

# **Jal Kranti Abhiyan**

## **Step by step implementation Guide**

Jal Kranti Abhiyan has five components:

1. Jal Gram Yojana
2. Model Command Area
3. Pollution Abatement
4. Mass Awareness Programme
5. Other Activities

A step by step implementation guideline for these components is as follows:

### **1. Jal Gram Yojana**

#### **1.1 Jal Gram**

Two villages, in every district preferably being a part of dark block or facing acute water scarcity, shall be selected as **“Jal Grams”**. An Integrated water security plan, water conservation, water management and allied activities shall be undertaken for the villages to ensure optimum and sustainable utilisation of water.

This is a convergence programme, therefore, there will no separate funds. Available funds from various other schemes should be used, e.g.. MNREGA, IWRMP, Watershed Schemes, etc. (for details see section 6.0 “Funding Arrangement”)

#### **1.2 Selection of Jal Gram**

District level Committee shall identify two Jal Gram for every district. To select the Jal Gram, decision support tool uploaded by CWC on its website would be used. District Committee would keep State level Committee informed of the selected “Jal Gram”.

#### **1.3 Structure for Implementation of Jal Gram Yojana**

A Committee shall be formed at Village level & Block Level for implementation and monitoring of works under Jal Gram Yojana for every Jal Gram.

The composition and role of these committees at village and Block level shall be as follows:

### Village level Committee

Sl. No	Composition of Committee	Role of committee
1	<b>Chairman: Gram Pradhan / Sarpanch of the Village</b>	<ol style="list-style-type: none"> <li>1. Providing Inputs for formulation of Integrated water security plan.</li> <li>2. Implementation of works</li> <li>3. Monitoring of works</li> <li>4. Advocacy of Water Conservation in village</li> <li>5. Meetings once in a fortnight.</li> </ol>
2	<b>Members:</b> Representatives from Departments of Agriculture / Horticulture / Watershed Development Representative from PHED Representative from WUAs Representative from NGO's Representative from Women Self Help Groups Representatives from Panchayati Raj Institutions Representatives(2 nos) from Educational institutions (i.e. Principal of Village's Govt. Primary / High school) One Representative from village water & sanitation committee preferably women member	
3	<b>Member Secretary:</b> Representative from Educational Institutions	

Chairman may co-opt upto two additional members for the smooth functioning of the committee

### Block / Taluka level Committee

Sl. No	Composition of Committee	Role of committee
1	<b>Chairman: Block Development Officer of concerned Block</b>	<ol style="list-style-type: none"> <li>1. Providing Inputs for formulation of Integrated water security plan.</li> <li>2. Implementation of works</li> <li>3. Monitoring of works</li> <li>4. Advocacy of Water Conservation in local Schools /Colleges</li> <li>5. Meetings (Once in a month)</li> </ol>
2	<b>Members:</b> Representatives from Departments of Agriculture / Horticulture / Watershed Development Representative from PHED Representative from WUAs District Education Officer District / Taluka Medical Officer Representatives from Panchayati Raj Institutions Representative from village water & sanitation committee. Gram Pradhan of the concerned village	
3	<b>Member Secretary:</b> Panchayat Extension Officer / Asstt. Director (Agriculture)	

Chairman may co-opt upto three additional members for the smooth functioning of the committee

A District level committee shall be formed for every District. The role and composition of the committee shall be as follows:

District level committee

SNo	Composition of Committee	Role of committee
1	<b>Chairman: District Magistrate / District Collector of concerned District</b> <b>Vice Chairman C.E.O. Zilla Panchayat</b>	<ol style="list-style-type: none"> <li>1. To identify the Jal Gram.</li> <li>2. To co-ordinate activities of Jal Gram</li> <li>3. To monitor the progress (monthly basis)</li> <li>4. To appraise the plans and project reports of the activities to be implemented at district level</li> <li>5. To plan and implement advocacy in water conservation through convergent methods.</li> </ol>
2	<b>Members:</b> CWC / CGWB Representative State WR/Irrigation Department Representative Local administrative officers e.g. CoZ, PD, DD, DRDA, DDC etc. Deputy Director State Agriculture Department Representative of Water Supply Department / PHED Representative from Watershed Department Representative from NGO in similar case. Representative from Department of Health from concerned State Representative from WUA, WALMI etc.	
3	<b>Member Secretary:</b> Project Director DRDA / D.S. Zila Panchayat	

