State and District Water and Sanitation Missions

Guidelines for Effective Functioning

Institutional setup of SWSM

As a step towards achieving coordination and convergence among State Departments dealing with Rural Drinking Water Supply, Rural Sanitation, School Education, Health, Women and Child Development, Water Resources, Agriculture, etc. A State Water and Sanitation Mission (SWSM) should be set up at the State/ UT level. It shall be a registered society under the aegis of the Department/ Board/ Nigam/ Authority/ Agency implementing rural water supply programme in the State. It will be providing the operational flexibility to the States/ UTs, so that the desired thrust is there for an integrated implementation of and institutionalizing community participation under Rural Water Supply Programme and Total Sanitation Campaign (TSC). The SWSM shall be headed by the Chief Secretary/ Additional Chief Secretary/ Development Commissioner with Secretaries in-charge of PHED and other concerned Departments as members. Secretary (PHED) (or the Department concerned with rural water supply) shall be the nodal Secretary responsible for all the SWSM activities and for convening the meetings of the Mission. Experts in the field of Hydrology, IEC, HRD, MIS, Media, NGOs, etc. may be co-opted as members. The recommended structure for implementing rural water and sanitation programmes at the State level is at Annex–I.

The State Water and Sanitation Mission (SWSM) would have the following functions:

i.) Monitoring and evaluation of physical and financial performance and management of the water supply and sanitation projects on a quarterly basis; a suggested agenda for the SWSM meeting is at Annex–II and a monitoring format at Annex–V.

ii.) Provide policy guidance;

iii.) Convergence of water supply and sanitation activities including special projects;

iv.) Coordination with various Departments of the State Government and other partners in relevant activities;

v.) Integrating communication and capacity development programmes for both water supply and sanitation;

vi.) Maintaining the accounts for Programme Fund and Support Fund and carrying out the required audits for the accounts.

Composition of SWSM

i.) Chief Secretary / Additional Chief Secretary/ Development Commissioner

Chairperson

ii.) Secretary, Panchayati Raj

Member
iii.) Secretary, Rural Development  
iv.) Secretary, Health  
v.) Secretary, Education  
vi.) Secretary, Science & Technology  
vii.) Secretary, Women and Child development  
viii.) Secretary, Power  
ix.) Secretary, Water Resources  
x.) Secretary, Agriculture  
xi.) Secretary, Finance  
xii.) Secretary, Information and Public Relations  
xiii.) Secretary, Urban Development  
xiv.) Secretary, PHED

State Level Scheme Sanctioning Committee (SLSSC)

One of the policy issues mentioned in the National Rural Drinking Water Programme guidelines is about delegation of powers for according technical and administrative approvals to the State Government in order to avoid administrative bottlenecks in the execution of the rural water supply schemes and related Support activities viz., CCDU, WQM&S, MIS, R&D, M&E, STA etc.

The delegation of powers is subject to the condition that the State Governments have to ensure that a proper system of monitoring and evaluation is in place. The State Governments should furnish complete and timely information to enable the Government of India to release funds regularly.

In this regard, all States are to constitute a State Level Scheme Sanctioning Committee (SLSSC) with the following members:

i.) Secretary PHED/ Rural Water Supply Department  
ii.) Engineer-in Chief, PHED/ Rural Water Supply Department  
iii.) Representative of Department of Drinking Water Supply, Government of India  
iv.) Representative of CGWB, State Representative  
v.) Representative of State and Central Water Commission/ Board  
vi.) Director, RD  
vii.) Director, SSA

Here is a concise representation of the committee members:

- Chairperson: Secretary PHED/ Rural Water Supply Department
- Secretaries:
  - Engineer-in Chief, PHED/ Rural Water Supply Department
  - Representative of Department of Drinking Water Supply, Government of India
  - Representative of CGWB, State Representative
  - Representative of State and Central Water Commission/ Board
  - Director, RD
  - Director, SSA
- Members:
  - Secretary, Health
  - Secretary, Education
  - Secretary, Science & Technology
  - Secretary, Women and Child development
  - Secretary, Power
  - Secretary, Water Resources
  - Secretary, Agriculture
  - Secretary, Finance
  - Secretary, Information and Public Relations
  - Secretary, Urban Development
  - Secretary, PHED
  - CGWB State Representative
  - State and Central Water Commission/ Board
  - Director, RD
  - Director, SSA
viii.) Director, NRHM Member
ix.) Director, ICDS Member
x.) Representative of State Technical Agency (STA) Member
xi.) Technical Expert from reputed State and/ or National related institutions Member
dii.) Chief Engineer, Planning PHED/ Rural Water Supply Department; Member
xiii.) Director, Water and Sanitation Support Organization Member
xiv.) Any other member nominated by the SWSM keeping coordination issues in view Member

The agenda note for the meeting should be sent to the DDWS 15 days in advance and its representative should invariably be invited to attend the meeting of the State Level Scheme Sanctioning Committee. All the RWS projects and Support activities under all heads to be taken up by the State Government are to be approved by SLSSC. The functions of SLSSC are:

i.) Before the beginning of every year, the State Government will have to prepare an Annual Action Plan on the habitations to be targeted adhering to the prioritization of habitations to be covered as laid down in the Guidelines, schemes to be taken up and other activities to be taken up in the year.

