

**Ministry of Water Resources, RD&GR**

**Subject: Action Plans of MOWR, RD&GR on various recommendations of Group of Secretaries recently constituted on 8 thematic areas**

| <b>A. Good Governance - challenges and opportunities</b> |                                 |  |                    |  |
|--|---------------------------------|--|--------------------|--|
| <b>Sl. No.</b>   | <b>Item</b>                     | <b>Activities &amp; concerned officers</b>   | <b>Target date</b> | <b>action to be taken</b>  |
| 1.   | Electronic Service Delivery     | Operationalization of Digital Locker, Electronic Payment System<br><b>Action :- Dir(Tech), NIC</b>   | December, 2016     | Necessary action be taken in consultation with e-gov. cell, MoWR.  |
| 2.   | e-Procurement                   | i) Implementation of e-Procurement under Central public procurement platform for procurement of goods, services and work contracts<br>ii) End to End procurement of goods<br>iii) Training/capacity building of the officials involved in e-procurement<br>vi) Preparation of list of equipments/ services which can be hired instead of procurement<br><b>Action :- GA section, MoWR/Heads of Organizations</b> | December, 2016     | GA Section / Heads of Organizations will:<br>i) Finalize the content<br>ii) Training to staff<br>iii) Monitoring   |
| 3.   | Tracking of processes           | Adoption of GIS based decision support system for the projects<br><b>Action :- Chairman(CWC/CGWB)/ PP Division &amp; GW Division</b>   | March, 2017        | i) Identify the area<br>ii) Identify the team to implement<br>iii) Fix up vender as per procedure, if needed<br>iv) Consult expert from NRSE<br>v) Training to staff |
| 4.   | Mobile Apps                     | Start of Mobile Apps services for<br>i) Rain Water Harvesting<br>ii) Water studies in formation<br>iii) Legal and other provision on water regulation<br><b>Action :- Chairman(CWC/CGWB)</b>   | December, 2016     | i) Identify the App requirement/crowd survey<br>ii) Identify/select nodal person<br>iii) Develop app<br>iv) Launch beta-version                                      |
| 5.   | Re-engineering of the processes | Re-engineering of the process for the sanction and approval of PMKSY, ID scheme, approval of the State Govts.<br><b>Action :- Comm(SP)/ID Section</b>  | August, 2016       | i) Identify processes to be re-engineered<br>ii) Identification of changes required<br>iii) Simplification of processes  |



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| 4.  | Integration of Rain Water Harvesting with MNREGA | Water Harvesting structure, field ponds and other structures will be integrated with MNREGA for better employment generation.<br><b>Action:-[ Chairman, CGWB]</b>  | Continuous process           | i) Taking matter with M/o-Rural Development for integrating RWH with MNREGA<br>ii) Finalization of guidelines  |
| 5.  | Identification of new skills                     | i) Identification of new skills in water conservation, water governance, rain water harvesting like plumbing, repairing etc.<br>ii) Certification through CGWA/SGWA<br>iii) Water Auditors for village level/urban area in PRI<br><b>Action:-[ Chairman, CGWB/ MD, NWM]</b>  | September, 2016              | i) Identification of new skills in these areas<br>ii) Start certification through CGWA/SGWA  |
| 6.  | MoUs with the foreign countries                  | To provide training for new techniques to WUAs in the MoUs signed countries.<br><b>Action:-[HRD Division /MD, NWM]</b>   | Continuous process           | Prepare annual action plan for training to WUAs  |
| <b>C. Farmers Centric Issues in Agriculture and allied Sector</b> |  |  |                              |  |
| 1.  | To make all schemes farmer-centric               | Mapping up of Accelerated Irrigation Benefits Program (AIBP), Repair Renovation and Restoration (RRR) of Water Bodies, Command Area Development and Water Management (CAD&WM) Program, Flood Management Program, Development of Water Resources Information System (DWRIS) etc. for the maximum benefits of the farmers.<br><br><b>Action:-[Comm(SP)/ Comm(FM)/Chairman, CWC/CAD Division /Chairman, CGWB]</b> | December, 2016               | i) Calling proposals from the states<br>ii) Mapping of these schemes from farmers perspectives including the benefits for farmers components<br>iii) Providing financial assistance<br>iv) Drought proofing and Ground Water Development<br>v) Demand Side Management to be developed on agro climatic zone<br>vi) Efficient management of water |
| 2.  | Training to WUAs/Farmers                         | <ul style="list-style-type: none"> <li>• Training of water user associations in new techniques of water conservation.</li> <li>• CAD cell of CWC and CADA officers from states to be trained.</li> </ul> <b>Action:-[MD, NWM/CAD Division/Chairman, CWC]</b>   | Throughout the year, 2016-17 | i) To include new techniques of water conservation in training program of NWM<br>ii) Prepare annual training plan<br>iii) CADA Cell to be activated. Conduct training for CADA   |