Chairman may co-opt upto four additional members for the smooth functioning of the committee

A committee at state level shall be formed with composition as given below. The lead role for the formation of state level committee shall be taken by the concerned **Nodal Officer\*** from CGWB/CWC.

State Level committee

	Composition of Committee	Role of committee
1	<b>Chairman: Principal Secretary Water Resources ( or MI) of concerned State</b>	<ol style="list-style-type: none"> <li>1. To provide convergent approach in Jal Gram.</li> <li>2. To co-ordinate and monitor activities of Jal Gram in entire state.</li> <li>3. The State Level Committee will indicate funding from concerned departments related to water resources for taking up works.</li> </ol>
2	<b>Members:</b> Regional Chief Engineer, CWC Engineer-in-Chief of the Water Resources Department Regional Director, CGWB Representative of Department of Agriculture for concerned State Representative of Department for Rural Development for concerned State Representative of Department of Urban Development for concerned State Representative of Department of Drinking Water Supply for concerned State Representative of Department of Panchayati Raj for concerned State Representative from Department of Health from concerned State Representative from WUA, WALMI etc.	
3	<b>Member Secretary:</b> Director, CWC from field formation nominated by Regional Chief Engineer, CWC	

Chairman may co-opt upto five additional members for the smooth functioning of the committee

\*Role of Nodal Officer:

One Nodal officer (from CWC / CGWB) for every state has been nominated for Jal Kranti Abhiyan. Nodal Officer shall be responsible for Jal Kranti Abhiyan of the respective state. His duties shall include the following:

1. Planning of Workshops, Trainings and other events associated with Jal Kranti Abhiyan in the respective State
2. Implementation of activities relating to Jal Kranti Abhiyan at State level
3. Coordination among various departments, ministries, stakeholders at state level
4. Monitoring of implementation of Jal Kranti Abhiyan at state level.

An Advisory and Monitoring Committee shall be constituted at national level as well. The composition of the Committee shall be as under:

National Level Committee

Sl. No	Composition of Committee	Role of committee
1	<b>Chairman: Additional Secy (WR, RD &amp; GR)</b> <b>Vice Chairman: Member(RM), CWC</b>	Overall monitoring and co-ordination.
2	Members: Joint Secretary (Administration & GW) Joint Secretary (Policy and Planning) Chairman, CGWB Director, NIH, Roorkee Chief Engineer(HRM), CWC Representative of Ministry of Agriculture* Representative of Ministry of Rural Development* Representative of Ministry of Urban Development* Representative of Ministry of Drinking Water & Sanitation* Representative from Ministry Ministry of Information & Broadcasting. Sh. Narender Birthare , Convener- Ganga Vichar Manch, NMCG Representative of Ministry of Panchayati Raj* Representative of Ministry of Health & Family Welfare * Representative from W.U.A etc.	
3	<b>Member Secretary:</b> Director RMCD, CWC	

\* Not below the rank of Director

Chairman may co-opt any member for the smooth functioning of the committee. Each participating organization will nominate a nodal officer for the implementation of Jal Kranti Abhiyan.

## **1.4 Comprehensive Integrated Water Security Plan**

A comprehensive integrated water security plan would be prepared in a sustainable manner, for each Jal Gram. The Plan will be made by village level Committee looking at the needs of the village. Block level committees will provide technical inputs on the basis of available data regarding sources, quantity and quality of water in the village as well as the projected requirements.

