To

The Chairman and Chief Executive Officer (CEO),
SLNA for WDC-PMKSY in States,
(Gujarat, Maharashtra & Rajasthan)

Subject: Minutes of the Regional Review Meeting of States of Western Region regarding Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 17th & 18th December, 2019 at Udaipur - reg.

Sir / Madam,

I am directed to forward herewith a copy of the minutes of the Regional Review Meeting of WDC-PMKSY for the States of Western Region (Gujarat, Maharashtra & Rajasthan) held on 17th & 18th December, 2019 at Udaipur, Rajasthan under the Chairmanship of Additional Secretary, Department of Land Resources, for information and necessary action.

Yours faithfully,

(Dr. C. P. Reddy)
Scientist (TE)

Copy to:
(i) Sr. PPS to Joint Secretary (WM), Department of Land Resources, New Delhi.
(ii) Director (WM) / DS(IFD), Department of Land Resources, New Delhi.
(iii) Group Director, PPEG & Head, Rural Development and Watershed Monitoring Division, NRSC, Hyderabad.
(iv) Sr. Technical Director (NIC – for WDC-PMKSY), CGO Complex, New Delhi – with a request to make arrangement for uploading of the same in the website of the Department.

Copy for kind information:
(i) Sr. PPS to Secretary, Department of Land Resources, New Delhi.
(ii) PS to Additional Secretary & Financial Adviser, Ministry of Rural Development, New Delhi.
(iii) PS to Additional Secretary, Department of Land Resources, New Delhi.
Minutes of the Regional Review Meeting of States of Western Region regarding Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 17th & 18th December at Udaipur.

The regional review meeting of States of Western Region comprising of Gujarat, Maharashtra and Rajasthan regarding Watershed Development Component Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), was held on 17th & 18th at Udaipur, Rajasthan under the Chairmanship of Additional Secretary, Department of Land Resources (DoLR), GOI. The Chief Executive Officer and other Officials of States (Gujarat, Maharashtra and Rajasthan), Programme Officers from DoLR and Scientist from National Remote Sensing Centre, Hyderabad participated in the regional review meeting. The list of participants is at Annexure-I.

2. At the outset, CEO, SLNA, Government of Rajasthan welcomed the Additional Secretary& Financial Adviser, Additional Secretary (LR) and all other officers of DoLR, CEO, SLNA and officers from Gujarat, Maharashtra, Rajasthan and NRSC. Further he acknowledged the opportunity given by DoLR, GoI to host the Regional Review Meeting at Udaipur, Rajasthan. He requested DoLR to continue the central financial assistance for watershed development program in Rajasthan as there is 130 lakh hectares still to be covered under watershed development as per the state perspective plan.
3. Additional Secretary, DoLR in his key note address highlighted the importance of watershed development programme for the Western Region States as they own one third of country's rainfed and degraded areas including wastelands and therefore considerably large number of watershed projects have been sanctioned to them. He emphasised that the States should focus on effective utilisation of available funds and completion of ongoing projects within the scheduled project period. He also expressed concerns about huge unspent balance lying with States of Gujarat and Maharashtra and directed them to follow a detailed laidout plan of utilisation of available funds in the remaining period of current financial year. He suggested to have a close monitoring of all district level officials to accomplish the task. Additional Secretary, DoLR appreciated the development model of Piplantri watershed of Distt. Rajasmand, visited on 17th December. He further underscored the importance of convergence of similar Central and State schemes in watershed projects and observed that there is need for further improvement in animal husbandry and pisciculture activities. He also appreciated for publication of a booklet on “PMKSY (Watershed Component) Turning Barrens to Greens” and its circulation in the meeting by SLNA, Rajasthan. This booklet is very informative about various achievements of WDC-PMKSY in Rajasthan including conversion of wastelands into productive lands. He suggested to other participant States to document the success stories and impacts of watershed management on similar lines.

4. Joint Secretary (WM), DoLR presented a review on progress of all States and emphasized importance of holding SLSC meeting on time preferably in the month of February every year. This will enable the DoLR to release 1st installment in April itself. He
also emphasized on effective utilization of unspent balance available with States, timely completion of projects, expediting submission of End-line evaluation reports of completed projects, timely submission of physical and financial progress reports, updation of IWMP-MIS and effective implementation of Srishti and Drishti. JS(WM) suggested that at least 200-250 geo-tagging per project should be ensured. He informed that DoLR is making all efforts at GOI level for continuation of the programme beyond March, 2020. He further requested the States to complete all Batch-III & Batch IV projects before March 2020 which will give the DoLR justified ground to prepare a convincing proposal for continuation of the programme. States were requested to expedite to submit their release proposals at the earliest. He also emphasized on implementation of PFMS at all levels and convergence of activities with other schemes to fetch a better result in the project area.