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| 3.   | PIM to be operationalized | To provide incentives to states/farmers for using PIM/sprinkle irrigation.<br><b>Action:-[Comm(SP)/ Chairman, CWC]</b>  | December, 2016                | i) Necessary provisions in the guidelines of PMKSY<br>ii) Incentivization to states/farmers  |
| 4.   | Water Management          | Requesting M/o-HRD for Inclusion of water management/ River Basin Management/Agri Business/ IWRM subject in the selected Universities / Engineering Colleges.<br><b>Action:-[PP Division/Admn. Division]</b>  | December, 2016                | Taking up matter with M/O-HRD to include water management subject in the selected Universities /Engineering Colleges/ Management Institutes  |
| 5.   | Ground Water Measurement  | i) Mapping of ground water level<br>ii) Training to local youths for ground water conservation<br>iii) Application based collection of ground water Data by local youths.<br><b>Action:-[Chairman,CGWB]</b>   | 2016-19                       | CGWB prepare necessary action plan for these activities.   |
| 6.   | Jal Kranti Abhiyan        | i) Water Management/ Water Conservation Awareness program in selected blocks/ villages throughout the country.<br><b>Action:-[PP Division/GW Division/Chairman, CGWB]</b><br>ii) Implementation of ground water minor irrigation scheme with financial support from PMKSY<br><b>Action:-[Chairman, CGWB /Chairman,CWC/ Comm(SP)]</b><br>iii) Identification of “Jal Mitra” in each Jal Gram and give them training.<br><b>Action:-[Chairman,CGWB/ Chairman,CWC/PP Division]</b> | 2016-18<br>Continuous process | i) Necessary programs be undertaken under Jal Kranti Abhiyan, in project mode.<br>ii) CGWB will undertake this program in 500 blocks.<br><br>i) Finalization of guidelines<br>ii) Calling proposals from states<br>iii) Providing financial assistance.<br><br>‘Jal Mitra’ to be identified by Distt./Block Committee and become “Agents of change in water Sector”. |
| <b>D. Education &amp; Health; Universal access and quality</b> |                           |   |                               |  |
| 1.   | Clean Ground water        | To educate people through selected schools/ localities on clean/pollution free ground water/recycled waste water<br><b>Action: [Chairman, CGWB/Chairman, CWC/MD, NWM]</b>   | Continuous Process            | i)Identification of Some schools/Localities to educate/ aware people for clean/ pollution free ground water in each state.<br>ii) To provide technical advice on arsenic/fluoride mitigation.<br>iii)Conduct awareness program/ training through Regional offices of CGWB/CWC.   |