ii.) Based on the Annual Action Plan that is finalized after discussions with the DDWS before or in the beginning of the year, the habitations to be targeted and schemes to be taken up for approval of the State level Scheme Sanctioning Committee should be firmed up and marked on the IMIS.

iii.) Annual Action Plan of all support activities under CCDU, WQM&S &S, MIS, R&D, M&E etc., to be under taken by State Water and Sanitation Support Organization needs to prepared and got approved in the SLSSC in order to access funds from DDWS.

iv.) The schemes put up for approval in the committee should be cleared by the Source Finding Committee and technical approval should be given by the competent authority of the State/ UT.

v.) State Level Scheme Sanctioning Committee should ensure that all the approved projects are entered on the central online MIS for accounting of habitations addressed/ covered during the year.

vi.) Meetings of the Committee should be held at least twice in a year, wherein apart from sanctioning new schemes, progress, completion and commissioning of the schemes approved earlier by the Committee should be reviewed.

vii.) The Committee should invariably review the functioning/ performance of existing water supply schemes for availability of potable drinking water in adequate quantity in the rural habitations of the State/ UT. Coverage of schools, anganwadi centres and health institutions with potable and regular water supply should also be reviewed.
**Water and Sanitation Support Organization (WSSO)**

All States will have to set up Water and Sanitation Support Organization (WSSO) under State Water and Sanitation Mission (SWSM) to deal with NRWQM&S (DWT Labs), MIS/Computerization project, M&E and IEC & HRD (CCDU), R&D, etc. These are activities for which 100% fund are provided (as Support Funds) by Department of Drinking Water Supply, Ministry of Rural Development, Government of India. The personnel can be engaged as per CCDU guidelines and the State Government should clearly define their role and functions. The main functions of WSSO are as follows:

i.) This organization would only deal with software aspect of RWS sector and may not be involved in implementation of water supply schemes;

ii.) The organizations main function would be to act as a facilitating agency and would function as a bridge between the PHED/Board and the Community Organizations On a selective basis the WSSO would assist the PRIs and VWSCs to prepare water security plan and plan, implement and maintain RWS projects based on the water security plan; these would be pilot projects intended to develop models for scaling up the activity on district and state-wise basis.

iii.) Take up HRD and IEC activities through CCDU;

iv.) Take up evaluation studies, impact assessment studies, R&D activities and share the findings with PHED for corrective action;

v.) Take up MIS and computerization programmes, GIS mapping and online monitoring systems, including those for water quality monitoring & surveillance.

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<tr>
<th>Post</th>
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<tr>
<td>1. Director</td>
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<td>PHED/on deputation/contract</td>
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<tr>
<td>2. State Coordinator</td>
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<tr>
<td>3. Accountant</td>
<td>01</td>
<td>PHED/on deputation/contract</td>
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<td>4. Consultants</td>
<td>03</td>
<td>Contract</td>
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<td>5. Data Entry Operator</td>
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State Technical Agency (STA)

SWSM in each State in consultation with the Department will identify reputed Technical Institutions, designated as State Technical Agencies (STA) to which technical support to PHED/ Boards can be outsourced. The STA will be used to fill up gaps in the technical needs of the PHED, as and when required, without resorting to creation of posts and recruitment. PHED/ Boards may outsource the designing preparation of rural water supply projects and carrying out state specific R&D activities or any other input required by the Department, such as preparation of village water security plan etc. The broad function of STA is given below:

i.) To assist the State Department to plan and design scientifically sound and cost effective rural water supply schemes with special emphasis on sustainability of the source and system.

ii.) To assist the PHED in preparation of action plan for both software activities and hardware activities.

iii.) To evaluate and scrutinize major/ complex water supply schemes as assigned by the SLSSC/ PHED for consideration under SLSSC.

iv.) To provide feedback to the SWSM/ SLSSC/ PHED on various aspects of the programme and problems encountered in planning and implementation at the field level for possible changes/solution at the State level.

v.) To engage technical experts on specific assignments

Institutional Setup of District Water and Sanitation Mission (DWSM)

A District Water and Sanitation Mission (DWSM) shall be constituted at the district level and should function under the supervision, control and guidance of Zilla Panchayat/ Parishad. States which do not have a proper PRI set up in place, as in case of 6th Schedule Areas and desire to supervise the working of the DWSM through alternative mechanism, may put in place a suitable body through which the District Water Security Plan will be prepared and implemented. The entire village water security plans should be consolidated and analyzed at the district level by DWSM. It should prepare a district based water security plan under the guidance of DWSM for implementation. At the district level, convergence of all the other related programmes and funding should be ensured. Some of the major related programmes are, MNREGS, Integrated Watershed Management Programme projects of Dept. of Land Resources, Ministry of Rural Development, Central and State Finance Commission funds, NRHM, various Watershed and Irrigation schemes of the Ministry of Agriculture, various schemes of the Ministry of Water Resources etc. The composition and functions of DWSM should be as follows:

i.) DWSM shall be headed by Chairman of Zilla Parishad. In Districts where Zilla Parishads have not been constituted and there is no Chairman in place, the Chairman of the District Planning Committee or the District Collector/ Deputy Commissioner, as may be decided by the State Water and Sanitation Mission will be the Chairperson of the DWSM.