5. The Agenda for the Regional Review Meeting of States of Western Region Regarding WDC-PMKSY was as follows:

(i) Reviews of Performance of WDC-PMKSY Projects
(ii) Utilization of Unspent Balance and Annual Action Plan FY2019-20
(iii) Status on completion of Batch-I, II & III projects and submission of End-line evaluation reports of completed projects
(iv) Projects likely to be completed during FY2019-20, especially in Quarter IV
(v) Implementation of Srishti & Drishti
(vi) Status of PFMS in financial transactions under WDC projects.
(vii) Extent of expenditure in WDC projects through convergence
(viii) Action Plan for completion of the projects within the stipulated time frame and year-wise funds requirements during the remaining period of the operation of project
(ix) Presentation by States on Success Stories / Innovation/ Best Practices under WDC-PMKSY

6. Based on above agenda, JS (WM) made a brief presentation of WDC-PMKSY in Western Region States. Highlights are as follows:

i. Out of the total sanctioned projects of 8214 covering an area of 39.07 million ha in the country, Western Region States consist of 2821 projects covering an area of 13.99 million ha which is 34% of the total sanctioned projects and area.

ii. Out of 2821 total sanctioned projects in Western Region, 1261 projects have been completed, 936 projects are in work phase, 130 projects are in consolidation phase
and 488 projects have been transferred to States which were uninitiatied or were in preparatory phase

iii. States requested to resume Central Assistance in all 488 projects which have been transferred to States. In this regard, it was advised to complete the transferred projects from the States own resources or through convergence. Gujarat has informed that State Govt. has already approved the proposal of SLNA for providing financial support to transferred projects from MGNREGA.

iv. In this regard, JS (WM) informed that appropriate action would be taken after due deliberations at Government of India level.

v. Total unspent balance of Rs. 644.62 Crore lies with the Western Region States. All the States were instructed to utilize the unspent balance. It was informed that due to huge unspent balance available with Gujarat and Maharashtra they were not considered eligible for the first installment of Central share.

vi. The States were advised to conduct SLSC meetings preferably in the month of January/ February every year which will facilitate timely release of funds from GoI.

vii. It was shared with all the states that out of 1862 projects of batch-I, II and III, 1267 projects have been reported completed and 417 end line evaluation reports have been submitted to GoI. States were requested to expedite completion of end-line evaluation of completed projects in a time bound manner preferably within 3 months of completion of projects.

viii. It was presented that only two projects of Rajasthan have been reported as completed out of 896 projects sanctioned in all three States under batches III and IV. All the States were directed to make efforts to complete remaining 894 projects by March 2020. A close monitoring preferably on weekly basis was suggested and regular VC with the District Level Officers was advised.

ix. Rajasthan State was appreciated for submitting all 372 completion reports and also end-line evaluation reports of projects of Batch-I and II and requested other two States complete end-line evaluation.

x. In context to uploading of photographs of works on Srishti portal, it was presented that Gujarat has geo-tagged on an average 260 photos per project, Maharashtra 153 and Rajasthan 120. States were directed to ensure geo-tagging of all physical activities.

xi. All the States were instructed to implement PFMS up to the lowest possible level
xii. Rajasthan was appreciated for the methodology and quantum of convergence. All the States were instructed to make all the efforts for convergence of activities with other relevant Central and State Schemes.

xiii. IWMP-MIS data at all levels is not being updated regularly. Hence neither year wise financial achievements nor physical achievements reported in MIS are matching with the UCs submitted to DoLR. All the States were directed for MIS data updation on priority. SLNAs should invariably certify and inform DoLR that the data are up to date in IWMP-MIS for completed projects so that it can be shown as completed in MIS.

xiv. All the SLNAs were requested to provide print and electronic copies of all the documentation of best practices, success stories, impacts of WDC-PMKSY to DoLR.