The plan will include information on present sources of water in the village; its availability at present in both quality as well as quantity terms; the gaps in requirement and availability; and possible works to be taken up under various schemes of the State Government / Central Government to ameliorate the situation.

Local stakeholders particularly farmers & Water User Associations (W.U.A's) will be encouraged to provide suggestions towards possible solutions to the problems being faced by them. Suggestion of local representatives will be duly considered in preparation of the plan. Provision for operation and maintenance of the work (on sharing basis) by stakeholders will also be an integral part of the plan. The plan, once approved by District Level Committee, will form basis for formulation of individual schemes by the concerned line departments.

Representatives of Departments of State Government from Agriculture, Drinking Water & Sanitation, Urban Development, Rural Development, New and Renewable Energy etc., would also be associated at both district and block level for selection and planning.

For example, following activities can be taken up under integrated water security and conservation plan:

- Repair, Renovation & Restoration of existing and abandoned water bodies (reservoirs, tanks, ponds etc.) along with its distribution system within its command.
- Judicious use of ground water
- Construction of Rainwater harvesting structures like percolation tanks, farm ponds, check dams etc. and Artificial recharge of ground water using MGNREGA
- Recycling of waste water
- Mass awareness program for active participation of farmers
- Micro irrigation for water use efficiency
- Reclamation of water logged areas through bio-drainage etc.
- Community based water monitoring

- Innovation and Technology application
- Pollution abatement (Surface and ground water)
- Capacity building of Water User Associations and Panchayati Raj Institutions (PRI's).

The list given above is indicative. District and State level Committees can plan depending on local needs and availability.

The line departments will prepare schemes in their respective domain in consultation with Block Level Committee. The schemes will be appraised by the District Level Committee for its completeness. Subsequently, the line department will obtain necessary approvals. Efforts will be made to sensitize concerned appraisal agency to accord necessary approvals on priority basis. After necessary approval, the fund for implementation will be arranged as described in Section "Funding Arrangements" of this guideline.

The works will be implemented by the concerned line department on priority basis. The progress of implementation of the work will be monitored by the Block Level Committee on a weekly basis. The same will also be monitored by the District Level Committee on a monthly basis and State Level Committee on quarterly basis.

The performance evaluation of the works will be taken up by the District Level Committee on its completion. The situation of water problem in the village will be reviewed with respect to the base line information collected towards the commencement of the programme. Necessary corrective marginal modification work required, if any, will be taken up.

Depending on the nature of works involved, necessary arrangement will be made for handing over the its operation and maintenance to the Water Users' Associations / PRIs concerned after its completion.

### **1.5 Additional activities for each Jal Gram**

- A cadre of local water professionals i.e. "Jal Mitra" shall be created by imparting them suitable training to create mass awareness about issues pertaining to water as well as providing necessary guidance in tackling water supply related routine issues.
- Associated woman Panchayat members shall be encouraged to become Jal Mitra. They shall be named "नौर-नारी "
- A convention of these Jal Mitra's is proposed to be held at Delhi and at two places in Southern and Eastern region so as to have maximum participation of ground level workers of Jal Kranti Abhiyan

- A card known as Sujalam Card (with the logo "Water Saved, Water Produced/जल बचत, जल निर्माण") shall be prepared for every Jal Gram which would provide the yearly status/information on quality of Drinking water available for the village.

Similar activities can be taken up in the Jal Gram with approval of national committee in consonance with objective of Jal Kranti abhiyan. It is however clarified that no separate funding shall be made available for these activities and these shall have to be taken up through convergence with other schemes.