ii.) The members would be – all MPs/ MLAs and MLCs of the District; Chairperson of the Standing Committees of the Zilla Parishad; District Collector/ Deputy Commissioner, District Officers of Education, Health, Panchayati Raj, Social Welfare, ICDS, PHED, Water Resources, Agriculture, Information and Public Relation;

iii.) NGOs shall be identified by the District Water and Sanitation Mission and co-opted into the Mission as members.
iv.) The Executive Engineer of PHED/ District Engineer of the ZP shall be the Member Secretary and the Drawing and Disbursing Officer. The Member Secretary shall ensure utilisation of the existing infrastructure with him for administrative support for day today functioning.

v.) The Mission shall meet at least quarterly to review the status of and progress in implementation of rural water supply and sanitation programmes. A suggested Agenda for the meeting is at Annex–III and a monitoring format is at Annex–V. In case of MPs/ MLAs/ MLCs of the district who are also Ministers in Central/ State Governments, they may be allowed to depute one representative each on their behalf to the District Water and Sanitation Mission.

The functions of the District Water & Sanitation Mission (DWSM) are as follows:

i.) formulation, management and monitoring of projects and progress on drinking water security and total sanitation in rural areas;

ii.) scrutiny and approval of the schemes submitted by the Block Panchayat/ Gram Panchayat and forwarding them to SLSSC where necessary;

iii.) selection of agencies and/ NGOs and enter into agreements for social mobilisation, capacity development, communication, project management and supervision,

iv.) sensitising the public representatives, officials and the general public;

v.) engaging Institutions for imparting training for capacity development of all stakeholders, and undertaking communication campaign;

vi.) coordination of matters relating to water and sanitation between district representatives of Health, Education, Forests, Agriculture, Rural Development, etc as well as National programmes such as SSA, NRHM, ICDS, etc; and

vii.) interaction with SWSM, State Government and the Government of India.

Recommended Staffing in District Water & Sanitation Mission

The District Water & Sanitation Mission would need adequate support staff/ Consultants in various fields. The States have the flexibility to frame their own qualifications or to depute suitable officers from the concerned Departments. These personnel are over and above the staffing in the regular PHED in the districts to serve as support staff. Posts may be filled on contract basis from NGOs/ manpower agencies or through deployment of staff from Govt. departments.

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<th>Field</th>
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<td>IEC and Equity Consultant - 1</td>
<td>Graduate in Mass Communications or related field</td>
<td>2 years with NGO/ Govt. Deptt.</td>
<td>Draw up and help in implementation of IEC Plan</td>
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<tr>
<td>Monitoring, Evaluation cum MIS Consultant - 1</td>
<td>Graduate in Statistics with Computer knowledge</td>
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<td>Monitor progress and update IMIS regularly.</td>
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<tr>
<td>Role</td>
<td>Qualification</td>
<td>Responsibilities</td>
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<tr>
<td><strong>HRD Consultant – 1</strong></td>
<td>Graduate in Engineering, Management or in Social Science</td>
<td>Draw up training and capacity building plan and help in its implementation.</td>
<td></td>
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<tr>
<td><strong>Hydro geologist - 1</strong></td>
<td>Graduate in Geology</td>
<td>Guidance in source identification and advise on recharge structures.</td>
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</tr>
<tr>
<td><strong>Sanitation and Hygiene Consultant- 1</strong></td>
<td>Graduate in Science/Social Science, 2 years with NGO/ Govt. Dept.</td>
<td>Help to implement TSC activities.</td>
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</tbody>
</table>
Recommended structure for implementing Rural Drinking Water and Sanitation programmes

State Water and Sanitation Mission (SWSM)

State Level Scheme Sanctioning Committee
- Water and Sanitation Support Organisation (WSSO)
- Communication and Capacity Development Unit (CCDU)
  State Technical Agency (STA)

Zilla Panchayat / District Water and Sanitation Mission

District Support Unit

Block Panchayat

Block Support Unit

Gram Panchayat

Village Water and Sanitation Committee (VWSC)

Working with NGOs, CBOs, Community Volunteers and Entrepreneurs in generating demand and effecting supply for rural water supply and sanitation interventions
Agenda for SWSM meeting – Quarterly

(Please use Monthly Monitoring Report format for review)

i.) Review of implementation of National Rural Drinking Water programme.
ii.) Review of aspects of sustainability of drinking water supply schemes.
iii.) Perusal of proceedings of SLSSC meetings.
iv.) Review of implementation of Total Sanitation Campaign and NGP.
v.) Review of sustainability of TSC including usage of constructed toilets.
vi.) Review of the performance of WSSO.
vii.) Convergence of activities of various departments at State level.

