

Village Action Plan (VAP)

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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 DWSS. ISA is to provide handhold support)

1. Date of preparation: _____ 06.08.2021 _____

Date of approval in Gram Sabha: _____ 02.10.2021 _____

Date submitted to DWSS: _____

2. Village name: _____ Rustamgarh _____

GP name: _____ Rustamgarh _____

Block name: _____ Nidholi kalan _____

District name: _____ Etah _____

State name: _____ Uttar Pradesh _____

Village census code: _____ 214786 _____

(No. of habitations and habitation names, if applicable)-Rustamgarh, Nagla Sant, Nagla Sitaram 3

I. GP Resolution

3. **Aspiration of village community:** FHTC to 345__ number of rural households by year 2022 with water supply in adequate quantity of 55 lpcd of prescribed quality* on a regular basis, i.e. 08 no. of hours every day along with water supply to 05 no. of cattle troughs and 05 no. of washing/ bathing blocks.

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 10 % 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 Committee _____

What is the committee called: Village Water & Sanitation Committee Rustamgarh (VWSC) _____

Chairperson name: _____ Mr. Vinay Kumar _____

Gender: _____ male _____

Age: _____ 38 _____ Years _____

5.

Member Name	Gender	Age
"As enclosed"		



Details of Skilled Manpower for PWS/ Training

S.No.	Name	Trade	Contact No.
1	Manpal	Electrician	9415252241
2	Dhaniram	Pump Operator	9756441236
3	Jawahar Lal	Plumber	9758256291
4	Ramveer	Mason	9412822385
5	Manpal	Motor Mechanic	8415252224

III. General details

6.

As per 2011 Census		As per current Panchayat / Anganwari record (2021)	
Population	1758	Population	1921
No. of HHs	330	No. of HHs	345
No. of Women	812	No. of Women	882
No. of Men	946	No. of Men	1039
No. of Children	312	No. of Children	349
No. of FHTCs	0	No. of FHTCs	0

GP Name	SC	ST	Gen	Total
Rustamgarh	563		1358	1921

7. **Population projection:** (Present Requirement = 105.65 KLD)

Intermediate stage -20 years from date (18% increase over present population): 124.7 Kilo Litre/ Day (KLD)

Ultimate stage - 30 years from date (32% increase over present population): 139.48 Kilo Litre/ Day (KLD)

8. **Current cattle population** (Animal husbandry records): No

	Cow / Cattle	Buffalo	Sheep	Goat	Pig	G. Total
Nos.	115	190	60	220		585
Water Requirement (LPCD)	65	65	10	10	10	
Total water Requirement	7475	12350	600	2200	0	22625

(LPCD – Litre per capita per day)

9. **Agricultural cropping pattern:-**

Major Crops	Kharif	Rabi
Wheat	Bajara	Wheat
Paddy (Dhaan)	Makka	Aaloo
Maize (Makka)	Dhaan	Gram (Chana)
		Arhar
	Jwaar	Moong
Mustard	Seasonal Vegetables	Masoor

Bajara /Jwaar		Urad
Gram (Chana)		
Arhar / Moong / Masoor / Urad		
Seasonal Vegetables		Seasonal Vegetables
Others		

10. Average district rainfall (in mm): 587.5 mm (Annual)
11. Topography (plain, slope, etc.): Plain

IV. Situation Analysis

12. Is resource mapping done? (Y/N)
(attach the map with VAP) Yes, Enclosed
13. Is social mapping done? (Y/N)
(attach the map with VAP) Yes, Enclosed
- 14.

S.No.	Public Institutions Name	Is FHTC available ? (Y/N)	Is Rain Water Harvesting Structure available ? (Y/N)	Soak Pits available ? (Y/N)
1	School	No	No	No
2	Swasthkendra	No	No	No
3	Post Office	No	No	No
4	Thana	Yes	Yes	Yes
5	Other	No	No	No

Total daily requirement of water

15. Present requirement of water 1921 X 55 LPCD = 105.65 KLPD

Present requirement of water for cattle: 22.62 KLD

No. of cattle troughs required: 5

Requirement of water for intermediate stage – 124.7 KLPD (20 Years)

Requirement of water for ultimate stage - 139.48 KLD (30 Years)

