussed below:

**GRID SS 1: (Source: Proposed intake structure at Giri River)** The intake structure on Giri river will potentially yield 20-25 LPS discharge. The water demand of the command area for year 2042 is 8.2 LPS. Water abstraction from the source is less than 1% of the discharge in Beas river so no major reduction of flow will happen in the source and there will be no water conflict at downstream of the source

**GRID SS 9:** Total **5 Tube well** sources will serve the entire project area comprising of 5 water supply schemes and has a combined total potential yield of 41.5lps. The total water demand for all schemes for ultimate design period (2042) is 27.3lps (65% of water will be abstracted) and hence it can be stated that the water supply sources are sustainable for the project duration.

1. **Source: Proposed Tube well at Dumanwala** Proposed Tube well at Dumanwala has a potential yield of 8 LPS during lean periods. The water demand of the command area to be catered is 6.1 LPS, the source has enough discharge to meet the water demand of the ultimate design year i.e. 2042, As ground water is utilised under grid SS 9, no conflict will arise with any community.

2. **Source: Proposed Tube well at Landeywal** Proposed Tube well at Landeywal has a potential yield of 3 LPS during lean periods. The water demand of the command area to be catered is 1.1 LPS, the source has enough discharge to meet the water demand of the ultimate design year i.e. 2042, As ground water is utilised under grid SS 9, no conflict will arise with any community.

3. **Source: Proposed Tube well at AmrooBawasni** Proposed Tube well at AmrooBawasni has a potential yield of 6 LPS during lean periods. The water demand of the command area to be catered is 3.6 LPS, the source has enough discharge to meet the water demand of the ultimate design year i.e., 2042, As ground water is utilised under grid SS 9, no conflict will arise with any community.

4. **Source: Proposed Tube well at Mandhala** Proposed Tube well at Mandhala has a potential yield of 7 LPS during lean periods. The water demand of the command area to be catered is 5.5 LPS, the source has enough discharge to meet the water demand of the ultimate design year i.e., 2042, As ground water is utilised under grid SS 9, no conflict will arise with any community.

5. **Source: Existing Tube well at Barotiwala** Existing Tube well at Barotiwala has a lean period discharge of 17.5 LPS. The water demand of the command area to be catered is 11 LPS, the source has enough discharge to meet the water demand of the ultimate design year i.e. 2042, As ground water is utilised under grid SS 9, no conflict will arise with any community.

All sources are duly selected keeping in mind the downstream conditions and water requirement. Two kilometres downstream of the source, it was observed that there will not be any significant water reduction that will impact the users downstream. Sources like Giri River have huge water discharge, and in our package, we are extracting (<1%) of that discharge to serve a particular command area or scheme. Khads are tributaries of rivers and similarly nallahs are tributaries of Khads. Nallahs are small water tributaries that

are both rain and snow fed. They are used to feed the water demand of a particular area and hence, do not impact the downstream users as they will be having a separate nallah source to feed them.

**Table 10-1: Details of Sources, Yield and Water Demand for the Year 2042**

Grid	Source Type	Yield (LPS)	Water Demand (LPS) for 2042	% of Water Abstraction
SS1	Proposed intake structure at Giri River)	22.5	8.2	36.44
		22.5	8.2	36.44
SS9	Proposed Tube well at Dumanwala	8	6.1	76.25
	Proposed Tube well at Landeywal	3	1.1	36.66
	Proposed Tube well at AmrooBawasni	6	3.6	60.00
	Proposed Tube well at Mandhala	7	5.5	78.57
	Existing Tube well at Barotiwala	17.5	11	62.85
		41.5	27.3	65.78
	<b>Total</b>	<b>257520.7</b>	<b>60.23</b>	<b>55.46</b>

Source: Discharge certificates, Detailed Project Report 2020-2021

Solan district is drained by streams/rivers forming part of the drainage basins of the Sutlej, the Yamuna and the Ghaggar rivers. However, major part of the district is drained by tributaries of Sutlej river viz., Ghambar River and Sirsa nadi. Ghambar River flows almost from the central part of the district towards north-east to join the Sutlej River in Gobind Sagar Lake. Another important tributary of the Sutlej River is the Sirsa Nadi, flowing towards north-west in the Nalagarh valley. The Giri River and its tributary, Assan flows towards south in the eastern part over a small area and are part of Yamuna river basin. Ghaggar River flows towards south-west and marks the south-eastern boundary of the district. Most of the rivers/streams/khads maintain base flow for major part of the year. In hilly terrain, the drainage density is high and fine, but it become coarse in foothills, kandi areas and valleys. Direct abstraction only for the subproject of water is proposed from Giri river, remaining proposed sorces are tubewells. Maps showing river course, tributaries, and proposed intake/check dam location etc are given in Figure below.

1. **GiriRiver:**Giri River is also famous as “Giri Ganga” and is an important river which feeds the Yamuna river. Giri River originates from the hills of Kotkhai and drains at the parts of Himachal in the south eastern areas. It flows through the district of Sirmaur and further merges with the Yamuna River. At this point, it divides the Sirmaur district into two equal parts which are Cis-Giri and Trans-Giri region and then they joins Yamuna upstream of Paonta below Mekkampur. Giri is one of the important tributaries of the Yamuna River.

2. **Gambher River:** It is a tributary of river Satluj which chiefly flows from Mandi and Solan districts. The river flows in a north-westerly direction in the district. Its catchment falls within the five blocks (Kandaghat, Solon, Dharampur, Kuniyar, Nalagarh of Solan district and Bilaspur of Bilaspur district).



3. **Ashwini Khad:** Ashwani Khad enters District Solan upstream of Village Sadhupul. The catchment area in District Solan mainly comprises of villages i.e. Kohari, Ded, Galai, Mathia, Shanbar, Andi, Sunnu Tikri, Bayela, Jalkhara, Dawarli and exits District Solan at Village Gaura near Yashwantnagar. The total stretch of Ashwani Khad in District Solan is approx. 22 Km. The Ashwani Khad meets River Giri at Village Gaura in Yashwantnagar. There is no industrial area in the entire stretch of Ashwani Khad in Solan District from Sadhupul till it meets River Giri at Yashwant Nagar. Yashwant Nagar falls in Sirmour district of Himachal Pradesh.
4. **Sirsa Nadi:** Sirsa river is a perennial river which flows south-westerly in the area and joins Sutlej 10 kilometres upstream of Ropar. The river enters the Himachal Pradesh in Solan district near Baddi and flows down to the Sutlej River in Punjab

**Figure 4: Map showing water bodies and sources**



### Appendix 11: Consent form of Voluntary Land Donation from Landowners for Project Components and Pipe Laying

I, \_\_\_\_\_ son/daughter of \_\_\_\_\_  
 am a permanent Resident of Ward no \_\_\_\_\_, \_\_\_\_\_ Tehsil and District  
 \_\_\_\_\_ Himachal Pradesh, do hereby solemnly affirm and declare that I jointly own land  
 comprising of Khasra Nos. \_\_\_\_\_ I hereby give my  
 consent to donate \_\_\_\_\_ m<sup>2</sup> of Land to the Jal Shakti Vibhag Himachal Pradesh for  
 construction of \_\_\_\_\_ component under **Renovation and Remodelling**  
**of Rural Water supply schemes commissioned prior 01.01.2000.**

Signature of Landowner

Gram Pradhan

1. \_\_\_\_\_

\_\_\_\_\_ Panchayat

2. \_\_\_\_\_

\_\_\_\_\_

(Sign and Stamp)

Executive Engineer

\_\_\_\_\_ Division

Jal Shakti Vibhag

(Sign & Stamp)

## **Appendix 12: Terms of Reference for Independent Third Party for Voluntary Land Donation/Negotiated Settlement**

1. For any voluntary donation of land, an external independent entity will supervise and document the consultation process and validate the negotiated purchase/ land donation process as per legal requirement.

### **Terms of Reference for Independent Third-Party Witness**

2. An independent third party is sought to be appointed to oversee and certify the process of negotiated purchase/ land donation. The third party shall be briefed about his/her expected role and deliverables by the PMU/PIU/PDMSC (safeguard officer/assistant safeguard officer/SSS).