7. Additional Secretary and Financial Advisor, DoLR made a presentation on present status of PFMS implementation in Western Region States and explained various advantages of proper implementation of PFMS. A copy of the PPT made by AS & FA is enclosed as Annexure III. Highlights are as follows:

i. It was informed that for Transparency as per GFR- Rule 232 (v), the release of funds to State Governments and monitoring of further utilization should be undertaken through PFMS.

ii. AS & FA advised that State share budget is to be created from State in PFMS.

iii. States were advised that a single nodal account should be maintained at each level from SLNA to WC level rather than maintaining number of accounts for the scheme and no fund of other schemes/sources be deposited in it.

iv. Advised the States that rather than transferring funds to different agencies, authorization for expenditure shall be given to them.

v. States were advised that Security Deposits should not be deposited in project account.

vi. Expenditure is required to be reconciled at regular intervals.

vii. States were asked to weed out superfluous agency(ies) already registered if any by December 2019. States should also ensure that all Institutes / Agencies which are now implementing should be registered.

viii. It was also directed to register and map all the agencies.

ix. All the States were instructed to appoint a nodal officer for PFMS at SLNA level by issuing an office order immediately and inform name and phone number of the PFMS nodal officer to DoLR.
x. A D.O letter from Secretary, DoLR to Chief Secretary of all States about efficient implementation of PFMS by addressing concerned issues should be issued.

Additional CEO, Maharashtra raised the issue of violation of guidelines on transferring funds directly to beneficiary/agency without routing through watershed committee. On this issue, it was clarified that PFMS is a tool for transparency and smooth flow of funds which is as per the guiding principles envisaged in common guidelines.

8. Representative of National Remote Sensing Centre (NRSC) made a presentation on implementation of Srishti and Drishti in Western Region States explained various issue related to its implementation. Highlights of Presentation by NRSC Hyderabad are as below:

   i. Scientist from NRSC informed that for quality uploads, moderation of photos uploaded be ensured by SLNAs and field functionaries be sensitized for capture of good quality photos and duplicate uploading of the same work be avoided.
   ii. All the physical works need to be uploaded on Bhuvan for which monthly targets be fixed for districts.
   iii. NRSC scientist presented impacts of watershed works of all the three States through pre and post imageries of Geo-tagged works of WDC-PMKSY. All the analyzed works revealed positive change in land use land cover.

9. The states presented the agenda with desired information and suggestions. The salient features of presentation and decisions arrived at in respect of each State are summarized as below:

Rajasthan:

(i) Out of 1025 projects sanctioned by DoLR during 2009-10 to 2014-15, 205 projects have been transferred to State. From the balance 820 projects, 375 projects have been completed. The State requested to reconsider 205 projects for central assistance instead of State funds as currently these projects are on hold because state has not given funds to complete these projects.

(ii) Unspent balance on 1st December 2019 in Rajasthan is Rs. 204.15 Crore which includes first installment of central assistance of Rs.119.43 Crores released in 2019-20. State was advised to expedite utilization of available funds and submit proposal for release of 2nd installment to DoLR in 1st week of January,2020.
(iii) Rajasthan has submitted completion reports of Batch -1 and 2 projects and two projects reports of batch-3 and no end-line evaluation report Batch-I & II is pending.

(iv) It was assured that batch-III and IV projects would be completed by March,2020.

(v) SLNA Rajasthan ensured that PFMS would be implemented till lowest level from January-2020.

(vi) Rajasthan has reported convergence of Rs.1507.34 Crore from 2016-17 to 2018-19. However, in convergence, it was advised to focus on animal husbandry & pisciculture activities also.

(vii) The major concern expressed by State was that 130 Lakh hectare still require treatment and needs next generation watershed projects in the light of SDG commitment and climate change etc.

(viii) As a best practice in the State, a presentation was mad on the convergence model adopted in State and use of GIS technologies in planning and monitoring of works. The analysis of each geo-tagged work for its technical feasibility and economic viability and to check maximum coverage of project area for saturation using google earth is unique and first of its kind in the country.

(ix) The online public domain GIS monitoring system on “Rajdhara” GIS portal was demonstrated. This effort of State was appreciated. The State also shared the impacts of watershed interventions on ground water recharge, increase in area under cultivation, increased green cover. Few changes in land use and land cover were shown on imageries.

**Maharashtra:**

(i) Out of 1186 projects sanctioned by DoLR during 2009-10 to 2014-15, 162 projects have been transferred to State. From the balance 1024 projects, 598 projects have been completed.