Items for discussion under Agenda for SWSM Meeting – Quarterly

1. Review of implementation of National Rural Drinking Water programme
   i) Progress of NRDWP with regard to preparation of plans based on community centric approaches:-
      • Review of Districts that have not prepared District Water Security Plans and sustainability plans.
      • No. of Village water security plans to be developed and progress.
      • Districts/ subdivisions without Water testing laboratories and actions thereon.
      • Have Village Water and Sanitation Committees (VWSCs) been formed in all villages?
      • Have Bye Laws been prepared for VWSCs as Standing Committees of Gram Panchayat?
   ii) Physical and Financial progress under NRDWP
   iii) Review of proceedings of SLSSC meetings.

2. Review of implementation of Total Sanitation Campaign and NGP
   • Identify institutions, NGOs and experts to assist in IEC campaigns.
   • Progress under TSC: coverage of schools, anganwadis, community toilets, IHHLs.

3. Review of sustainability of TSC including usage of constructed toilets.
   • Progress of NGP and sustainability in NGP villages.
   • Document best practices in the State undertaken for TSC

4. Review of the performance of Water and Sanitation Support Organization (WSSO)
   o Communication and Capacity Development Unit
      • IEC activities
- Training activities
  - Water Quality Monitoring & Surveillance
  - MIS/ Computerization
  - State Level Technical Agency (STA)
  - Research and Development projects

5. Convergence of activities of various departments at State level

A. Ensuring safe water supply
   - Taking up the work of sustainability structures under MNREGS, IWMP.
   - Review of maintenance and proper up keep of traditional village ponds.
   - Guidance regarding supply of refills for field test kits from untied funds of NRHM/ Support fund of NRDWP.
   - Review of steps to involve secondary school students in the use of field test kits for testing village water samples.
   - Monitoring of pollution of ground and surface water by fertilizers/pesticides.

B. Incidence of Water and Sanitation borne diseases
   - Review of health check up of children, with special reference to water borne diseases and those that result from poor sanitation.
   - Review of incidence of diarrhoeal diseases and other water and sanitation borne infestations
   - Review of disinfection of public water bodies.
   - Review of measures for maintenance of common water bodies.

Education Department
   - Whether there are standing orders on the mechanism and funding source/s for maintenance of sanitation and toilets in schools; SSHE coverage.

C. Conservation measures
   - Activities related with water and sanitation works like, recharge and rain water harvesting structures under MNREGS and IWMP.
   - Use of Hydro-geo-morphological (HGM) maps supplied by DDWS and NRSC for locating recharge structures.

Agriculture Department
   - Exploring possibilities and initiate studies/ projects for Ecosan toilets and linking toilets, solid and liquid waste conversion to biogas and fertilizer/ manure production
   - Measures for more efficient water usage.
   - Efforts for selection of proper crop in water stressed areas and reward mechanism for cultivators.

D. IEC for better health to community through WATSAN

Education Department
   - Review of activity of Health and hygiene education in schools under IEC activity.

Review of efforts being made to use students as messengers of cleanliness for their households.
Annex–III

Agenda for DWSM – Monthly Meeting

Rural Drinking Water Supply
i.) Physical and Financial progress of NRDWP and Jalmani programmes
ii.) Functionality of drinking water supply systems
iii.) Issues of electricity supply to rural water supply projects
iv.) Sustainability measures taken up under NRDWP, MNREGS, IWMP etc
v.) Water Quality Monitoring & Surveillance

Rural Sanitation
i.) Physical and Financial progress of TSC and NGP programmes
ii.) Sustainability status of TSC and NGP

Common Activities
i.) IEC activities
ii.) Capacity building and training activities
iii.) Formation of VWSC and their performance
iv.) Issues of health -incidence of diarrhoea and other water borne diseases
v.) Issues of education- school sanitation, water supply and hygiene education
vi.) Issues of women and child development –Anganwadi sanitation, water supply and maintenance of hygiene
vii.) Convergence with other programmes
viii.) Data updation

Details of Agenda for DWSM Meeting – Monthly
(Please use Monthly Monitoring Report format for review)

i.) Physical and Financial progress of NRDWP and Jalmani programmes
ii.) Functionality of Drinking Water Supply systems
iii.) Names of piped water supply schemes, in the district that are non-functional? What efforts are made to make them functional?
iv.) **Issues of electricity supply to Rural Water Supply projects**

v.) Tackle issues of power supply to piped water supply schemes

vi.) **Sustainability measures taken up under NRDWP, MNREGS, IWMP etc.**

vii.) Is roof water harvesting taken up in all Government buildings like offices, hospitals, schools, hostels? Are the existing roof water harvesting structures functional?

viii.) Are feeder channels of village ponds free from encroachment? Are they de-silted and adequately wide? Whether tanks/traditional ponds, rainwater harvesting structures are being maintained properly?

ix.) Whether MNREGS, IWMP etc. funds are appropriately used for constructing water harvesting structures; deepening/ de-silting of Tanks, construction of dykes and barriers on a watershed basis?

x.) How many Village Water Security Plans are developed?

xi.) **Water Quality Monitoring & Surveillance**

xii.) Whether the pollution of ground water by fertilizers/pesticides is being monitored?

xiii.) Are school laboratories and students involved in water quality monitoring?