3. **Eligibility.** The third party shall be a representative of the community (for example, a leader of the community with formal/legal standing, a representative of a local NGO/CBO with formal and legal standing) or an institution, without any direct interest in the negotiation process or subproject activity, who is acceptable to each of the concerned parties (PMU/PIU and concerned landowner/donor).

4. **Scope of Work.** The role of the third party shall be to ensure a fair and transparent process of negotiation/donation. The envisaged scope of work shall entail the following:

- (i) witness and keep a record of meetings held with the concerned parties;
- (ii) ensure there is no coercion involved in the process of negotiated purchase/land donation;
- (iii) ensure that the donor(s) are not coming from vulnerable groups/poor families;
- (iv) ensure that the preferences and concerns of the land owner/donor related to access, selection of site within lands held, etc. are recorded and any stipulated conditions met;
- (v) ensure that the negotiated purchase/land donation agreement is drafted in a fair and transparent manner;
- (vi) confirm that the offered/agreed price is fair and meet the market price of the land with similar value and condition in the area;
- (vii) ensure the negotiated purchase/donation does not result any negative impacts to the third party associated with the purchase/donation activity;
- (viii) identify and recommend mitigation measures to land owner/donor/affected third party, if required;
- (ix) ensure that taxes, stamp duties and registration fees for purchased/donated land are borne by government; and
- (x) submit a report and signed certificate as witness to the purchase/ donation and transfer process.

5. **Deliverables:** The details of the meetings, socio economic back ground of the land/assets owner(s) and a certificate/reports as witness to the purchase/donation process and mitigation measures to owner/donor, if any, shall be submitted by the third party to PMU/PIU and owner/donor in the local language and share with ADB for review.



### Appendix 13: Sample Certification Formats

This is to certify that Mr./Mrs. XXXXXXXXXXXXXXXXXXXX, (profession, designation, address) is appointed as independent third party to certify the process of negotiated purchase/donation of plotno.....area.....owned/donatedbyXXXXXXXXXX(names o fowner), Who is a signatory to this certificate.It is also placed on record that none of the signatories to this certificate have any objection to appointment of xxxx as third-party witness.

Date \_\_\_\_\_

Officers JSV and land donor

1. \_\_\_\_\_

2. \_\_\_\_\_

I, \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ (address) certify that I was witness to the process of  
 negotiated purchase / land donation (details of plot \_\_\_\_\_  
 \_\_\_\_\_ from XXXXXXXXXXXX landowners' names). I certify that:

1. The process of purchase / donation of the said land was transparent; the landowner(s) was/were happy to sell/donate the land for the welfare of the community.
2. No coercion was used in the purchase/donation process.
3. Land transfer costs (registration fee and stamp duty) were borne by the government and not by the owner/donor.
4. All concerns expressed by the owner/donor as agreed, were addressed and no pending issues remain.
5. The following mitigation measures were identified and implemented / provided to the landowner/donor.
6. Attached are the minutes of meetings held between project proponents and the landowner/donor, which I was witness to.

Signed/ Name \_\_\_\_\_

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Encl: Minutes of meetings held between landowner/donor and project proponents

## Appendix 14: Grievance Registration Format

(to be available in local language)

The \_\_\_\_\_ Project welcomes complaints, suggestions, queries and comments regarding project implementation.

Aggravated persons may provide grievance with their name and contact information to enable us to get in touch for clarification and feedback.

In case, someone chooses not to include personal details and wants that the information provided to remain confidential, please indicate by writing/typing **\*(CONFIDENTIAL)\*** above Grievance Format.

Thank you.

<b>Date</b>	<b>Place of registration</b>				
<b>Contact Information/Personal Details</b>					
<b>Name</b>		<b>Gender</b>	* Male *Female	<b>Age</b>	
<b>Home Address</b>					
<b>Place</b>					
<b>Phone no.</b>					
<b>E-mail</b>					
<b>Complaint/Suggestion/Comment/Question</b> Please provide the details (who, what, where and how) of your grievance below:  If included as attachment/note/letter, please tick here:					
<b>How do you want us to reach you for feedback or update on your comment/grievance?</b>					

### FOR OFFICIAL USE ONLY

<b>Registered by:</b> (Name of Official registering grievance)	
<b>Mode of communication:</b>  Note/Letter E-mail Verbal/Telephonic	
<b>Reviewed by:</b> (Names/Positions of Official(s) reviewing grievance)	
<b>Action Taken:</b>	
<b>Whether Action Taken Disclosed:</b>	Yes No
<b>Means of Disclosure:</b>	

### Appendix 15: Indigenous Peoples Specific Action Plan Reporting Template

This Indigenous People Specific Action Plan implementation report shall be prepared on a quarterly basis for the project for which RP is prepared. This report will be part of the quarterly progress reports/semi-annual monitoring report and will be submitted by PMU to ADB.

**Name of Project: Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project**

S. No.	Specific Activities	Means of Verification	Responsibility	Timeline	Status/Remarks
1.	Identify and include IP households and localities in coverage area	Baseline data generated from the house service connection survey and secondary data analysis*	Contractor/ Project Consultants/ PMU/PIU	Year 1	
2.	Proposed benefits to IP households <ol style="list-style-type: none"> <li>1. Participation of IP in awareness campaigns</li> <li>2. Participation of eligible/targeted IP in training programs through convergence with government programs.</li> </ol>	Project documents (subproject scope)	Contractor/ Project Consultants/ PMU/PIU	1. Year 2 onwards 2. Year 1 onwards; Throughout project duration 3. Year 1-3	
3.	Type of consultations planned with IP households (stage of project cycle) <ol style="list-style-type: none"> <li>1. Pre-Construction</li> <li>2. Construction</li> <li>3. Post Construction</li> <li>4. Other</li> </ol>	Detailed report on consultation in MPR/QPR (as submitted by the project consultants)/ Semi-annual social monitoring reports with photographs	Project Consultants/ PMU/PIU	Year 1 onwards	

S. No.	Specific Activities	Means of Verification	Responsibility	Timeline	Status/Remarks
4.	Grievance Redress Mechanism established at different levels	Government order/notice/little specifying inclusion IP representation in GRC as described in the project GRM Report related to project grievance reflected in the monitoring reports of the Project	PMU/PIU	Year 1	
<b>Monitoring – Project completion stage</b>					
5.	Monitoring Survey including assessment of coverage and satisfaction levels of IP households with subproject work completed/ subproject intended benefits vs actual benefits to the IP community.	End-line survey report and project completion report (PCR)	Project Consultants/ PMU/PIU	Year 3	

NOTE: \*Census 2011 may not be the sole source. Other reliable sources may be explored such as Town specific Tribal Welfare Department, Municipality

Where applicable, the information provided in the table should be supported by detailed explanatory report, receipts, consultation, photographs and other details.

ADB = Asian Development Bank, DMF = Design Monitoring Framework, GRC = Grievance Redress Committee, IP= Indigenous peoples, MPR = Monthly Progress Report, PIU = Project Implementation Unit, PMU = Project Management Unit, QPR = Quarterly Progress Report.