(ii) It was reported that Rs.299.51 Crore is available as unspent balance as on 30th November 2019. It was also informed that SLSC meeting held on 22/5/2019 and approved AAP of Rs 490.38 Crore. However, State was not eligible to claim 1st installment as unspent amount in the State as on 1.4.2019 was Rs.412 crore. During last eight months, State has utilized only Rs.112.49 crore @ Rs.14.06 crore inspite of having huge number of ongoing projects. The reasons stated by the State representative were not at all convincing and opined that with the current pace of expenditure, State may not be able to utilize available unspent balance. It was also brought to the notice of State representatives that the expenditure level
has been reduced significantly during last four years and the lowest expenditure reported during current financial year. Therefore, State was asked to take stock of the situation and prepare a detailed plan to utilize available and allocated funds for timely completion of Batch III & IV projects. It was also suggested to State to review progress at frequent intervals with concerned district level officers through VC, divisional level review meeting and field visits. After achieving substantial progress in expenditure, State may submit proposal for release of 1st installment of central funds.

(iii) Maharashtra has submitted completion reports of 598 Batch -1 and 2 projects. State assured that pending end-line evaluation reports of Batch I (206 projects) will be submitted by January 2020 and Batch II (347 projects) will be submitted in March 2020. In respect of Batch III (212 projects) end-line evaluation reports will be submitted in May 2020 and Batch IV projects (206 projects) will be submitted by August 2020.

(iv) It was also assured that Batch-III (212 projects) and IV (113 Projects) projects would be completed by March, 2020. However, State was advised to complete the activities by optimum utilization of available & current year allocated fund along with convergence with relevant schemes and submit the completion reports.

(v) PFMS has been implemented at all levels of functionaries. However, AS & FA directed to check the number of accounts registered and number of accounts actually operated now. State share budget is to be created from State in PFMS.

(vi) State has reported convergence of Rs. 1162 Crore from 2016-17 to 2018-19. However, in convergence, it was advised to focus on animal husbandry & pisciculture activities also.

(vii) SLNA Maharashtra informed that WDC-PMKSY has been converged with Jal Yukt Shivar Abhiyan (JSA) Scheme of State Government. Geo-portal has been developed and marking of all NRM activities in JSA villages to avoid duplication of works.

**Gujarat:**

(i) Out of 610 projects sanctioned by DoLR during 2009-10 to 2014-15, 121 projects have been transferred to State. From the balance 489 projects, 292 projects have been completed. It was informed that State Government considered the proposal of SLNA for funding all 121 transferred projects and also provided Rs.103 crore for implementation. It was suggested to other States to follow the Gujarat and complete the transferred projects either with State fund or through convergency.
(ii) It was reported that Rs.140.96 crore is available as unspent balance as on 30th November 2019. It was also informed that SLSC meeting held on 27/5/2019 and approved AAP of Rs 241.42 Cr. for Batch-IV projects. However, State was not eligible to claim 1st installment as unspent as on 1.4.2019 was more than their approved AAP for 2019-20. Therefore, State was asked to revise AAP 2019-20 in the light of extension of project period of Batch III projects immediately and furnish to DoLR.

(iii) Batch-IV project works as per Annual Action Plan are in progress.

(iv) 151 projects of Batch-I (2009-10) and 141 projects of Batch-II (2010-11) were completed. However, end-line evaluation these 292 projects (Batch-I and Batch-II) is yet to be taken up by the State. For the last one year, State has been promising to complete evaluation but not adhering to their promise. This was viewed as serious matter by the Chairman and directed CEO, Gujarat to take all necessary measures and ensure that end-line evaluation reports of Batch I & II projects are furnished to DoLR by March 2020.

(v) CEO, SLNA informed that State Government has recently agreed to provide funds for implementation of transferred Batch-V and Batch-VI projects.

(vi) Total 197 projects of Batch-III and IV will be completed by March 2020.

(vii) All payments in the State are through PFMS and maintained upto village Watershed Committee level. However, AS & FA advised that State share budget is to be created from State in PFMS. State was also asked to check the number of accounts registered and number of accounts actually operated now.

(viii) **Convergence with MGNREGA**: River Rejuvenation an ambitious work has been undertaken up by GSWMA, Rural Development Department under MGNREGs to rejuvenate identified rivers/tributaries. Works in Phase-I and Phase II (2019-20) have been started on all sites along with other works in PMKSY-watershed villages and amount of Rs 12.35 Crore has been spent under MGNREGA as on 30/11/19 generating 5.35 lakh person days.

(ix) The state presented Success Story of Khatia Village of IWMP-I in Kutch district. In the project area, 271TCM of surface water has increased. 351 hectare brought under irrigation, 14 hectare tree cover increased. On an average an increase in income of Rs. 26,870 per household was reported and migration period was reduced.