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: No--
17. Any history of emergency arrangements like water supply through tanks, trains, etc.:
No--
18. History of part work related to water supply, source strengthening,
No--
19. History of water-borne diseases: No--

Water quality

20. Dates identified for WQ surveillance with community using FTKs/ vials: 4th & 18th of every month

21. Dates identified for sanitary inspection: 15th of every month

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

Parameter	Method	Result
Turbidity	Visual Comparison	3.21
pH	Strip Colour Comparison	8.2
Total Hardness	Titrimetric Method	92
Total Alkalinity	Titrimetric Method	108
Chloride	Titrimetric Method	102
Ammonia	Visual Colour Comparison	-
Phosphate	Visual Colour Comparison	-
Residual Chlorine	Visual Colour Comparison	-
Iron	Visual Colour Comparison	-
Nitrate	Visual Colour Comparison	-
Flouride	Visual Colour Comparison	0.66

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: 05

Location Name	No. of Households	Population
Rustamgarh	15	84

Source Sustainability

24. In case of groundwater source, is there a bore well recharge structure? (Y/N)
 No

25. List of existing water bodies in the village that need to be rejuvenated/ maintained:
 • Renovation of existing water pond in the village.2

Greywater management

Grey water management can be achieved with the help of disposal systems like Soak pit, Drain /Gutter etc.

26. Greywater generated (65% of water supply): 90.7 KLD
 No. of HHs with individual soak pits: 0
 No. of HHs that need individual soak pits: 75
 No. of community soak pits needed: 9
 Is there a need for waste stabilization pond? (Y/N): Yes
 If Yes, location identified for it: Mangrauli
 If No, what other greywater management measures to be adopted?

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: _____
 Date by when land will be handed over to PHED/ RWS Dept.: _____
 cost of scheme: _____
 Gol share: _____
 State share: _____

Community share: _____

Individual household contribution: _____

Annual O&M charges: _____ Individual household monthly water tariff/ user charge: _____

If any remote habitations, PWS identified: _____

(After approval of DPR the Point No. 28 will be filled)

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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)

29.

Name of the Scheme	Central / State Government	Possible activities that can be taken up	Funds Proposed
Fifteenth Finance Commission	GP	Greywater management, drainage systems, etc. 220 metr. ., Rain water Harvesting in GP Institutions, kichan Gardan	143000.00 380000.00 15000.00
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.	450000.00 225000.00 300000.00
MGNREGS	M/O Rural Development	All water conservation activities under Natural Resource Management (NRM) component	30000.00 500000.00
Integrated Watershed Management Programme	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 Land Resources	Restoration of Large Water Bodies	
Rastriya Krishi Vikas Yojana (RKVY)	M/O Agriculture, Cooperation and farmers welfare	Watershed related works	
Pradhan Mantri Krishi Sinchae 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, Forest and Climate change.	Afforestation, regeneration of forest ecosystem, watershed development, etc.	
Pradhan Mantri Kaushal Vikas Yojana (PMKVY)	M/O Skill Development & Entrepreneurship	Skill Development, training etc. for human resources required for RWS schemes.	
Samagra Shiksha	M/O HRD	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 Funds	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	Ministry of Tribal Affairs and State	In- Village Infrastructure	

प्रमाण
ग्राम पंचायत रुस्तमगढ़
Signature of chairperson: वि. वि. निधीली कर्ली (एटा)

Name & signature of PHED/ RWS Dept. official श्री रवींद्र कुमार Executive Engineer
UP Jal Nigam, Etah(U.P.)

Name & signature of ISA representative (if applicable) बंदा शर्मा SR Society

Contact Details

- GP and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. chairperson.

S.No	Name	Post	Mobile
1	विनय कुमार	Pradhan	9411848225
2	रुबरन सिंह	Sachiv	9412861021

- Barefoot technician name and phone number

मानविय - 9415252241
9415252241

- Five women to ensure water quality surveillance, names and phone numbers.

S.No	Name	Age	Mobile
1	महेशी देवी	304	8477089011
2	सौरा	274	989645437
3	सिता देवी	324	9758970057
4	नीरेश देवी	244	9865435143
5	शोभा देवी	344	9854654545

- Pump operator name and phone number

एनारिय - " - 9756441236