**Appendix 16: Detailed Policy Comparison**

<b>S.No</b>	<b>Involuntary Resettlement Policy Principle</b>	<b>ADB Safeguard Policy Statement (SPS)</b>	<b>Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)</b>	<b>Acquisition of Land by Private Negotiation (Standing Order No. 28)</b>	<b>Measures to Bridge Gaps</b>
1	Screen project	Screen the project to identify past, present and future involuntary resettlement impacts and risks. Conduct survey and/or census of displaced persons, including a gender analysis, specifically Related to resettlement	<p>Section 4 (I) it is obligatory for the appropriate Government that intend to acquire land for a public purpose to carry out a Social Impact Assessment study in consultation with concerned Panchayat, Municipality or Municipal Corporation, as the case maybe, at village level or ward level in the affected area.</p> <p>The Social Impact Assessment study report shall Be made available to the public in the manner prescribed Under section 6.</p>	No provision for conducting SIA	<p>There is no gap between RFCTLARR and ADB SPS for conducting SIA.</p> <p>Gap in screening past, present and future involuntary resettlement impacts and risks. The Project will undertake screening of all subprojects using the ADB involuntary resettlement checklist, to identify past, present and future involuntary resettlement impacts and risks.</p> <p>SIA will be carried out for all land owners from whom land is being procured through negotiated purchase or land donation.</p>
2	Consult stakeholders and establish grievance redress mechanism (GRM)	Carryout consultations with displaced persons, host communities and concerned NGOs. Informally displaced persons of their entitlements and resettlement options	Whenever a Social Impact Assessment is required to be prepared under section 4, the appropriate Government shall ensure that a public hearing is held at the affected area, after giving adequate publicity about the date, time and venue for the public hearing, to ascertain the views of the affected families to be recorded and included in the Social Impact Assessment Report. The Land Acquisition Rehabilitation and Resettlement	<p>Private negotiations provide the opportunity to affected persons to put forth their views and objections.</p> <p>There are maximum about 3 rounds of negotiations</p>	<p>Negotiation for land purchase is a consultative process and allows the land owners to voice their concerns.</p> <p>Gap in establishing a project-level GRM for projects that do not have significant resettlement impacts. The Project will establish project- level GRM.</p>

S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
			Authority shall be established in each State by the concerned State Government to hear disputes arising out of projects where land acquisition has been initiated by the State Government or its agencies.		
3	Improve or at least restore, the livelihoods of all displaced, and payment at replacement cost	Improve or restore the livelihoods of all displaced persons through:(i) land- based resettlement strategies; (ii) prompt replacement of assets with access to assets of equal or higher value, (iii) prompt compensation at full replacement cost for assets that cannot be restored, and(iv) additional revenues and services through benefit sharing schemes where possible.	The Deputy Commissioner (DC) having determined the market value of the land to be acquired shall calculate the total amount of compensation to be paid to the landowner (whose land has been acquired) by including all assets attached to the land.	The Standing Order provides guidelines the DLFC will fix the replacement cost of land and other immovable assets as per the provision of Section 26, 27, 28, and 29 and Schedule I of RFCTLARR Act 2013. Also, structures are valued as per Basic Schedule of Rates including depreciation.	<p>There is a gap between government policy and ADB SPS. RFTCLARRA does not recognize loss of livelihoods to non-titled users of government land.</p> <p>Moreover, RFCTLARRA does not recognize non-titleholders present on private land for less than three years; and the Standing Order no. 28 is silent on the issue of livelihood impacts to non-titled users of private land being purchased through negotiation.</p> <p>The entitlement matrix ensures compensation against livelihood impacts to restore the livelihoods of permanently and temporarily affected persons, including non-titleholders.</p> <p>Assets to be compensated at replacement cost without depreciation</p>

S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
4	Assistance for displaced persons	Provide physically and economically displaced persons with needed assistance	Schedule I, provides market value of the land and value of the assets attached to land. Schedule II provides resettlement and rehabilitation package for landowners and for livelihood losers including landless and special provisions for Scheduled Tribes.	Not specified	No gap between ADB SPS and RFCTLARR. Entitlement Matrix outlines compensation and assistance for affected persons.
5	Improve standard of living of displaced vulnerable groups	Improve the standards of living of the displaced poor and other vulnerable groups, especially those below the poverty line, the landless, the elderly, women, children, indigenous peoples, and those without title to land, to at least national minimum standards	Special provisions are provided for vulnerable groups.	The Standing Order has no special provisions for vulnerable groups/persons.	No gap between SPS and RFCTLARR. Entitlement Matrix outlines assistance for vulnerable groups, as defined by ADB policy.
6	Negotiated settlement	Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain the same or better income and livelihoods status	Section 46 of RFCTLARR Act, 2013 permits direct purchase of land and undertaking direct negotiation with the landowner.	The GOHP has issued a Standing Order for acquisition of private land by negotiation. the negotiation committee constituted for the purpose by the Government. successfully concludes the market value of the land with the owners as per the general instructions and further acceptance by the land owners, the detailed	To ensure a fair and transparent process, a third-party independent monitor will be hired to certify the process the negotiated purchase was undertaken in a transparent, consistent and equitable manner..  The third-party independent monitor will also confirm receipt of land sold by the land owners and the adequate agreed



S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
				proceedings to this effect would be drawn and sent to the Govt. for approval of the negotiated rates through the Deputy Commissioner. The entire negotiated amount will be paid in a single installment within one month of negotiations either by electronic transfer (routine mode) or by cheque if affected persons requests.	amount is received.  Negotiation is allowed under section 46 of the RFCTLARR Act, and the amount paid is subject to income tax. - in the event of any deduction is made toward taxes, the project will reimburse such amounts.
7	Compensation for nontitle holders	Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets. In the rural area, provide them with access to resources. In the urban area, provide them with access to housing.	Schedule II provides benefits to families whose livelihood is primarily dependent on land acquired	Not applicable	There is a gap between ADB SPS and RFCTLARRA on compensation and assistance to non-titleholders on government land and those using private land for less than 3 years. Entitlement Matrix outlines compensation and assistance for nontitle holders, including squatters, encroachers, sharecroppers and businesses.
8	Prepare Resettlement and Indigenous Peoples Plan (RIPP)	Prepare a Resettlement and Indigenous Peoples Plan (RIPP)/indigenous peoples plan on displaced persons' entitlements, the income and livelihood restoration strategy,	Preparation of Rehabilitation and Resettlement Scheme including timeline for implementation. Section: 16. (1) and (2). Separate development plans to be prepared. Section 41	Not specified	No gap between ADB SPS and RFCTLARR. Resettlement and Indigenous Peoples Plan (RIPP) will be prepared for subprojects with involuntary resettlement impacts.

S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
		institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule.			
9	Disclose Resettlement and Indigenous Peoples Plan (RIPP)	Disclose a draft Resettlement and Indigenous Peoples Plan (RIPP), including documentation of the consultation processing a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to displaced persons and other stakeholders. Disclose the final Resettlement and Indigenous Peoples Plan (RIPP)s/DDR and its updates to displaced persons and other stakeholders.	Under clause 18, the Commissioner shall cause the approved Rehabilitation and Resettlement Scheme to be made available in the local language to the Panchayat, Municipality or Municipal Corporation. As the case maybe, and the offices of the District Commissioner (DC), the Sub- Divisional Magistrate and the Taluka, and shall be published in the affected areas, in such manner as maybe prescribed and uploaded on the website of the appropriate Government.	Not specified	The draft and final Resettlement and Indigenous Peoples Plan (RIPP)s will be disclosed to affected persons.
10	Cost of resettlement	Include the full costs of measures proposed in the Resettlement and Indigenous Peoples Plan (RIPP) and indigenous peoples plan as part of project's costs and benefits. For a	Section 16. (I) Upon the publication of the preliminary Notification under sub-section(/) of section II by the Collector, the Administrator for Rehabilitation and Resettlement shall conduct a survey and undertake a census of the affected families,	Not specified	No gap between ADB SPS and RFCTLARR. Cost of resettlement will be covered by the Executing Agency.

S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
		project with significant involuntary resettlement impacts, consider implementing the involuntary resettlement component of the project as a stand-alone operation.	in such manner and within such time as may be Prescribed, which shall include: (a) particulars of lands and immovable properties being acquired of each affected family;(b) livelihoods lost in respect of land losers and landless whose livelihoods are primarily dependent on the lands being acquired;(c) a list of public utilities and Government buildings which are affected or likely to be affected, where resettlement of affected families is involved;(d) details of the amenities and infrastructural facilities which are affected or likely to be affected, where resettlement of affected families is involved; and(e) details of any common property.		

S.No	Involuntary Resettlement Policy Principle	ADB Safeguard Policy Statement (SPS)	Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013(RTFCLARR)	Acquisition of Land by Private Negotiation (Standing Order No. 28)	Measures to Bridge Gaps
11	Taking over possession before payment of compensation	Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the Resettlement and Indigenous Peoples Plan (RIPP) under close supervision throughout project implementation.	Section 38 (I). The Collector shall take possession of Land after ensuring that full payment of compensation as well as rehabilitation and resettlement entitlements are paid or tendered to the entitled persons within a period of three months for the compensation and a period of six months for the monetary part of rehabilitation and resettlement entitlements listed in the Second Schedule commencing from the date of the award made under section 30.	Not specified	No gap between ADB SPS and RFCTLARR.
12	Monitoring	Monitor and assess resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the Resettlement and Indigenous Peoples Plan (RIPP) have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.	Section 48 (I)The Central Government may, whenever necessary for national or inter-State projects, constitute a National Monitoring Committee for reviewing and monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.	Not specified	RFCTLARRA does not specify the frequency of monitoring. The Project will prepare monitoring reports semi-annually as per ADB SPS.