(x) The State was asked to check and clarify the fund mis-match in PFMS and releases by DoLR.
10. In concluding remarks, JS (WM) thanked all the SLNAs for their participation. He stressed the need for timely submission of AAP and fund release proposal and completion of the ongoing projects. JS (WM) advised the State to utilize the unspent balance available with them, to become eligible for more release of Central funds during 2019-20. Further, the State should try to complete the ongoing projects well in time. Also requested States to ensure submission of End Line Evaluation Reports preferably within 3 months of completion of projects. End Line Evaluation Report should incorporate ground water table, increase in agriculture production, milk production, reduction of migration, reduction in wasteland, increase in employment generation etc. in each project report. The States were requested to furnish the Quarterly/ monthly progress report on the Output-outcome six indicators timely. JS (WM) has also advised State to reconcile and submit the quarterly/ monthly physical achievements data in six indicators format. He also requested the States to maximize convergence with other schemes for completion of projects. State should ensure to implement PFMS at all levels by addressing issues presented by AS & FA and also develop small documentary films (5-15 minutes) on success stories and submit to DoLR for record and dissemination to other States/ Districts. Further, States were asked to submit all pending UCs/ reports in respect of pre-IWMP projects immediately to DoLR.

11. A detailed report of Field Visit undertaken during the Regional Review Meeting of the Western Region to the projects sites of WDC-PMKSY and Piplantri Model Watershed in Rajsamand District on 17.12.2019 is at Annexure-II.

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List of Participants in the Regional Review Meeting of States of Western Region Regarding Watershed Development Component Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 18th December 2019 at Udaipur, Rajasthan.

Department of Land Resources:
1. Shri Sanjeev Kumar, Additional Secretary & Financial Advisor
2. Shri Satyabrata Sahu, Additional Secretary
3. Shri Umakant, Joint Secretary (WM)
4. Dr. C. P. Reddy, Scientist (TE).
5. Shri Vivekanand, Deputy Controller of Accounts, MoRD, DoLR, GoI
6. Shri Pradeep Kumar, Technical Officer (WM), DoLR, GoI

National Remote Sensing Centre, Hyderabad:
7. Shri Dr. Gerish Pujar, Scientist (SS), NRSC, Hyderabad.

Gujarat:
8. Shri N.S. Yadav, CEO, SLNA, Addl PCCF, SLNA, Gujarat.
10. Dr. Hemant Vesekar, Addl. CEO, SLNA Maharashtra
11. Shri Dhyaneshwar Bote, Joint. CEO, SLNA
12. Dr. Pritam Wanjari, GIS Expert, SLNA
13. Er. Tausif Shaikh, MIS Expert SLNA

Rajasthan:
14. Shri Sunil Sharma, Joint Secretary, Panchayatiraj Department, Rajasthan
15. Shri Qummer Chaudhary, CEO, ZP, Udaipur
16. Shri S.R Banjara, Additional Director, SLNA.
17. Shri Ratan Lal Verma, Financial Advisor (Watershed) SLNA
18. Smt. Sushila Yadav, Joint Director (PFC) SLNA Rajasthan
19. Shri Rajendra Choudhary, Joint Director (IWMP), SLNA.
20. Shri C.M Tejawat, Joint Director MJSA, SLNA.
21. Shri Arun Sharma, Joint Director, Training, SLNA.
22. Shri Somendra Sharma, Joint Director, Livelihood, SLNA.
23. Shri B.L Verma, Deputy Director, IWMP SLNA
24. Shri Ravi Kant, AEN, IWMP SLNA
25. Shri R.K Agarwal, PM cum SE, WCDC.

Andhra Pradesh (only for field visit to Piplantari):
26. Shri N. Polappa, Joint Commissioner (WS), SLNA
27. Smt. G. Bharathi, STE (PSI) SLNA
28. Shri K. Ramanachari PM (I&CB), SLNA
29. Shri M. C. Maddileti, Addl. PD (WS), Kadapa, SLNA
30. Shri S. V. N. Raja Mouli ATE (NRM), SLNA

**Odisha (only for field visit to Piplantari)**
31. Shri B. S. Kalo, PD W/S, SLNA
32. Shri. B. B. Panda, D.D. Soil Conservation, SLNA
33. Shri. S. K. Mallick PD W/SSLNA

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Field Visit Report undertaken during the Regional Review Meeting of the Western Region to the projects sites of WDC-PMKSY and Piplantri Model Watershed in Rajsamand District on 17.12.2019