xiv.) Results of water quality monitoring and follow up.

xv.) **Physical and Financial progress of TSC and NGP**

xvi.) **Sustainability status of TSC and NGP**

xvii.) IEC activities

xviii.) Capacity building and training activities

xix.) **Formation of VWSC and their performance**

xx.) Have Village Water & Sanitation Committees (VWSC) been formed with 50% women & proportionate representation for SC, ST & Minorities as a standing committee of the Gram Panchayat for all villages in the District

xxi.) Are the VWSCs functional? A list of measurable indicators to measure VWSCC functioning is at Annexure IV.

xxii.) **Issues of health - incidence of diarrhoea and other water borne diseases**

xxiii.) Whether identification of stagnant water bodies and other unsanitary conditions causing health problems has been done?

xxiv.) Whether health check up of children is carried out with special reference to water borne disease caused by poor sanitation?

xxv.) Whether timely review and documentation of incidence of water borne diseases and other sanitation and water borne disease is done? Is there any area where breakouts have been reported? Corrective action taken in such areas?

xxvi.) **Issues of Education - School Sanitation, Water Supply and hygiene education**

xxvii.) Whether all the existing government schools as per the latest SSA DISE data are provided with safe water supply?

xxviii.) Whether arrangements for hand washing are available in all schools?

xxix.) Are the water storage units in the schools cleaned regularly and inspected?
Whether health and hygiene education, including hand washing before and after meals and defecation is propagated in schools?

Whether efforts are made for using students, Eco Clubs, Science Clubs, Environment Clubs, Health Committees as messengers of toilet construction and use, hygienic habits in their households.

Issues of Women and Child development – Anganwadi Sanitation, Water Supply and maintenance of hygiene

Whether Anganwadis have safe water supply and baby friendly toilets?

Convergence with other programmes

Whether community/individual composting pits and soak pits, stabilization ponds are taken up under MNREGS, other programmes.

Whether arrangements for toilets are made available near MNREGS work sites?

Data updation

Review of data uploading on IMIS

Entry of MPR for coverage of targeted habitations, toilets.

Details of Agenda for DWSM Meeting for discussion on annual basis

A. NRDWP

1. District/ Village Water Security
   i.) Priority and selection of works for Annual Action Plan to cover
      o 0% and < 50% population covered habitations and
      o quality affected habitations
      o SC, ST and minority dominated habitations
      o Sustainability measures
   iii.) Coverage of all Government Schools, Anganwadis and Health Institutions with water supply and toilets.
   iv.) Review of provision of O&M funds to Gram Panchayats, collection of water tariff
   v.) Review of Pre and Post monsoon water availability and planning for contingent measures if any.

2. Review of physical and financial progress

   Physical achievements in the year and utilization of funds
3. Proposal for inclusion in Agenda for SLSSC- Agenda for approval of schemes to be referred for approval of SLSSC to be finalized

B: Total Sanitation Campaign
i.) Plans for covering
   a) IHHLs – APL - BPL
   b) School toilets and Urinals
   c) Anganwadis – Toilets and Urinals
   d) Community Sanitary complex

ii.) Are adequate numbers of masons trained in construction activity related to sanitation?

iii.) Availability of sanitary materials for toilets

iv.) Requirement of rural sanitary marts or production centers

v.) Whether villages have been identified for taking up solid and liquid waste management?

vi.) What is the mechanism for maintenance of community latrines constructed? Is it adequate?

vii.) Usage of Panchayat, SSA and other funds for O&M of toilets

viii.) Documentation of best practices in the district

C: Jalmani

- Identification of schools for coverage that have quality related issues such as iron, turbidity and bacteriological problems for coverage

- Physical and financial progress under Jalmani

D. Common issues - NRDWP & TSC

1. Review of Data Uploading on IMIS
i.) Annual: Project shelf, Target habitations, toilets, School target, and Annual action plan.

ii.) Master entry of habitations.

2. Bank Account
i.) Opening of separate bank account in a nationalized Bank to receive programme funds.

3. Selection of Support Agencies
i.) Selection of agencies and/NGOs for training, IEC and community mobilization

4. Formulation of Annual IEC plans of DWSM and other departments in water and sanitation sector
i.) Is behavioural change communication being done effectively using methods like Community led Total Sanitation etc.? Is it effective in creating demand for toilets and increasing usage?

ii.) Whether linkages of safe water and sanitation with overall health of community are appropriately addressed in the IEC of the Departments incharge of water supply, sanitation and health?
5. Formulation of Annual Training Calendar by DWSM and other related Departments for (i) PRI representatives, (ii) grass root level workers like pump mechanics & masons and (iii) engineers/ technical staff.
   i.) Have training modules and communication materials been prepared for further distribution.