### Appendix 17: Sample Monitoring Template

A semi-annual monitoring report shall be prepared on Resettlement and Indigenous Peoples Plan (RIPP) implementation and submitted to ADB by the PDMSC. It will include: (1) the list of affected persons, with compensation, if any due to each and details of compensation paid with signed receipts annexed to the report, socio-economic status and satisfaction levels of affected persons with the Resettlement and Indigenous Peoples Plan (RIPP) implementation process, compensation and mitigation measures; (2) the list of vulnerable affected persons and additional compensation / special protection measures planned/implemented for them (e.g. assistance to obtain project construction related jobs); socio-economic status and satisfaction levels of affected persons with the Resettlement and Indigenous Peoples Plan (RIPP) implementation process, compensation and mitigation measures; (3) list of roads for closure and actions planned / taken to minimize disturbance; (4) details of consultations held with affected persons (with number of participants by gender, issues raised, conclusion / agreement reached, actions required/taken; (5) details of grievances registered, redressed, outstanding complaints, minutes of GRM meetings held; (6) details of information disclosure and awareness generation activities, levels of awareness among target population and behaviour change, if any; and (7) any other relevant information showing Resettlement and Indigenous Peoples Plan (RIPP) implementation progress. The following checklist may be used for overall monitoring of Resettlement and Indigenous Peoples Plan (RIPP) implementation.

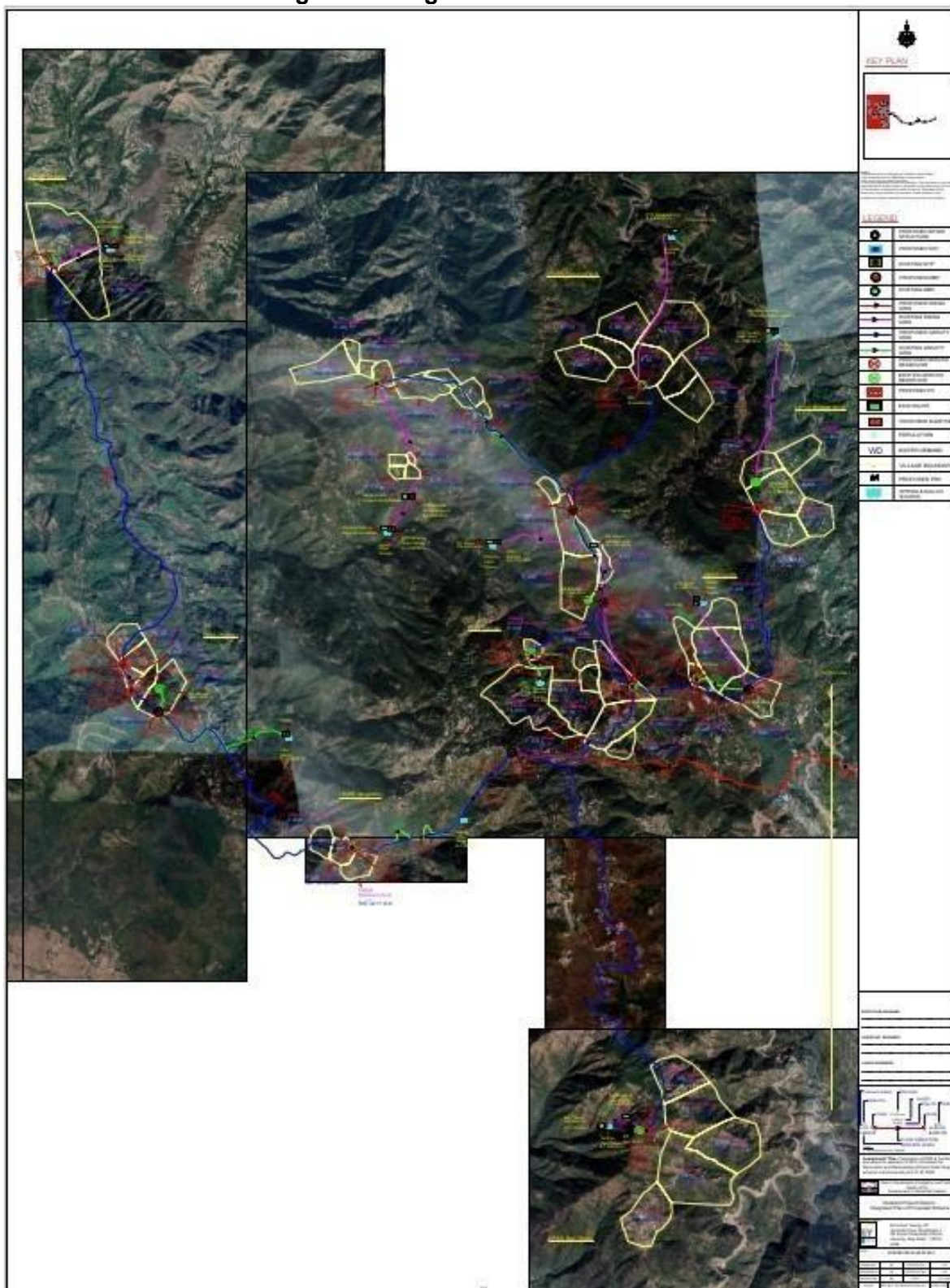
	<b>Resettlement and Indigenous Peoples Plan (RIPP) Activities</b>	<b>Completed Y/N</b>	<b>Remarks</b>
<b>A. Pre-Construction Activities and Resettlement and Indigenous Peoples Plan (RIPP) Activities</b>			
	Approval of final Resettlement and Indigenous Peoples Plan (RIPP) by ADB prior to contract award		
	Disclosure of final Resettlement and Indigenous Peoples Plan (RIPP) on ADB and EA websites		
	Circulation of summary Resettlement and Indigenous Peoples Plan (RIPP) in local languages to all stakeholders		
<b>B. Resettlement and Indigenous Peoples Plan (RIPP) Implementation</b>			
	Grievance Redress Mechanism established at different levels		
	Entitlements and grievance redress procedure disclosed		
	Finalization of list of affected persons, vulnerable affected persons and compensation due		
	Finalization of list of roads for full or partial closure; mitigation measures proposed and implemented (with photographic documentation)		
	Affected persons received entitlements as per EM in resettlement plan		
	Payment of compensation, allowances and assistance (No. of affected persons)		
	Additional assistance (project-related construction jobs, if willing		

	<b>Resettlement and Indigenous Peoples Plan (RIPP) Activities</b>	<b>Completed Y/N</b>	<b>Remarks</b>
	and able) for vulnerable households given (No. of vulnerable affected persons assisted)		
	Grievances No. of grievances registered No. of grievances redressed Outstanding complaints Disclosure of grievance redress statistics		
	Consultation, participation and disclosure as per Plan		
<b>C. Monitoring</b>			
	Survey on satisfaction levels of affected persons with Resettlement and Indigenous Peoples Plan (RIPP) implementation completed		
<b>D. Labour</b>			
	Implementation of all statutory provisions on labour like health, safety, welfare, sanitation, and working conditions by Contractors. Ensuring no child labour used		
	Equal pay for equal work for men and women		

NOTE: Where applicable, the information provided in the table should be supported by detailed explanatory report, receipts and other details.