On 17th December, 2019, the Central Government Team headed by Additional Secretary, Sh. Satyabrata Sahu, with Sh. Sanjeev Kumar, Additional Secretary & Financial Advisor, Sh. Umakant, Joint Secretary (WM) and Dr. C. P. Reddy, Scientist (TE), DoLR, New Delhi along with District Collector Sh. Arvind Kumar Poswal, CEO-Zila Parishad Smt. Nimisha Gupta, Sh. Sushil Kumar, SDM (Rajsamand), Dr. Dinesh Kumar Sapela (ACEO-Zila Parishad), Sh. Vinod Rai-ACF, Sh. Sandeep Jain, Jr. Hydrologist-GWD, Sh. Saurabh, PRO-Rajsamand, Dr. Ghanshyam Mordiya, DD-Vet, Sh. Hitesh Choubisa, DPL Rajeevika, Sh. Ashok Sain, Asst Project Manager-Rajeevika, Sh. Anil Kr. Kheenchi-AE (PWD), Sh. Ranjit Singh Jaudan, Chief Planning Officer (Rajsamand) and 25 others officials from Gujarat, Maharatsthra, Odisha, Andhra Pradesh and Rajasthan visited Rajsamand District watershed development works carried out under WDC-PMKSY / erstwhile IWMP.

The district officers briefed the team about programme implementation in the district. General topography of the Rajsamand is highly undulating; most of rains in the Rajsamand occurs during July to September with average annual rainfall of 550 mm. Due to undulating terrain, most of the rainwater received drained away in the form of heavy runoff, resulting into low agricultural production. The main occupation of the villagers is working labour in the marble mines and urban area. WDC-PMKSY / IWMP project was launched in 2009-10 with the objectives of improving agricultural productivity and water availability both surface & ground water. The details of area taken up for development under IWDP / WDC-PMKSY projects in the district are as below:

- Total area taken under scheme: 64,047 Ha.
- Area treated: 33625 Ha.
- Financial Outlay: 8000.16 Lakh
- Amount received: 4692.72 Lakh
- Financial Achievement: 4686.71 Lakh
The Central Team visited a pasture development work undertaken as part of IWMP VII project having an area of 15 ha. in Govalia Madri village (Latitude 25.087263N and longitude 73.81877E) of Mundol Garam Panchayat. At the site, project officer briefed the team about details of IWMP project activities. IWMP VII project (period 2010-11 to 2018-19) in Rajsamand was executed in 5070 ha. Out of this 15 ha. area of Govalia Madri village was completely degraded barren hill with less or no vegetative cover. Rains received during monsoon use to drain away and water table was very low. Looking to the severity of issue, pasture development work was undertaken with the consent of local community for adequate soil and moisture conservation and plantation work. Details of activities / works carried out were explained as below:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Details of Activity</th>
<th>Physical</th>
<th>Financial (Rs in Lakh)</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Boundary wall with available stone (in Meters)</td>
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<td>4.40</td>
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<td>2.</td>
<td>Loose Stone Check Dams (LSCD) work (in No.s)</td>
<td>10</td>
<td>0.40</td>
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<tr>
<td>3.</td>
<td>Water Harvesting Structures (in No.s)</td>
<td>3</td>
<td>11.83</td>
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<td>4.</td>
<td>Earthen Embankments (Nadi/ Mini Percolation Tank (MPT)</td>
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<td>0.74</td>
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<tr>
<td>5.</td>
<td>Staggered Contour tranches (No.s)</td>
<td>700</td>
<td>0.41</td>
</tr>
<tr>
<td>6.</td>
<td>Plantation (in No.s)</td>
<td>6060</td>
<td>0.89</td>
</tr>
</tbody>
</table>

**Planting Details of Flora:** Neem (2350 plants), Karanj (1550), Blackberry (300), Baniyan Tree (100), Mulberry (100), Peepal (200), Tamarind (100), Guava (300), Bamboo (300), Kachnar (100) and Others (660).

During interaction with villagers, team gathered information regarding year of pasture development, local flora and fauna, water conservation and water harvesting structures constructed inside the pasture. Shri Kishan Paliwal, Chairman, Watershed Committee explained the journey of development and present situation of the area. He also showed the live demonstration of barren hills out-side the pasture, also requested for increase in per ha. cost for development and also to provide financial assistance to protect pasture by constructing a pucca boundary wall as the demand of members of the committee and villagers. In this regard,
Additional Secretary, DoLR enquired possibility of providing financial assistance with District Collector Sh. Arvind Poswal who was present at the site and advised him to provide financial assistance for watershed development works from District Mineral Foundation (DMF) and other such schemes within the scope of the prevailing Guidelines. Additional Secretary also advised CEO, ZP, Rajsamand to provide the fund for approach road from main road to pasture site under MGNREGS or any other prevailing scheme. Additional Secretary, DoLR also addressed villagers and requested all other beneficiaries to replicate the model.