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| 2.                             | Minimum use of Plastic Water Bottles                           | <p>i) To discourage serving of water bottles in the meetings<br/><b>Action:[GA Section/Head of Organizations]</b></p> <p>ii) Innovative schemes like collecting of left over water in water bottles in schools/hotels etc. for gardening and other uses.<br/><b>Action:[Chairman, CGWB/PP Division]</b></p> | Immediate        | <p>Issue circular/ instruction to serve water in glass during meetings except meetings with the foreign delegates.</p> <p>CGWB/CWC will conduct the program through its Regional offices. This activity can be undertaken in “Jal Gram villages” in some identified villages.</p> |
| 3.                             | Public Participation   | <p>Involvement of general public for water conservation/not polluting water bodies.<br/><b>Action:[PP Division/ MD(NWM)/ AMD(NMCG)/ Chairman, CGWB]</b></p>   | Immediate        | <p>i) Identification of programs/works where public can be involved<br/>ii) To encourage Public participation in Ganga Cleaning, Water Conservation and Ground Water Management.</p>  |
| 4.                             | e-learning   | <p>e-learning modules to be developed by 3 research institutes under the Ministry.<br/><b>Action:[CE, NWA/Dir(NIH)/ Dir(CWPRS)/Dir(CSMRS)]</b></p>  | September , 2016 | <p>i) Finalizing subjects for e learning<br/>ii) Prepare Annual Action Plan<br/>iii) Start giving training to various stakeholders</p>  |
| 5.                             | Education in Water Sector                                      | <p>To consult HRD Ministry to include Ganga Rejuvenation, River Conservation subjects in the school curriculum.<br/><b>Action:[AMD(NMCG)/ Chairman, CGWB]</b></p>   | December, 2016   | <p>NMCG shall consult M/O-HRD to include Ganga Rejuvenation, River Conservation subjects in the school curriculum.</p>  |
| <b>E. Innovative Budgeting</b> |  |   |                  |   |
| 1.                             | Exploring innovative Funding to MMI and MI irrigation projects | <p>To prepare and approve the scheme for funding the MMI and MI irrigation projects through NABARD/other Financial Institutions.<br/><b>Action:[Comm(SP)/IFD/ DG,NWDA]</b></p>  | July,2016        | <p>i) Preparing/ fi-nalization of proposals for the same<br/>ii) Taking matter with NABARD</p>  |
| 2.                             | Provision for posts along-with schemes                         | <p>Making provision of posts in the all new schemes itself.<br/><b>Action:[All Wings Heads/ SMDs]</b></p>   | 2016-17          | <p>This to be noted by all for compliance</p>   |
| 3.                             | Making provision for administrative expenditure                | <p>All schemes will have prevision for administrative expenditure of 3% of budget allocation.<br/><b>Action:[ All SMDs/ IFD]</b></p>  | 2016-17          | <p>This to be noted by all for compliance</p>   |

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| <b>F. Accelerated Growth with inclusion and equity</b> |  |  |   |   |
| 1.   | Agricultural Growth                          | Make investment in irrigation through Solar Pump, Sprinkler, Drip, recycled water and Command Area Development.<br><b>Action:[Comm. SP/CAD Division]</b>   | December, 2016  | i) Necessary provision for the same may be done while providing financial assistance under PMKSY Scheme.<br>ii) Focus should be to bridge gap of IPC-IPU  |
| 2.   | River Basin Management                       | i) IWRM study of 10 identified river basins for complete water scenario of these river basins.<br><br>ii) Setting up of River Basin Authority.<br><b>Action:[Chairman, CWC/PP Division]</b>  | December, 2017  | i) Prepare complete action plan for IWRM study<br>ii) MOUs with IITs/other technical<br>iii) Regular monitoring of progress<br><br>i) Finalization of proposal for the setting up of River Basin Authority<br>ii) Obtaining approval of Competent Authority |
| 3.   | Social Audit                                 | Implementation of Social Audit in CAD,RRR scheme and Jal Gram<br><b>Action:[Comm(SP)/CAD Division]</b>   | March,2017  | Social Audit in some CAD and RRR projects and Jal Gram be done by March, 2017   |
| 4.   | Awareness Generation /Media campaign         | i) Involvement of Gram Panchayats in water conservation<br>ii) Regular media campaign through DTH, Radio and print media<br><br><b>Action:[IEC Division / MD(NWM)]</b>   | Continuous process  | NWM and IEC shall include these works in their Action plan 2016-17.   |
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| 5.   | Incentivization for research in Water Sector | To incentivize the researcher/ students for innovative research in water sector<br><b>Action:[PP Division /Dir(R&amp;D)]</b>   | 2016-17   | i) Make necessary provision for the incentivisation be made in R&D Scheme.  |
| <b>A. Swachh Bharat and Ganga Rejuvenation</b>         |  |  |   |   |
| 1.   | Swachh Bharat Campaign                       | i) Action Plan for the Swachh Bharat Mission in the Ministry<br>ii) Cleanliness drive to be conducted on quarterly basis<br><br>iii) Awareness among the employees by conducting workshops/training<br><b>Action:[GA Division]</b> | Completed<br><br>Continuous Process<br><br>Continuous Process | i) Preparation of Annual Action plan by GA/All Organizations.<br>ii) Awareness program for the employees/ necessary circulars be issued by GA/all Organizations.<br>iii) Supervision by JS level officers.  |