## Appendix 18: Integrated Plans

**Figure 5: Integrated Plan of Grid SS1**

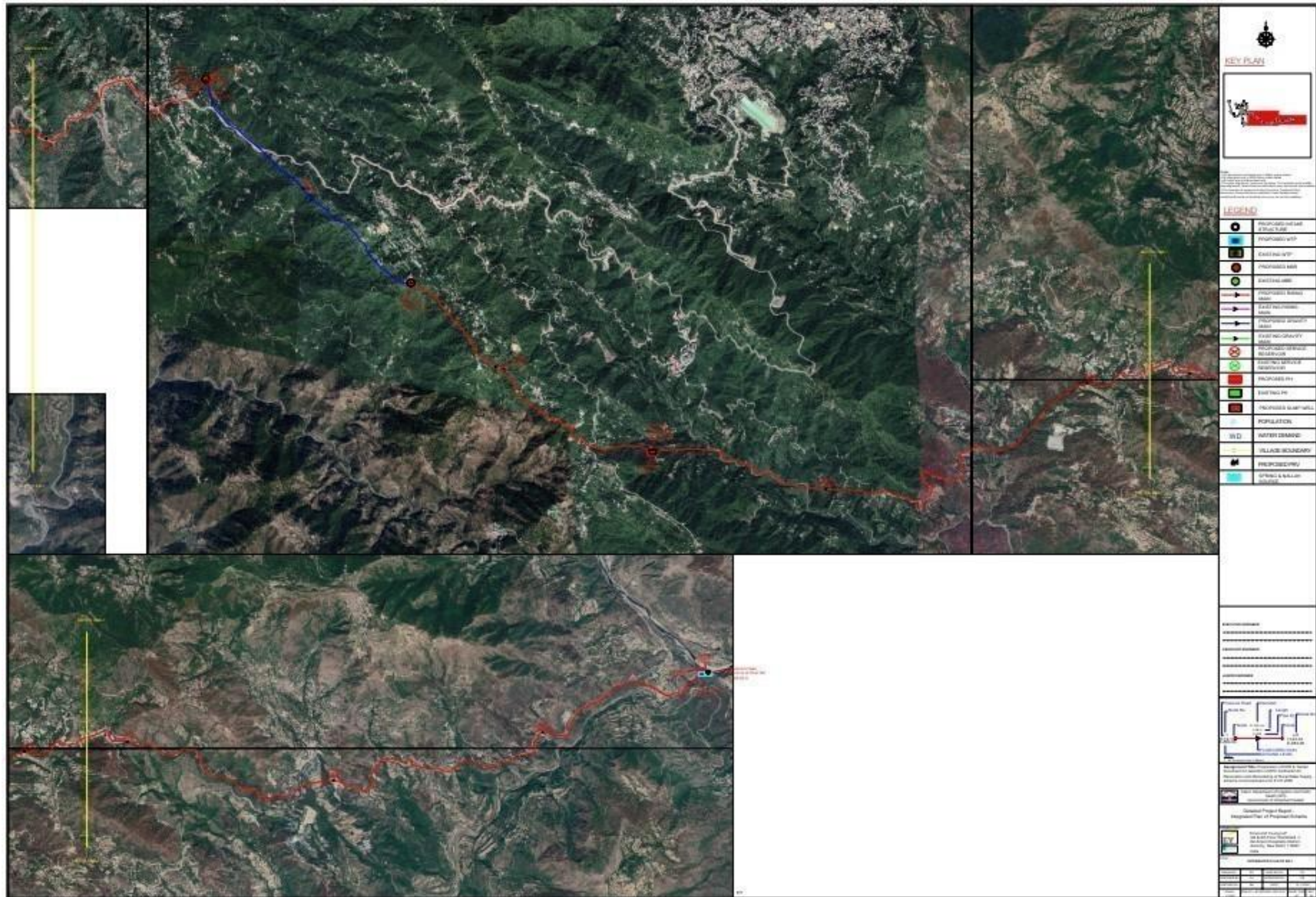


Source: Detailed Project Report, 2020-21





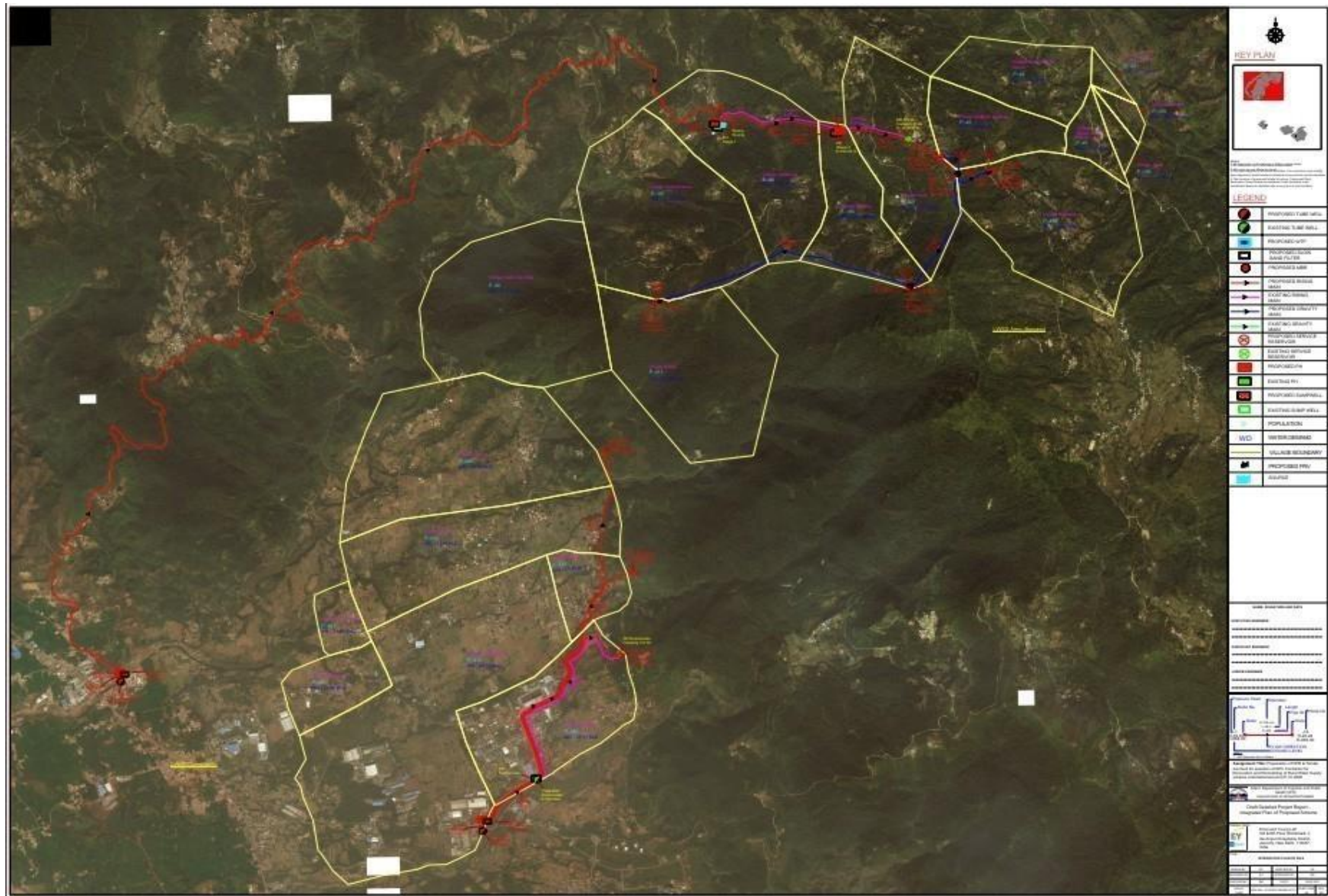
**Figure 6: Integrated Plan of Grid SS9**