### 1.6 Tentative timeline:

S. No.	Activity	Action to be taken by	To be completed before
1	Meeting of all nodal officers at Delhi	CWC	25.06.2015
2	Uploading of decision support tool for selection of Jal Gram by CWC	CWC	10.07.2015
3	Meeting of National Level Committee	MoWR	13.08.2015
4	Meeting of State level committees in their states	CWC / CGWB	15.08.2015
5	Meeting of District Level committee	DM, State Admin	15.08.2015
6	Finalization of two Jal Gram by state level committee from recommendations of District level committee for every district.	Nodal Officer	15.08.2015
7	Meeting of Block level committee for identified Jal Gram	BDO	20.08.2015
8	Meeting of village advisory committee for identified Jal Gram	Gram Pradhan / Sarpanch	25.08.2015
9.	Submission of Integrated Water Security Plan by District level committee to state level committee prepared through inputs received from block level and village level committees	DM	15.09.2015
10.	Evaluation & finalization of Integrated Water Security Plan by State level committee in consultation with national committee.	Nodal Officer	15.10.2015
11.	Implementation of Integrated Water Security Plan by Block level and village level committees.	BDO	30.10.2015
12.	Monitoring of Integrated Water Security Plan	Nodal officer	
13.	Handling over the works to WUA's / PRI's etc.		31.01.2016

### Other Activities under Jal Gram Yojana

1.	Sujalam Card to be launched	District level Committee	15.09.2015
2.	Jal Mitra / Neer-Nari to be identified	BDO	31.08.2015
3.	Training of Jal Mitra / Neer-Nari	CWC	30.09.2015
4.	Convention of Jal Mitra (at three places)	CWC/CGWB	31.12.2015

## 2. Model Command Area

- The field Officers of Central Water Commission in consultation with State Governments will identify those command areas which are under implementation through schemes of the Ministry of Water Resources like Accelerated Irrigation Benefit Programme (AIBP), Repair, Renovation & Restoration (RRR) of Water Bodies and Command Area Development & Water Management (CAD & WM).
- Out of the projects identified, a command area which is suitable for show-casing the various concepts of water use efficiency “more crop per drop”, recycling of waste water, use of non-conventional energy, etc. will be identified on priority. Thereafter, identification of command area development schemes of Central/State Governments will be coordinated which will certainly include the following:-
  - Animal Husbandry
  - fisheries
  - horticulture,
  - micro irrigation
  - Swachh Bharat Abhiyan
  - 100% drinking water and sanitation.
- Water Users’ Associations involvement in implementation of the above issues will be encouraged. If Water Users’ Association is not existing, efforts will be made to formulate Water Users’ Associations in these areas and handover the command for operation, maintenance and management to Water Users’ Associations.
- Volumetric measure of water resources will also be started on an experimental basis and will be extended further for collection of water cess by Water Users’ Association.
- Maintenance of command will be the responsibility of the Water Users’ Associations with the above aims and the required institutional and legal framework, etc. will be created for a particular command area.

### **A tentative timeline is as follows:**

S. No.	Activity	Action to be taken by	To be completed before
1	Meeting of Regional Chief Engineer of CWC	CWC	31.07.2015
2	Identification of model Command areas	State Level Committee	31.07.2015
3	Launching of model Command Area Programme	State Level Committee	31.08.2015



### 3. Pollution Abatement

A tentative timeline is provided as follows:

- Water Conservation and Artificial Recharge: 126 Training programme in OE blocks before 30.10.2015
- Ground Water Pollution Abatement: 224 training programmes on fluoride & arsenic before 31.12.2015
- Arsenic Free Wells in Selected areas and Capacity Building of the officers of the State Water Supply Agencies and other stakeholders particularly W.U.A's and farmers
  - Deep tube wells in 7 blocks distributed in 5 districts of 4 states of UP, Bihar, Jharkhand and West Bengal
  - One capacity building programme of two days in UP, Bihar, Jharkhand, West Bengal and Assam before 31.12.2015
- Recharge along the Ganga Flood Plain for River Rejuvenation before 31.12.2015