During the discussion at the site Sh. N.S Yadav, CEO-SLNA, Gujrat advised the officials / community not to disturb more soil at upper reaches as it will increase soil erosion and effect pasture establishment. Sh. Rajendra Prasad, JD (IWMP) explained the requirement and technical feasibility of the soil and water conservation measures taken up in the area. Sh. Arun Surana, JD (Training) also explained each activity taken up in the area at length.

After Mundol visit, team proceeded to Piplantri Village which was situated 13 km away from Rajsamand district headquarters. All Villagers, officials of Panchayti Raj Institution and Sh. Shyam Sunder Paliwal, Social Worker and Environmentalist welcomed the team and explained about the journey of Piplantri Model Watershed.
It was explained that the Piplantri watershed is characterized by hilly undulating area leading to high soil erosion, low productivity of resources, prevalence of wide spread poverty, lack of irrigation, lack of fuel and fodder. Area is exploited with mining activities as well illegal encroachment of government land and watershed. Vegetative cover is almost demolished and site is full of slurry and garbage.

Panchayat Raj Institution with the help of watershed development department outlined the project in national watershed development programme for rainfed area in 2005 through PRA to make it self-sufficient model village with sustainable technology. Wide spread soil and moisture conservation practices were proposed in 805 ha. of area with financial out lay of Rs. 39 Lakhs. Mainly pasture development works taken in 98 ha. land with drainage line treatment with low cost loose stone check dams. Diversification of agriculture production system was implemented with the help of self-help groups and users groups. This project was implemented from 2005 to 2009.

It was also explained that the convergence in the project was made under scheme Din Dayal Upadhyay to enhance the solar light and Pipe line in the village. Local corporate and business man also gave assistance to this project under CSR.

Further, the visiting team was informed that plantation of tree, save girl child also promoted by Panchayati Raj Institution, Watershed Committee and NGO with the help of planting 111 no. of trees when girl child born in village. Raksha Bandhan festival is now celebrating with tying of Rakhi to trees. This lead to drastic environmental and social changes in the community. Piplantri Model Watershed has become famous in Rajasthan and also at national level also.

4
Remaining area of Piplantri Gram Panchayat i.e 1025 ha. was sanctioned as IWMP-IX project in Batch-III in 2011-2012 with a financial outlay of Rs. 123 Lakh for development. Watershed management programme was started with Entry Point Activities (EPA) such as solar light, pipe line, shamshan work on the demand of villagers. A total sum of Rs. 3.12 lakh expenditure was incurred under EPA. NRM works consist of 6 No. of Continuous Contour Trenches (CCT), 30 ha. field bunding, 5 No. of Mini Percolation Tanks, 4 No. of Pakka Check Dams, 1 no. of Renovation of Water Harvesting Structure (WHS) and 3 No. of Pasture Development works were executed upto 2018. Revised DPR has been sanctioned by SLNA in Oct. 2019. Currently, plantation of 3300 bamboo sapling with the help of semi-circular stone thanvla is done. 4 No. of Pakka check dam and Puerto Ricco Terrace (PRT) in 100 ha. was proposed and under process in Bhudan village.

Then, team reached the Piplantri kalan and visited Pasture and bamboo plantation developed under IWMP. Team appreciated the work carried out under this project. Sh. NS Yadav, CEO, SLNA, Gujrat also explained the utility and suitableness of stone Dykes / PRT Constructed in the project. Team members also planted mango tree in the project area. Team also visited Watershed Management training centre and looked at the facilities available in the centre.
Additional Secretary, Financial Advisor and Joint Secretary, DoLR, GoI also interacted with the trainee participants. Additional Secretary, DoLR also suggested to Joint Secretary (WM) to nominate officers from other states for training in the centre for training and learning of Piplantri model. Rajsamand watershed officials raised the demand of some infrastructure facilities for centre, Joint Secretary advised to prepare proposal and send to State Government for appropriate action.

Team also interacted with self help groups of Rajsamand district also visited the products prepared by them and asked the mechanism of raw material purchasing, record keeping and marketing of the product, also asked question about federation and other institutional arrangements for SHGs.

The team also visited aloevera juice extraction unit established in the Piplantri Watershed and interacted with the people working in the unit.