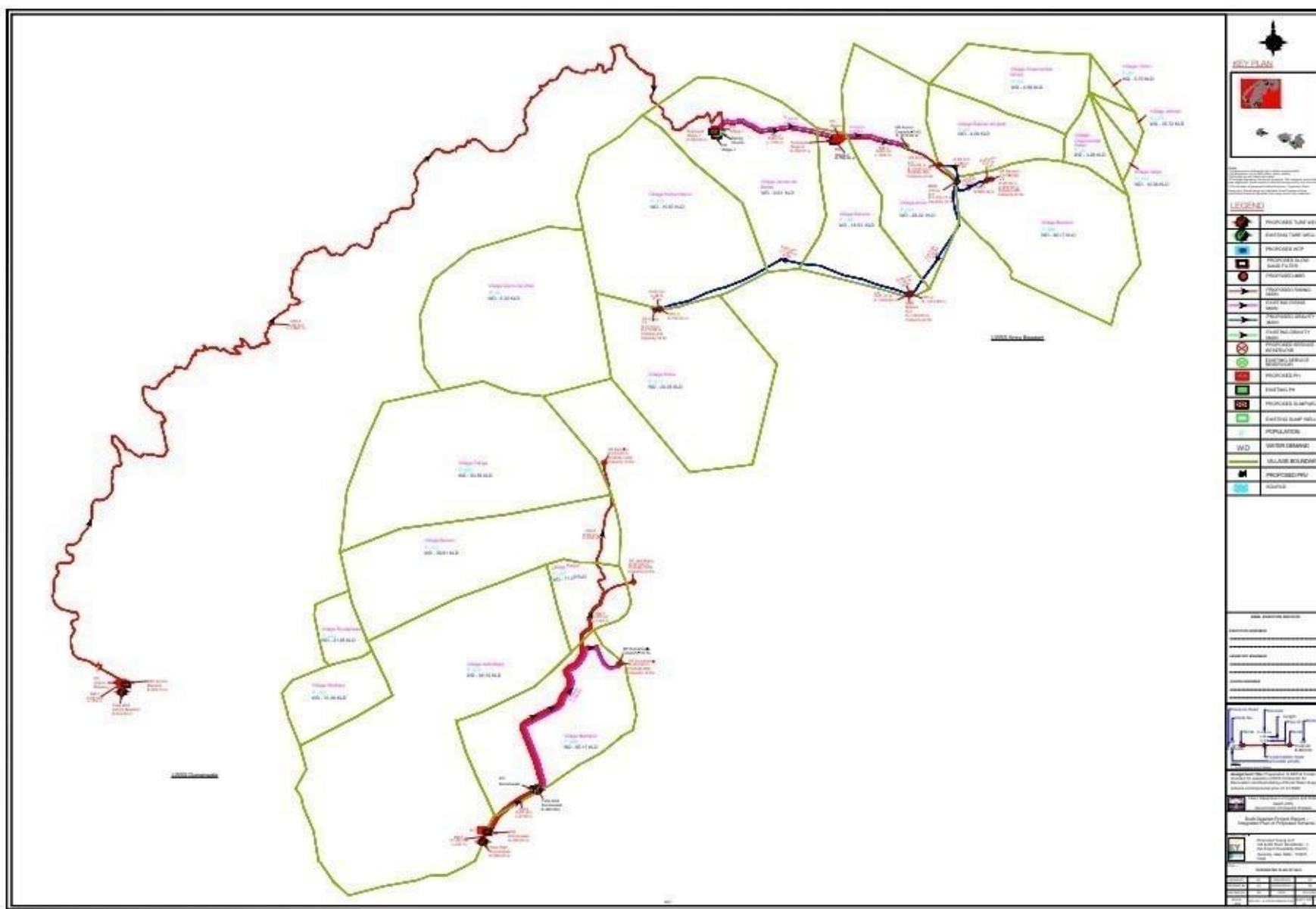
Source: Detailed Project Report, 2020-21