### 4. Mass Awareness Programme

- State / UT Level One Day workshop : (total 36) CWC (21) + CGWB(15) + Bhujal Manthan before 30.11.2015
- Training Programmes at District Headquarter: (total 25)
  - before 30.11.2015
- Essay Competition (CGWB): before 30.11.2015
- Evaluation of Jal Kranti Abhiyan: from 1.1.2016
- India Water Week – one day proceedings on Jal Kranti Abhiyan. – Jan 15, 2016

### 5. Other Activities

- States shall be encouraged to adopt State Water Policy in line with National Water Policy 2012. They shall also be encouraged to set up/strengthen State Water Resources Council and State Water Regulatory Authority
- Evaluation studies for impact assessment.
- Allotting Unique Identification Number to every water body from data available on WRIS (Use of space technology for mapping of water).
- Real time river flow monitoring showing live picture of the flowing water shall be developed by CWC.
- Any other activity related to impact study, innovative technology for saving water taken up by State Level / District level Committee

## 6. Funding Arrangements

**6.1** Expenditure on various works proposed to be taken in each Jal Gram would be met from existing schemes of Central/State Governments, such as:

- Proposed Pradhan Mantri Krishi Sinchai Yojana,
- Repair, Renovation and Restoration of Water Bodies,
- Integrated Watershed Management Programme,
- Mahatma Gandhi National Rural Employment Guarantee Scheme,
- Information Education and Communication,
- Implementation of National Water Mission,
- Accelerated Irrigation Benefit Programme (AIBP),
- Dam Rehabilitation and Improvement Project, etc.

**6.2** No separate outlay is proposed for the works.

**6.3** Some funding for Information, Education and Communication activities shall be done by Mo WR, RD & GR. However, State Governments shall also utilize the funds available with them for carrying out similar activities.

**6.4** The details of works / activities and the schemes from which the funds would be met are as follows:

Sl. No.	Work/Activity	Scheme
1	Comprehensive improvement of selected tank systems including restoration within the irrigated Commands.	RRR of water bodies/ CADWM Programme/ PMKSY
2	Renovation and de-silting of existing irrigation tanks.	NREGA
3	Minor Irrigation Schemes	NREGA / AIBP / PMKSY
4	Increase in storage capacity of water bodies and Ground Water Recharge	RRR / PMKSY
5	Correction of system deficiencies above outlet up to distributaries of 4.25 cumec (150 cusec) capacity. (Earth work)	NREGA
6	Correction of system deficiencies above outlet up to distributaries of 4.25 cumec (150 cusec) capacity. (other than earth work)	CADWM Programme
7	Survey, Planning and designing of OFD works	CADWM Programme
8	Construction of field channels	NREGA/CADWM Programme
9	Ground Water recharge through Dug well	NREGA
10	Reclamation of waterlogged areas/drainage	NREGA/ CADWM programme
11	Conjunctive use of Surface and ground water	NREGA
12	Popularisation of New Technological solutions for efficient use of water	IEC
13	Demonstrations	CADWM programme
14	Capacity Building of communities & their participation	CADWM & NERIWALM

Following officers from Ministry of Water Resources, River Development and Ganga Rejuvenation would be the nodal officer to oversee the implementation of Jal Kranti Abhiyan for different region of the country. They would also visit the respective States.

JS (A & GW):	Punjab, Haryana, Mizoram, Arunachal Pradesh, Karnataka
JS(PP):	Bihar, Jharkhand, Telangana, Andhra Pradesh Assam, Uttar Pradesh, Meghalaya and UTs
Commissioner (Indus):	J & K, Himachal Pradesh, Uttrakhand, Rajasthan
Commissioner (FM):	West Bengal, Sikkim, Nagaland, Manipur, Tripura etc.
Commissioner (PR):	Tamil Nadu, Kerala Gujarat, Maharashtra,
Commissioner (B & B):	Goa, Madhya Pradesh, Chhatisgarh, Odisha
Commissioner (SP):	Model command Programme for entire country
CWC/CGWB:	Mass Awareness Programme