6. Issues relating to Health
   i.) Whether disinfection of public water bodies has been carried out, pre and post monsoon?
   ii.) Are the refills of Field Test Kits made available from untied funds of NRHM or Support funds of NRDWP?
   iii.) Matters brought up by CMO/District Health Officer

7. Issues relating to Education
   i.) Whether SSA funds are appropriately utilized for construction of sanitation blocks and their maintenance in schools, if TSC funds are not available?
   ii.) What is the mechanism for maintenance of school toilets and urinals?
   iii.) Are school cabinets/ PTAs involved for operation, maintenance and usage of school toilets?
   iv.) Whether inspection of toilet facilities in schools and community is a part of inspection by Education and Health Officers?
   v.) Whether students of high schools are involved in the use of field test kits for testing water samples?
   vi.) Matters brought up by District Education Officer.

8. Issues relating to Women and Child Development
   i.) Matters brought up by District WCD Officer

9. Issues relating to Agriculture
   i.) Whether efforts are made to convince cultivators for selection of appropriate crops in water scarce areas?
   ii.) Progress on usage of water consumption and low water use such as sprinklers and drip irrigation systems.
   iii.) Matters brought up by District Agricultural Officer
**Measurable indicators for effective functioning of VWSC**

i.) Formed as per byelaw and there is representation from all sections, including group connection holders.

ii.) Meetings are taking place at least once in a month.

iii.) Participation of members is 90-100%.

iv.) All members have good understanding of byelaw and role clarity.

v.) Hundred percent user charges collected.

vi.) User charges are paid as per the actual budget.

vii.) Water point drainage is maintained well.

viii.) Books of accounts are maintained up to date and accurately.

ix.) Good relationship between VWSC, GP and village community.

x.) 100% community contribution.

xi.) VWSC account opened in the nearest bank.

xii.) All illegal connections and pit taps closed.

xiii.) Annual OPERATION AND MAINTENANCE budget prepared, revised and understood by all the households of the village.

xiv.) Water person appointed, his/her activities monitored and salary paid regularly.

xv.) Regular payment of electricity bill.

**VWSC Agenda**

i.) Confirming at least 80% attendance in last three meetings and attendance of women

ii.) Perusal of records
   - Register of Minutes.
   - Tariff details.
   - Pump log book.
   - O&M ledger.
   - Stock register and inventory of spare parts and tool kit
   - Receipt book.

iii.) Discuss the performance regarding
   - Pump operator and other workers and review payment to their wages
   - Equitable distribution of water.
- Cleaning of water tank
- Attending water leakages
- Minor and major repairs

iv.) Rapport with villagers/ Gram Sabha.

v.) Tariff collection
   - Ensure all VWSC and GP members paying Tax
   - Households paying tax and check if being deposited in the bank in time
   - Households not paying tax-initiate action

vi.) Status and steps to ensure involvement of other departments and convergence with other development work

vii.) Maintaining transparency in information regarding expenditure, revenue and receipt of funds from various budget heads with community

viii.) No. of households having Latrines and its usage

ix.) Issues of village Sanitation i.e. no garbage points, no water stagnation around water points and ensuring that platforms are not misused for washing and bathing

x.) Status of school sanitation units and community sanitary complexes

xi.) Steps towards NGP

xii.) Cases of water borne diseases – if any

xiii.) Identification of general problems

xiv.) Support required from various levels

xv.) Suggestions for improvements

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## Formats for DWSM Reporting

<table>
<thead>
<tr>
<th>1. Targeted Habitations- 20 Point Programme Target 2010-11</th>
<th>Achievement in the month of</th>
<th>Cumulative Achievement</th>
<th>% Cumulative Achievement</th>
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<tr>
<td>1.1 0% population coverage</td>
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<td>1.2 0-25% population coverage</td>
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<td>1.3 25-50% population coverage</td>
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<td>1.4 50-75% population coverage</td>
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<tr>
<td>1.5 100 % population coverage</td>
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<tr>
<td>2. Schemes covering targeted habitations</td>
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<tr>
<td>2.1 No. of PWSS covering targeted habitations</td>
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<tr>
<td>2.1.1 Ongoing</td>
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<td>2.1.2 New</td>
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<tr>
<td>2.1.3 Total Expenditure on ongoing &amp; new PWSS</td>
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<tr>
<td>2.2 No. of hand pumps/wells covering targeted habitations</td>
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<tr>
<td>2.2.1 Ongoing</td>
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<td>2.2.2 New</td>
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<tr>
<td>2.2.3 Total Expenditure on ongoing &amp; new hand pumps/well</td>
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<tr>
<td>2.3 Other schemes covering targeted habitations</td>
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<tr>
<td>2.3.1 Ongoing</td>
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<td>2.3.2 New</td>
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<tr>
<td>2.3.3 Total Expenditure on other schemes ongoing &amp; new</td>
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<tr>
<td>2.4 Total number of schemes covering targeted habitations</td>
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<tr>
<td>2.4.1 Ongoing</td>
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<td>2.4.2 New</td>
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<tr>
<td>2.5 Expenditure in 2010-2011</td>
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<tr>
<td>3. Coverage of WQ affected habitations</td>
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<tr>
<td>Section</td>
<td>Description</td>
<td>Sub-section 1</td>
<td>Sub-section 2</td>
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<td>3.1</td>
<td>Number of Arsenic affected habitations to be covered under</td>
<td>3.1.1 Ongoing schemes</td>
<td>3.1.2 New Schemes</td>
</tr>
<tr>
<td>3.2</td>
<td>Number of Fluoride affected habitations to be covered under</td>
<td>3.2.1 Ongoing schemes</td>
<td>3.2.2 New Schemes</td>
</tr>
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<td>3.3</td>
<td>Number of Iron affected habitations to be covered under</td>
<td>3.3.1 Ongoing schemes</td>
<td>3.3.2 New Schemes</td>
</tr>
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<td>3.4</td>
<td>Number of salinity affected habitations to be covered under</td>
<td>3.4.1 Ongoing schemes</td>
<td>3.4.2 New Schemes</td>
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<td>3.5</td>
<td>Number of Nitrate affected habitations to be covered under</td>
<td>3.5.1 Ongoing schemes</td>
<td>3.5.2 New Schemes</td>
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<td>3.6</td>
<td>Expenditure on these schemes in 2010-2011</td>
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<td>4.0</td>
<td>Coverage of SC, ST and Minority dominated habitations</td>
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<tr>
<td>4.1</td>
<td>SC dominated habitations</td>
<td>4.1.1 Proposed to be covered in 2010-2011</td>
<td>4.1.2 Expenditure in 2010-2011</td>
</tr>
<tr>
<td>4.2</td>
<td>ST dominated habitations</td>
<td>4.2.1 Proposed to be covered in 2010-2011</td>
<td>4.2.2 Expenditure in 2010-2011</td>
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<tr>
<td>4.3</td>
<td>% of exp. on SC &amp; ST dominated habitations to total expenditure in 2010-2011</td>
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<tr>
<td>4.4</td>
<td>Minority dominated habitations</td>
<td>4.4.1 Proposed to be covered in 2010-2011</td>
<td>4.4.3 Expenditure in 2010-2011</td>
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<tr>
<td>5.0</td>
<td>Details of sustainability structures</td>
<td></td>
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</tbody>
</table>
### 5.1 Artificial recharge to ground water based drinking water sources