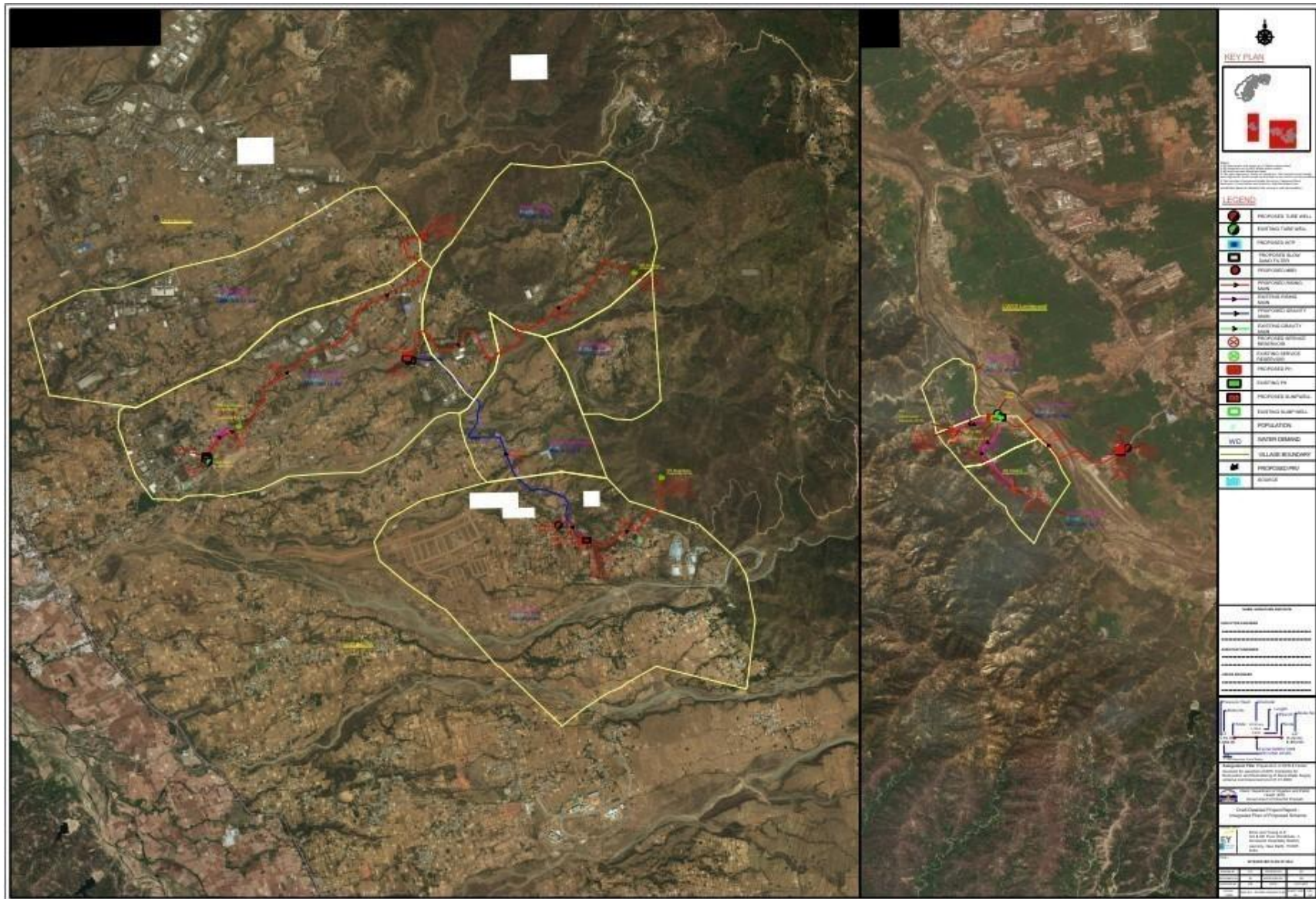


Source: Detailed Project Report, 2020-21

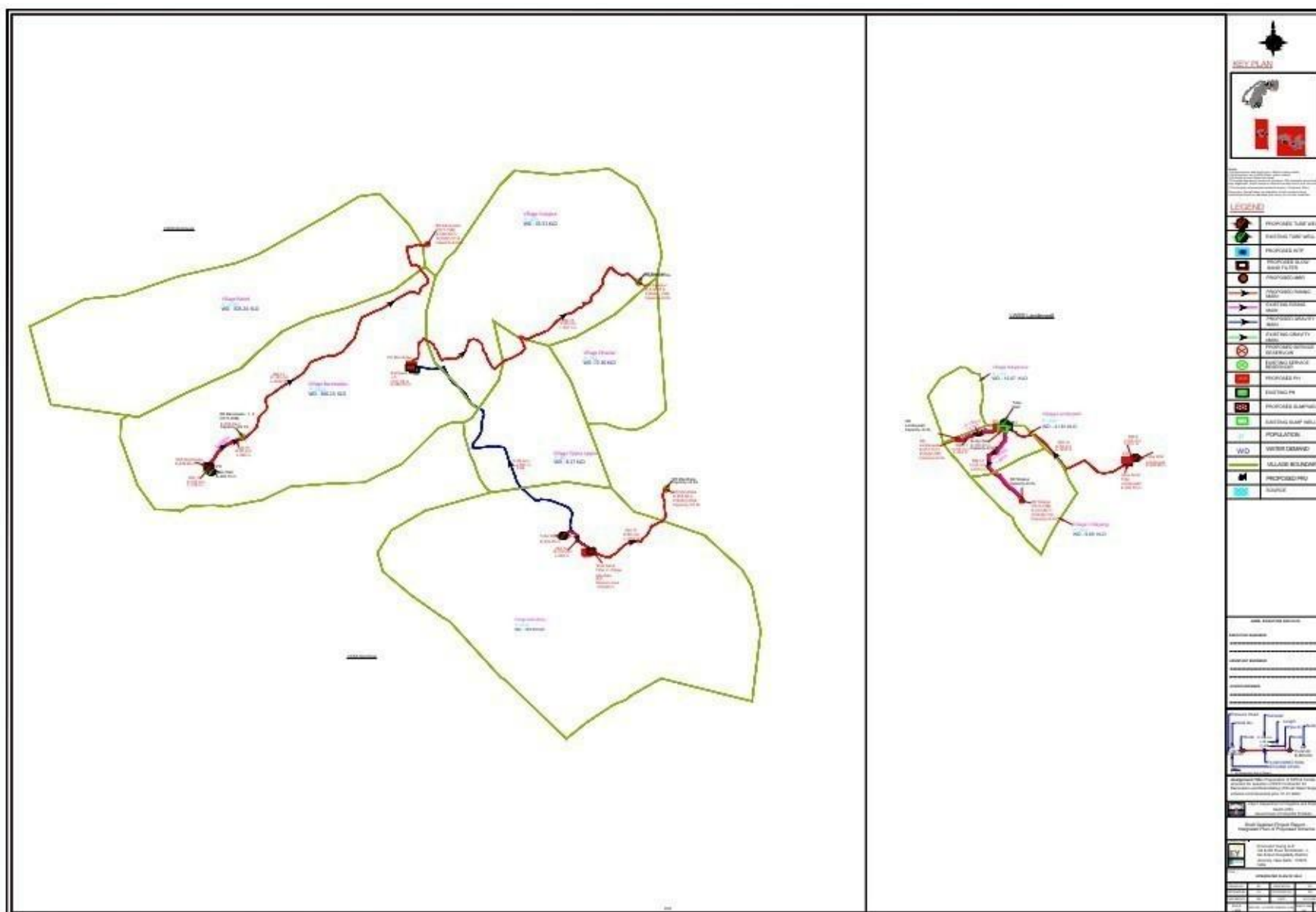


Source: Detailed Project Report, 2020-21





Source: Detailed Project Report, 2020-21





## **Appendix 19: Survey Safety Protocol on COVID-19**

### **Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project (HPRDWILP)**

#### **A. Introductions**

1. The Government of Himachal Pradesh has requested support from Asian Development Bank for the Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project (HPRDWILP) to improve universal and equitable access to safe and affordable drinking water. The outcome of the project is reliability and efficiency of water supply in targeted districts enhanced. As a part of the social safeguard documents (Resettlement and Indigenous Peoples Plan (RIPP)s, Due Diligence Reports), and Detail Measurement Surveys, socio-economic survey will require to be conducted for the project locations. As the COVID-19 situation is prevailing, safety protocol for survey work has been developed addressing COVID-19.

#### **B. About the Corona Virus Disease**

2. Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. Most people infected with the COVID-19 virus will experience mild to moderate respiratory illness and recover without requiring special treatment. Older people and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are more likely to develop serious illness. The COVID-19 virus spreads primarily through droplets of saliva or discharge from the nose when an infected person coughs or sneezes. At this time, there are no specific vaccines or treatments for COVID-19.<sup>33</sup> However, precautions can be implemented to prevent and slow down the transmission of the virus.

#### **C. Common Symptoms of Corona Virus Disease<sup>34</sup>**

3. COVID-19 affects different people in different ways. Most infected people will develop mild to moderate illness and recover without hospitalization.

Most common symptoms:

- fever;
- dry cough;
- tiredness.

Less common symptoms:

- aches and pains;
- sore throat;
- diarrhoea;
- conjunctivitis;
- headache;
- loss of taste or smell;
- a rash on the skin, or fingers or toes become pale.

Serious symptoms:

- difficulty breathing or shortness of breath;

<sup>33</sup>World Health Organization. [https://www.who.int/health-topics/coronavirus#tab=tab\\_1](https://www.who.int/health-topics/coronavirus#tab=tab_1)

<sup>34</sup>World Health Organization. [https://www.who.int/health-topics/coronavirus#tab=tab\\_1](https://www.who.int/health-topics/coronavirus#tab=tab_1)

- chest pain or pressure;
- loss of speech or movement.

#### **D. Personal Protective Equipment that should be worn by survey team of HPRDWILP**

4. While in the field, all the members of the survey team shall use or wear proper personal protective equipment (PPE) at all times. These PPEs may be removed on certain circumstances only, such as, but not limited to, eating, drinking, and any other task or activity that the PPE may inhibit the action. However, during these times, strict observance of social distancing is required.

5. The most common type of PPEs that should be worn by the field surveyors and enumerators are the following:

- **Reusable mask or surgical mask.** Reusable masks should be maintained clean per the manufacturer's instruction. Surgical masks should not be reused.
- **Face shield.** This PPE is especially useful for the field workers especially when talking to various people in a relatively confined space or indoors.
- **Gloves.** This is especially useful in situations in the field where items are being passed around from one hand to another, and no available hand sanitizers, or water and soap for handwashing after the activity.

#### **E. Safety Protocol for Survey Work**

##### **1. The survey team of HPRDWILP should ensure the following.**

- Before undertaking the survey, ensure that the respective *Gram Panchayats* and other local administrative bodies has been informed by HPRDWILP about the survey.
  - Never carry out survey activities in containment zone, if any, and undertake surveys in such areas after restrictions are lifted and necessary approvals are obtained for survey work.
  - Maintain adequate stock of masks and sanitiser for survey team; and single-use surgical mask for respondents.
  - The team should have handheld contactless temperature scanner and pulse oximeter (minimum 3-sets).
- a) To test all members of the survey team every morning before starting of survey to ensure no persons are having a fever (above 100 F or 38 C) and oxygen saturation level (should be above 95).
  - b) Once in the field, the head of the team should test the temperature of every respondent before assigning a team member to a particular respondent.
    - i. The temperature of the respondent should be below above 100 F or 38 C.
    - ii. If the temperature is high, then advise such respondents to take a rest and consult a doctor.
  - c) FGDs should be held only if allowed by District administration and situation permits. Otherwise, avoid FGDs.
  - d) If FGDs are conducted, ensure it is held in the open, ensuring that participants are seated at least 1-meter apart.

- e) Ensure there is no handshaking or any physical contact between participants and provide surgical mask to all participants.
  - f) Participants with fever, if any, should be asked to stay at home and not join the FGD.
6. Check daily the latest information on areas where COVID-19 is spreading and ensure no survey work is undertaken in any area declared as a containment zone.
  7. Ensure no member of the survey team is in the high-risk category, those with medical conditions such as diabetes, heart, lung disease, etc. If any, counsel them and exclude them from the survey activity.
  8. Ensure that no respondent with fever, cough, and cold is included in the enumeration, and collect information from some other member of the family who is in good health. If all members of the family are unwell, skip enumerating such families.
  9. Mobile phones of the survey team, laptop, etc. need to be wiped with disinfectant daily on return from the field.
  10. The general safety protocol and COVID-19<sup>35</sup> will be implied for the entire survey team of HPRDWILP.