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| 2.      | Ground Water Management | Involving Gram Panchayat & NGOs for the management and conservation of ground water.<br><b>Action:[Chairman, CGWB]</b>   | March, 2017  | i) Preparation of action plan<br>ii) Start involvement of Gram Panchayat & NGOs for these works  |
| 3.      | River Cleaning          | i) Maintaining e-flow of the rivers for pollution abatement<br>ii) To make permanent anti-erosion structure along the river bank<br>iii) De-silting of rivers<br><b>Action:[Chairman, CWC/Comm.(FM)]</b>   | March, 2019  | i) Guidelines for e flow of rivers in consultation with MoEF&CC.<br>ii) Making provision of anti-erosion structure in FMP proposal<br>iii) De-silting of rivers be included in FMP |
| 4.      | Ganga Cleaning          | i) To ensure that no untreated industrial effluents is drained in the river Ganga.<br>ii) To ensure that no untreated water will flow in to the River Ganga<br>iii) To ensure that Sewage Treatment Plant will be installed at every meeting point<br>iv) Identification of Ganga Grams for complete sanitation campaign<br>v) Involvement of local bodies/Panchayats/ NGOs in Ganga Cleaning<br>vi) Involved corporate sector under CSR program<br>vii) Solid Waste Management<br>viii) Recycle & reuse of water<br><b>Action:[AMD, NMCG]</b> | Continuous Process. To be completed by March, 2020 | NMCG shall prepare action plans for these activities to complete these works by March, 2020.   |

#### H. Energy Efficiency and conservation

|    |                             |   |             |   |
|----|-----------------------------|---|-------------|---|
| 1. | Energy saving               | Upgrade office equipments to energy saving/star rating models.<br><b>Action:[GA Section/Head of Organizations]</b>  | March, 2017 | Necessary action be taken to phase out old equipment by Ministry/ all Organizations. Only star rated ACs are to be procured |
| 2. | Awareness for energy saving | To create awareness among officers and staff to turn off their electrical appliances when he is not on their seats.<br><b>Action:[GA Section/Head of Organizations]</b> | Immediate   | Awareness program be arranged by GA Section and Head or Organizations. Circulars in this regard may also be issued.         |
| 3. | Govt. Vehicle               | Minimizing use of govt. vehicles. To promote CNG vehicles. Procure fuel efficient new vehicles.<br><b>Action:[GA Section/Head of Organizations]</b>                     | Immediate   | Necessary steps be taken in this regards..  |

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|----------------|--------------------|---|--------------------|---|
| <b>4.</b>      | Solar Energy       | To promote use of solar pumps for irrigation<br><b>Action:[Comm(SP)/ Chairman, CGWB]</b>      | December, 2018     | i) Use of Solar Pumps should be encouraged under PMKSY and Ground Water Management Scheme.  |
| <b>5.</b>      | Water Conservation | To promote Rain Water Harvesting for conservation of water<br><b>Action:[ Chairman, CGWB]</b> | December, 2016     | CGWB will prepare a scheme by which implementation of Roof top Rain Water Harvesting on Government Building is popularized. Mobile Application “Jal Sanchayan” to be promoted through media publicity |