- 5.1.1 Pits and trenches
- 5.1.2 Checkdams
- 5.1.3 Percolation tanks
- 5.1.4 Conversion of defunct borewells
- 5.1.5 Dug-wells/injection/skimming wells
- 5.1.6 Others

### 5.2 Surface water harvesting

- 5.2.1 Ooranies/village ponds/traditional water bodies
- 5.3 Roof-top rain water harvesting structures

### 5.3 Geo-technical improvements

- 5.3.1 Flushing/Hydro-fracturing
- 5.3.2 Bore-blasting and others

### 5.4 Expenditure in 2010-2011

- 6. O & M Plan 2010-2011
  - 6.1 Total O&M Allocation
  - 6.2 O&M amount transferred to GPs
  - 6.3 O & M amount transferred to Block/District Panchayats
  - 6.4 O & M amount spent by PHED/Board
    - 6.4.1 Establishment expenses
    - 6.4.2 Material exp.
    - 6.4.3 Electricity charges
    - 6.4.4 Others
  - 6.5 Total amount spent by PHED/Board

### 7. Support Activities Plan 2010-11

- 7.1 Establishment expenses
- 7.2 IEC Activities
  - 7.2.1 Song & drama activities
  - 7.2.2 Wall writing
  - 7.2.3 Street Plays
  - 7.2.4 Melas organised
  - 7.2.5 Hoardings and banners
### 7.2.6 Picture frames

### 7.2.7 Group meetings

### 7.2.8 Street Play

### 7.2.8 Participatory Rural Appraisal

### 7.2.9 Exhibition

### 7.2.10 Radio Spots

### 7.2.11 TV Spots

### 7.2.12 Audio visual publicity

### 7.2.13 Gingles

### 7.2.14 School Rally

### 7.2.15 Awareness cum inaugural workshop

### 7.2.16 Inter-personal communication

### 7.2.17 Distribution of IEC materials

#### 7.3 Community Involvement in NRDWP Action Plan 2010-2011

1. **7.3.1 No. of VWSCs functioning in the targeted habitations**
2. **7.3.2 No. of Gram Sabhas proposed to be held in targeted habitations**
3. **7.3.3 No. of VWSCS members to be trained in planning, monitoring & managing PWSS**
4. **7.3.4 No. of PRI members to be trained in planning, monitoring & managing PWSS**
5. **7.3.5 Expenditure on these activities in 2010-11**

#### 7.4 Training programmes

1. **7.4.1 No. of engineers given training in the year**
2. **7.4.1 No. of grassroot workers like masons, pump mechanics given training in the year**

#### 7.5 Water Quality Monitoring Plan 2010-11

1. **7.5.1 Total No. of drinking water sources**
2. **7.5.2 No. of grassroot level workers to be trained**
3. **7.5.3 No. of water samples to be tested with FTKs**
4. **7.5.4 No. of water samples to be tested in labs**

#### 7.6 Water Quality testing laboratories
| 7.6.1 Upgradation of existing labs |
| 7.6.2 New labs to be set up |
| 7.6.3 No. of FTKs to be distributed in the year |
| 7.6.4 Expenditure in 2010-11 |