**2. Every enumerator/Interviewer of the survey team should strictly adhere to the following safety measures**

11. HPRDWILP will provide an adequate number of branded N95 masks (single use only). At the end of each day, upon reaching home/place of stay, cut the mask into 2-pieces (to prevent recycling) and safely dispose of it in a separate wrapper as per State guidelines.
12. The enumerator/ interviewer should have a shoulder bag for carrying the hand sanitiser, single-use surgical masks, hand towel, survey tablet, identity card, water bottle, etc.
13. He should use N95 mask before setting out of his place to survey location and should use it throughout the day, till he completes the day's survey work and returns to his place.
  - a) Before putting on the mask, clean hands with alcohol-based hand sanitise or soap and water.
  - b) Cover mouth and nose with mask and make sure there are no gaps between the face and the mask.
  - c) Avoid touching the mask while using it; if it is touched, clean hands with alcohol-based hand sanitise immediately after touching the mask.
  - d) To remove the mask: remove it from behind (do not touch the front of the mask); clean hands with alcohol-based hand rub or soap and water; and wash the mask with washing soap and dry it in sunlight.
14. Before and after every household survey, clean hands thoroughly with an alcohol-based hand sanitiser, which will be provided by HPRDWILP.

<sup>35</sup><https://www.adb.org/documents/series/covid-19-asia-pacific-guidance-notes>

- a) Avoid touching eyes, mouth, and nose immediately after using the hand sanitiser, as it can cause irritation.
  - b) Under no circumstance, drink or let children at home or survey-place, swallow the hand sanitizer. It can be poisonous.
  - c) Hand sanitizers recommended to protect against COVID-19 are alcohol-based and therefore can be flammable, be careful.
15. Wash hands with soap and water or using alcohol-based hand sanitiser before having tea and lunch.
16. Carry a freshly washed hand towel every day to dry your hands after washing.
17. Maintain at least 2 metre (6 feet) distance between yourself and the respondent and others during the enumeration.
- a) Since the place of the respondent to be surveyed, may be congested and it may be difficult to maintain the minimum 6-feet distance, ensure that the respondent wears a mask throughout the enumeration.
  - b) Collect and keep some single-use surgical masks from your supervisor for giving to respondents.
  - c) Request respondents to avoid crowding of other family members when the enumeration is in progress.
18. After collecting and handing over the identity cards for taking photographs, ensure that hands are cleaned using alcohol-based hand sanitiser.
19. Avoid going to crowded places during and after enumeration.
20. Avoid touching eyes, nose, and mouth until reaching home and have taken a bath.
- a) Use shampoo and wash hair thoroughly.
  - b) Wash clothes and dry them in sunlight.
  - c) All gadgets and materials used during survey should be disinfected, put in one bag and keep away from any family member, to ensure no virus is brought into the households of enumerators/surveyors.
  - d) Dispose off used face masks properly as described above. Face shields should be properly washed or disinfected as well.
21. Consume only cooked hot food and avoid consuming any packaged food.
- a) Carry drinking water and keep the body hydrated.
  - b) Drink hot water, wherever possible
22. Avoid public transport for local travel and use vehicle/motorcycle of HPRDWILP (if possible) to reach survey places (settlements).
- a) If auto-rickshaw is used ensure only 2-persons travel and in taxi, 3-persons. As much as possible, avoid auto and taxi, and use motorcycle or cycle instead.
  - b) If someone has any minor symptoms such as cough, headache, mild fever, inform HPRDWILP, and stay at home. Do not come for the survey work.

- c) At home, be isolated from others.
- d) call the nearest government COVID-19 health care contact person and give details of your symptoms and places that is visited for survey work.

**F. Important**

23. HPRDWILP will facilitate testing of the members for COVID-19, once they reach the destination town and the supervisors should be in self-quarantine till results come. Only after the result is known and is Negative, the survey activities should commence. If anyone tests Positive, then such a person should immediately contact the hospital and take treatment as recommended.

**Appendix 20: Photographs showing Encroachment at Identified Site for Proposed Components WTP and Pump house of Proposed LWSS Barotiwala under Grid SS-9**

View of Proposed WTP & Pumphouse site encroached by Local Resident

**Page 1 of 3**



Fig: 1 Encroached Site





Fig: 2Enchroached Site Backyard  
View of Chaff Cutter

Page 2 of 3



View of Semi-pucca cattle sheds along with cemented feeding trays to feed animals





View of Toilet, Car Parking Shed/Area and Gate constructed at Encroached Site  
**Page 3 of 3**



Mr. Gurmeet and Mr. Jeetram, son of Ms. Karnailo Devi a Non-titleholder, Standing at Encroached site



**Appendix 21: Photograph of Affected Person (Temporary Income loss) Identified along Proposed Alignment of CWRM on village main Road, Barotiwala of Proposed LWSS Barotiwala under Grid SS-9**





**Appendix 22: Photographs of Ramps (both Private and Public Properties) that will be impacted under Proposed Alignment of CWRM under Proposed LWSS Barotiwalaof Grid SS-9**




**Appendix 23: Photographs showing IR Impacts like Impact on CPRs Reported under  
Proposed Alignment of CWRM at Damuwala under Proposed LWSS Barotiwala of Grid SS-  
9**

Impact on CPR reported along the road





**Appendix 24: Socio-economic Profile of AP Reported under Proposed Alignment of CWRM from Proposed WTP to Proposed OHT under LWSS Barotiwala**

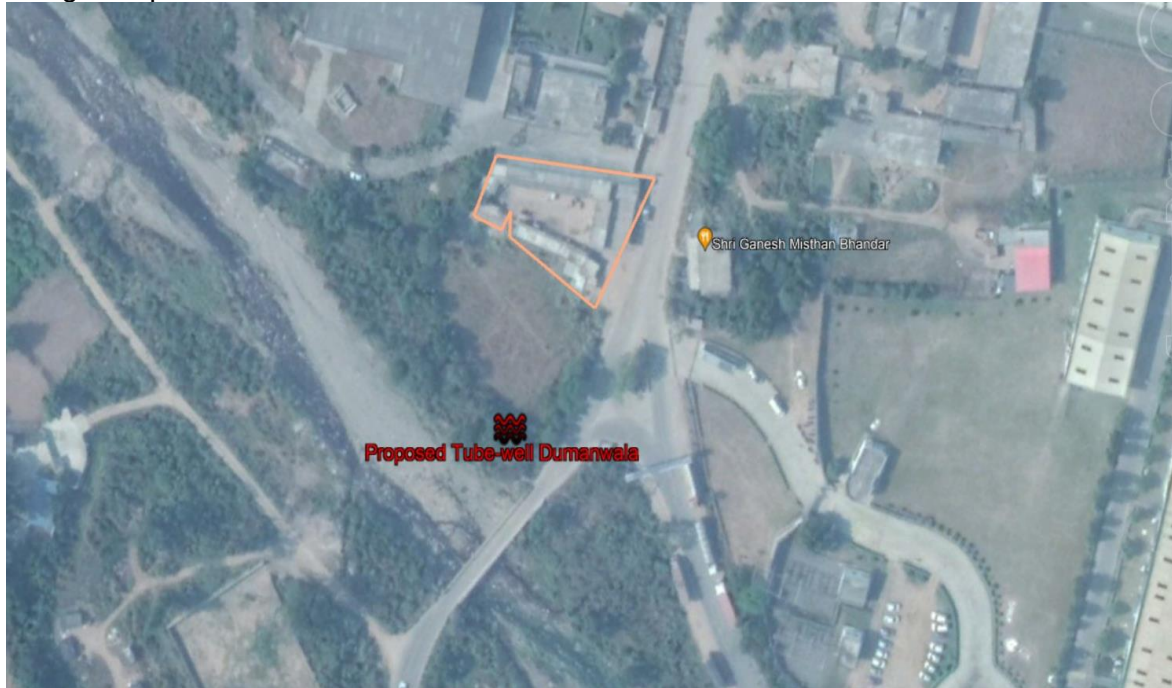
Sl. No	Ownership	Typology of Affected Structure	Type of Activities Performed by AP	Type of Impact	Name of Affected Person	Religion	Social Category	Education	Vulnerability	Daily Income in INR	Number of Family Members	Photo of Affected Person / Remarks
1	NTH	Rehri (Wheelcart) fixed under lock and key	Selling Fruit and Fruit juice	Temporary loss of Livelihood	Praveen Kumar Sharma	Hindu	General	Primary level	No	400	4	



**Appendix 25: Google Earth imagery Showing proposed component and nearby Habitation.**

**1) LWSS Dumanwala, Proposed Tubewell, Baddi**

Google Map



**2) LWSS AmrooBawasni, Proposed SR Amroo, Amru**

Google Map

