Annex - XI

Village Action Plan (VAP)

To identify all water related activities which helps in improving 'ease of living' of village community. (To be prepared by GP and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group etc. and to be approved in Gram Sabha before submitting to DWSM. ISA is to provide handhold support)

1. Date of preparation: 16/5/21 Date of approval in Gram Sabha: 14/7/21

   Date submitted to DWSM: 9/7/2021

2. Village name: तियरी GP name: तियरी Block name: सहावर्ण District name: चन्देली State name: उ० प्र०

   Village census code: _____

(No. of habitations and habitation names, if applicable)

I. GP Resolution

Aspiration of village community: FHTC to _____ number of rural households by year 2021 with water supply in adequate quantity of ४० lpcd of prescribed quality* on a regular basis, i.e. 18 no. of hours everyday alongwith water supply to ५० no. of cattle troughs and १० no. of washing/ bathing blocks.

3. We, the village community, take the responsibility to own, manage, operate and maintain our in-village water supply infrastructure. We will respect and protect our water bodies and will not contaminate them. We will manage our greywater and save our fresh water.

It is resolved to pay ___ % of capital cost, calculated share of O&M cost and contribute in managing water supply system.

*water quality certificate to be issued by PHED/ RWS Dept.

II. Gram Panchayat and/ or its sub-committee, I.e VWSC/ Paani Samiti/ User Group etc. details

4. Which committee will lead the planning, implementation, management, O&M of water supply scheme in village? (GP and/ or its sub-committee): Sub-committee

   what is the committee called: VWSC

   Chairperson name: _____ Gender: _____ Age: _____

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	Member name	Gender	Age
5.			

III. General details

6.	As per 2011 Census: population: 1236 No. of HHs: 70 No. of women: 333 No. of men: 286 No. of children: 133 No. of FHTCs: ______	As per current Panchayat/ Anganwadi records: current population: 1235 No. of HHs: 70 No. of women: 333 No. of men: 286 No. of children: 133 No. of FHTCs: ______

7. Population projection:

Intermediate stage -15 years from date (18% increase over present population): 55 Kilo Litre/ Day (KLD)

Ultimate stage - 30 years from date (32% increase over present population): 55 Kilo Litre/ Day (KLD)

8. Current cattle population (Animal husbandry records): ______

9. Agricultural cropping pattern: ______

Major crops	Kharif	Rabi
Sugarcane	☐	☐
Paddy	☑	☐
Maize	☐	☐
Cotton	☐	☐
Wheat	☐	☑
Other	☐	☐

प्रधान / अध्यक्ष

10. Average district rainfall (in mm): _____

11. Topography (plain, slope, etc.): Plain

IV. Situation Analysis

12. Is resource mapping done? (Y/N) Y
(attach the map with VAP)
13. Is social mapping done? (Y/N) Y
(attach the map with VAP)

	S.No.	Public Institutions Name	Is FHTC available? (Y/N)	Is Rain Water Harvesting structure available? (Y/N)	soak pits available? (Y/N)
14.	1	School	N	N	N
	2	Anganwadi	N	N	N
	3	Health Center	N	N	N
	4	GP building	N	N	N
	5	Other			

Total daily requirement of water

15. present requirement of water - pop X rate: No KLD
present requirement of water for cattle: No KLD
No. of cattle troughs required: No
requirement of water for intermediate stage - pop X rate: No KLD
requirement of water for ultimate stage - pop X rate: No KLD

History of water supply

16. history of water supply/ availability in the village, drought/ scarcity/ cyclone/ flood or any other natural calamity pattern, general trend of water availability:

17. any history of emergency arrangements like water supply through tanks, trains, etc.:

18. history of part work related to water supply, source strengthening,

19. history of water-borne diseases:

Water quality

20. Name of person identified for WQ surveillance with community using FTKs/ vials: Ankit Gender : M Age 39

21. Dates identified for sanitary inspection: _____

22. water quality of existing/ proposed drinking water source(s) used in the water supply scheme:source name (location): _____

Parameter	Method	Result
Turbidity	visual comparison	5
pH	strip colour comparison	6.5
Total Hardness	titrimetric method	300
Total Alkalinity	titrimetric method	200
Chloride	titrimetric method	250
Ammonia	visual colour comparison	140
Phosphate	visual colour comparison	NO
Residual Chlorine	visual colour comparison	0.2
Iron	visual colour comparison	4.5
Nitrate	visual colour comparison	1.0
Fluoride	visual colour comparison	NO
Arsenic (In hotspots)	visual colour comparison	

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Washing/ bathing blocks

23. Some poor areas in the village might not have sufficient space to have a washing space and/ or a tap connection. Number of such areas identified to have a washing/ bathing block: _____

Location name	No. of Households	Population
Tiyari	950	1236

Source Sustainability

24. In case of groundwater source, is there a borewell recharge structure? (Y/N)

25. List of existing water bodies in the village that need to be rejuvenated/ mainted:

Greywater management

26. Greywater generated (65% of water supply): No KLD

No. of HHs with individual soak pits: No

No. of HHs that need individual soak pits: No

No. of community soak pits needed:: NO

Is there a need for waste stabilization pond? (Y/N): No

If Yes, location identified for it: No

If No, what other greywater management measures to be adopted? NO

V. Water Supply Scheme

27. FHTCs will be provided under which of the following category:

- ☐ retrofitting of ongoing schemes taken up under erstwhile NRDWP for the last mile connectivity
- ☐ retrofitting of completed RWS to make it JJM compliant
- ☐ SVS in villages having adequate groundwater/ spring water/ local or surface water source of prescribed quality
- ☐ SVS in villages having adequate groundwater that needs treatment
- ☐ MVS with water grids/ regional water supply schemes
- ☐ mini solar power based PWS in isolated/ tribal hamlets

28. Water source identified: _____

Proposed water supply scheme based on techno-economic and socio-economic appraisal:

Land identified for the scheme: yes

Date by when land will be handed over to PHED/ RWS Dept.: yes

cost of scheme: yes

GoI share: 140 State share: yes

Community share: NO

Individual household contribution: yes

Annual O&M charges: yes

Individual household monthly water tariff/ user charge: NO

If any remote habitations, PWS identified: NO

VI. Convergence (The following table indicates the possible schemes under which activity/ fund convergence is possible. Village community is to send proposals to the identified schemes as per village requirements)

	Name of the Scheme	Central/ State Government Department	Possible activities that can be taken up	Funds
29	Fourteenth Finance Commission	GP	Greywater management, drainage systems, etc.	—
	Swachh Bharat Mission – Grameen (SBM-G)	Department of Drinking Water and Sanitation, M/o Jal Shakti	Greywater management – soak pits (individual/ community), waste stabilization ponds, etc.	
	MGNREGS	M/o Rural Development	All water conservation activities under Natural Resource Management (NRM) component	—
	Integrated watershed Management Programme (IWMP	D/o Land Resources	Watershed management/ RWH/ artificial recharge, creation/ augmentation of water bodies, etc.	—
	Repair, Renovation and Restoration of water bodies	D/o Water Resources, River Development and Ganga Rejuvenation	Restoration of larger water bodies	—
	Rashtriya Krishi Vikas Yojana (RKVY)	M/o Agriculture, Cooperation and Farmers Welfare	Watershed related works	—
	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)	M/o Agriculture, Cooperation and Farmers Welfare	Provision of micro-irrigation for various water-	✓

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