**7.7 MIS Activities**

| 7.7.1 Sub-divisional level computerisation |
| 7.7.2 Computerisation of Labs |
| 7.7.3 Others |

**7.8 R & D Projects**

**7.9 Others**

### 8. Waste Water Management Plan 2010-2011

| 8.1 No. of PWSS where low cost Waste Water Management is proposed under MGNREGS/ TSC/ Other schemes to manage waste water in habitations to be covered by PWSS |
| 8.2 Total cost and source of funds |
| 8.2.1 MNRREGS |
| 8.2.2 TSC |
| 8.2.3 Others |

### 9. Schools Plan 2010-2011

| 9.1 No. of Govt. schools to be provided with water supply |
| 9.1 No. of Govt. schools to be provided with arrangements for hand-washing |
| 9.2 No. of Govt. schools to be provided with Jalmani units |
| 9.3 Total Cost |
| 9.4 No. of Anganwadis to be provided with water supply |

### 10. Functionality of Drinking Water Systems

| 10.1 No. of Complaints of non functional water supply received |
| 10.2 No. of complaints addressed |

### 11. Electricity supply
<table>
<thead>
<tr>
<th>11.1 No. of drinking water schemes depending on electricity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.2 No. of drinking water schemes non-functional due to lack of electricity supply</td>
</tr>
<tr>
<td>11.3 No. of schemes provided electricity connection</td>
</tr>
<tr>
<td>11.4 Contingency measures in case of electricity supply failure</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>12. TSC &amp; NGP</th>
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<tbody>
<tr>
<td>12.1 Construction of toilets/sanitary complexes</td>
</tr>
<tr>
<td>12.1.1 Individual Household Latrines-APL</td>
</tr>
<tr>
<td>12.1.1 Individual Household Latrines-BPL</td>
</tr>
<tr>
<td>12.1.3 Toilets in schools</td>
</tr>
<tr>
<td>12.1.4 Baby friendly toilets in Anganwadis</td>
</tr>
<tr>
<td>12.1.5 Community sanitary Complexes</td>
</tr>
<tr>
<td>12.1.6 No. of Community sanitary Complexes inspected</td>
</tr>
<tr>
<td>12.1.7 No. of CSComplexes non-functional</td>
</tr>
<tr>
<td>12.1.7 No. of non-functional CSComplexes repaired</td>
</tr>
<tr>
<td>12.2 No. of functional school toilets</td>
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<tr>
<td>12.3 No. of non-functional school toilets</td>
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<tr>
<td>12.4 Coverage of SC households</td>
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<tr>
<td>12.5 Coverage of ST households</td>
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<tr>
<td>12.6 Coverage of minority households</td>
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</tbody>
</table>

**Financial Progress of Programmes**

<table>
<thead>
<tr>
<th>13 NRDWP - Financial Progress</th>
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</thead>
<tbody>
<tr>
<td>13.1 Opening Balance at beginning of year</td>
</tr>
<tr>
<td>13.2 Funds received in current year</td>
</tr>
<tr>
<td>13.3 Total Funds available</td>
</tr>
<tr>
<td>13.4 Total Expenditure</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Jalmani - Financial Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 Opening Balance at beginning of year</td>
</tr>
<tr>
<td>14.2 Funds received in current year</td>
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<tr>
<td>14.3 Total Funds available</td>
</tr>
</tbody>
</table>
14.4 Total Expenditure

15. **TSC - Financial Progress**

15.1 Opening Balance at beginning of year

15.2 Funds received in current year

15.3 Total Funds available

15.4 Total Expenditure

Additional information to be provided on the following items by:

1. School Education Department

   1.1 No. of Govt. schools to be provided with water supply

   1.2 No. of Govt. schools to be provided with arrangements for hand-washing

   1.3 No. of Govt. schools to be provided with Jalmani units

1.4 IEC Activities

   1.4.1 Song & drama activities

   1.4.2 Wall writing

   1.4.3 Street Plays

   1.4.4 Melas organised

   1.4.5 Hoardings and banners

   1.4.6 Picture frames

   1.4.7 Group meetings

   1.4.8 Street Play

   1.4.9 Participatory Rural Appraisal

   1.4.10 Exhibition

   1.4.11 Radio Spots

   1.4.12 TV Spots

   1.4.13 Audio visual publicity

   1.4.14 Gingles

   1.4.15 School Rally

   1.4.16 Awareness cum inaugural workshop

   1.4.17 Inter-personal communication

   1.4.18 Distribution of IEC materials

1.5 TSC & NGP

1.5.1 Toilets in Schools

1.5.2 No. of functional school toilets

1.5.3 No. of non-functional school toilets
<table>
<thead>
<tr>
<th>1.5.4 No. of non-functional school toilets repaired</th>
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<tr>
<td>2. Women &amp; Child Development Department</td>
</tr>
<tr>
<td>2.1 No. of Anganwadis without water supply</td>
</tr>
<tr>
<td>2.2 No. of Anganwadis without baby friendly toilets</td>
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<tr>
<td>3. Department of Rural Development</td>
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<tr>
<td>3.1 Artificial recharge to ground water based drinking water sources</td>
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