

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 DWDM. ISA is to provide handhold support)

1. Date of preparation: _____ Date of approval in Gram Sabha: _____

Date submitted to DWDM: _____

2. Village name: Bhatapurawa GP name: Bhatapurawa Block name: _____
Chandauli District name: Chandauli State name: U.P.

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 _____ with water supply in adequate quantity of _____ lpcd of prescribed quality* on a regular basis, i.e. _____ no. of hours everyday alongwith water supply to _____ no. of cattle troughs and _____ 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): VWSC

what is the committee called: Sub-Committee

Chairperson name: सत्यप्रकाश Gender: M Age: 28



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| | Member name | Gender | Age |
|----|-------------------------|--------|-----|
| 5. | अरविन्द कुमार विरकमर्मा | M | 38 |
| | जीरा | F | 35 |
| | शिवधरत | M | 62 |
| | सीता | F | 35 |
| | अनुभा | F | 36 |
| | बाबू | M | 41 |

III. General details

| | | |
|----|--|---|
| 6. | As per 2011 Census: population: <u>2207</u> | As per current Panchayat/ Anganwadi records: current population: <u>2207</u> |
| | No. of HHs: <u>42</u> | No. of HHs: <u>45</u> |
| | No. of women: <u>1014</u> | No. of women: <u>1200</u> |
| | No. of men: <u>915</u> | No. of men: <u>1010</u> |
| | No. of children: <u>215</u> | No. of children: <u>330</u> |
| | No. of FHTCs: <u>105</u> | No. of FHTCs: <u>205</u> |

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 | <input type="checkbox"/> | <input type="checkbox"/> |
| Paddy | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Maize | <input type="checkbox"/> | <input type="checkbox"/> |
| Cotton | <input type="checkbox"/> | <input type="checkbox"/> |
| Wheat | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> | <input type="checkbox"/> |



10. Average district rainfall (in mm): _____

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

IV. Situation Analysis

12. Is resource mapping done? (Y/N) X
(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 | N | N | N |

Total daily requirement of water

15. present requirement of water - pop X rate: N KLD

present requirement of water for cattle: N KLD

No. of cattle troughs required: N

requirement of water for intermediate stage - pop X rate: N KLD

requirement of water for ultimate stage - pop X rate: N 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: Mr. Rajendra Gender : M
Age 32

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 | No |
| Phosphate | visual colour comparison | No |
| Residual Chlorine | visual colour comparison | 0.2 |
| Iron | visual colour comparison | 0.3 |
| Nitrate | visual colour comparison | 45 |
| Fluoride | visual colour comparison | 1.0 |
| Arsenic (in hotspots) | visual colour comparison | No |



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 |
|---------------|-------------------|------------|
| शिवपुरा | 2009 | 2209 |
| | | |

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): N KLD

No. of HHs with individual soak pits: N

No. of HHs that need individual soak pits: N

No. of community soak pits needed: N

Is there a need for waste stabilization pond? (Y/N): N

If Yes, location identified for it: N

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

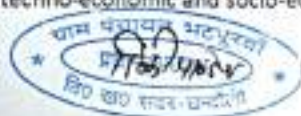
V. Water Supply Scheme

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: Y

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

cost of scheme: Y

Govt share: _____ State share: Y

Community share: N

Individual household contribution: N

Annual O&M charges: N

Individual household monthly water tariff/ user charge: N

If any remote habitations, PWS identified: Y

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 |
|--|---|--|-------|
| 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. | 5 |
| MGNREGS | M/o Rural Development | All water conservation activities under Natural Resource Management (NRM) component | 5 |
| 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- | ✓ |



| | | | |
|---|---|--|--|
| | | intensive crops to reduce drawl of water from aquifers | |
| Compensatory Afforestation fund Management and Planning Authority | M/o Environment, Forests and Climate Change | Afforestation, regeneration of forest ecosystem, watershed development, etc. | |
| Pradhan Mantri Kaushal Vikas Yojana (PMKVY) | M/o Skill Development and Entrepreneurship | Skill development, training, etc. for human resources required for RWS schemes | |
| Samagra Shiksha | M/o Human Resource Development | Provision of drinking water supply in schools | |
| Aspirational districts programme | NITI Aayog | Water conservation activities taken up under discretionary funds with District Collector | |
| District Mineral Development Fund (DMF) | State | Water conservation activities on large scale | |
| MPLAD | Ministry of Statistics and Programme Implementation (MoSPI) | In-village infrastructure | |
| MLALAD | State | In-village infrastructure | |
| Grants under Article 275 (1) of the Constitution/ Tribal Sub Scheme (TSS) | Ministry of Tribal Affairs and State | In-village infrastructure | |
| Donors/ sponsors | | | |

Signature of chairperson: RINKI Name & signature of PHED/ RWS Dept. official: Ravali Name & signature of ISA representative (if applicable): [Signature]

Contact Details

GP and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. chairperson:
Panchayat Secretary name and phone number:

phone Person to ensure water quality surveillance, names and numbers:

Barefoot technician name and phone number:

Pump operator name and phone number:



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