A short film on the success of Rajsamand district under watershed development Programme was also shown. Additional Secretary, DoLR, GoI addressed the officials, Villagers and other dignitaries, advised all to replicate the works carried out in Mundol and piplantri. He
also stressed to take participation of villagers and convergence of all schemes for watershed development works.

Thereafter, the Team visited horticulture plantation work on individual farmers’ land (Sh. Kishan Lal Jat) at Dhilli village of Banediya Gram panchayat (Latitude 24.927580N and Longitude 74.0169444E), block Railmagra in post lunch session. Sh. Kishan Lal Jat explained the team that the orchard was developed under IWMP-IV (period 2010-11 to 2018-19) watershed. Initially, 350 Amla (Phyllanthus emblica variety chakkya) plants were given to farmer in IWMP Scheme and other activity like digging of pits, planting of tree, manuring, watering and Watch & ward was carried out by farmer himself.

Later on the farmer taken plants from horticulture department and today he has planted Amla plants in 7 ha. He informed that IWMP scheme encouraged him for taking up horticulture plantation. Sh. Kishan Lal Jat informed that the income started in year 2015 was Rs.1.6 Lakh,
then it increased in year 2017 (Rs. 6.00 Lakh.), in year 2018 (Rs. 31.00 lakh.), in year 2019 (Rs. 20.11 lakh). The orchid auctioned by the cultivator once in a year. He laid a classic example for nearby farmer.

Team appreciated the efforts and technology disbursement of watershed department, also insisted farmers to establish processing and packaging unit for the product so he can earn more benefits. Team members also requested to replicate the model with other fruit plant species in nearby area. The villagers told that around 450 Begha land is under amla cultivation in Dhilli Village.

*****
PFMS: OPTIMUM IMPLEMENTATION

Status of PMKSY-WSDC (9183)

Objective

- GFR- Rule 232 (v) : The release of funds to State Governments and monitoring further utilization should be undertaken through PFMS.
- Transparency
Agencies

- DoLR
- PFMS
- States
- Banks

All these agencies are responsible for ensuring a robust system and efficient operation of the system so devised.

Key issues

Whether

- State has got a single nodal account (SNA), for each Scheme, duly mapped with PFMS?
- Due registration of agencies at all appropriate hierarchical levels has been ensured?
- Any superfluous agency(ies) already registered needs to be weeded out or vice versa?
- The balances shown in the PFMS are usually high/low?
- Agency account is shared by other schemes as well, if yes, the dedicated scheme accounts shall be opened?
- The States are using PFMS for transmitting funds from State Nodal Account to district level agencies onwards?
- The treasury is showing release of the Central and State share separately in the State Nodal Account?
### PFMS Status of PMKSY-WSDC (9183) for FY 2019-20 (in Rs)

(As on 15.12.19)

<table>
<thead>
<tr>
<th>S.No.</th>
<th>State Name</th>
<th>GOI Share</th>
<th>Fund Released to SNA by the State treasury</th>
<th>Expenditure /Transfer</th>
<th>SNA Bank balance</th>
<th>No. of Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>Not Released</td>
<td>NA</td>
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Source: PFMS Report

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<tr>
<th>S.No.</th>
<th>State Name</th>
<th>GOI Share</th>
<th>Fund Released to SNA by the State treasury</th>
<th>Expenditure /Transfer</th>
<th>SNA Bank balance</th>
<th>No. of Accounts</th>
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<tbody>
<tr>
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### PFMS Status: PMKSY-Watershed Development Component (9183) FY-19-20
(As on 15.12.19)

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<tr>
<th>State name</th>
<th>Level name</th>
<th>State</th>
<th>District</th>
<th>Block</th>
<th>Panchayat</th>
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### PFMS Status: PMKSY-Watershed Development Component (9183) FY-19-20
(As on 15.12.19)

<table>
<thead>
<tr>
<th>State name</th>
<th>Level name</th>
<th>State</th>
<th>District</th>
<th>Block</th>
<th>Panchayat</th>
<th>Village</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Andhra Pradesh</strong></td>
<td>Registered Agency</td>
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<td>0</td>
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<td>0</td>
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*Diff in M03 and M16 (mapping issue)
Unspent Balance as per PFMS for F.Y 2019-20 (PMKSY-WSDC) (As on 15.12.19)

<table>
<thead>
<tr>
<th>S.No</th>
<th>States</th>
<th>Unspent Balance as per PFMS (Cr.)</th>
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<td><strong>TOTAL</strong></td>
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