

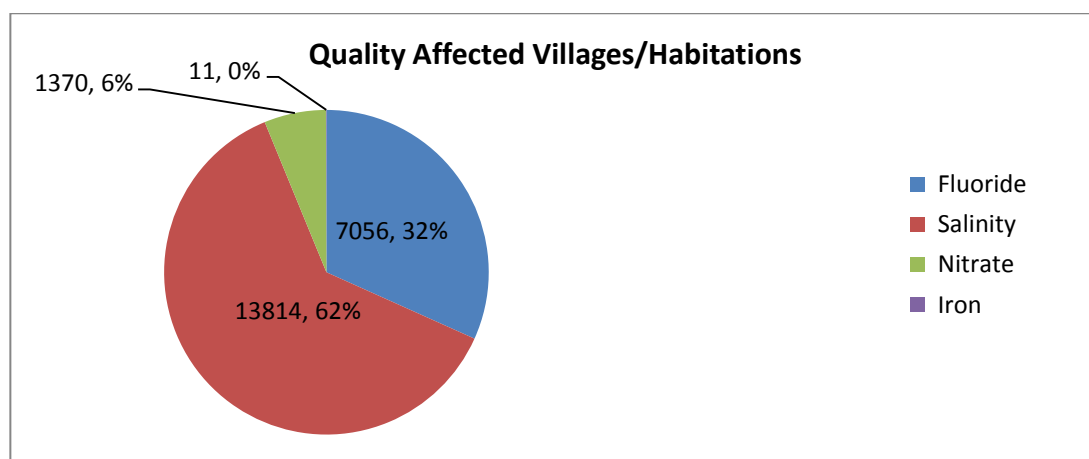
CHAPTER - 14

WATER SUPPLY & SANITATION

14.1 The State accounts for 5.66 per cent of country's population and 10.41 per cent of country's area, but it has barely 1.16 per cent of the country's surface water and 1.7 per cent of ground water. The position of the State in terms of availability of water is gravest in the country. Per capita availability of water of the state is only 640 cubic meters against the national average of 1700 cubic meters. Approximately 90 per cent population of the State is dependent on underground water for drinking water. The ground water condition in the State has become quite alarming due to overexploitation in the last two decades. Out of total 248 blocks in the State, as per the ground water Assessment Report 2013, only 44 blocks are in 'safe' category, 28 block fall in 'semi critical' category, 09 in 'critical' and 164 blocks in 'overexploited' category. Three blocks are completely saline. The average extraction of ground water in the state is 137 percent of recharge with one block having extraction of 600 per cent of the recharge.

14.2 The conditions have become more critical due to uncertain and scanty rainfall during the monsoon. The supply of water has become increasingly difficult due to demand of a growing population, livestock, agriculture and industries.

14.3 The State also suffers from the problem of quality of available water. Out of total water quality affected habitations of the country, 28.36 per cent belong only to the State. Increased pollution by industrial units, unregulated mining and even over-extraction of water from deep wells also add to the water quality problem in a number of districts. As on 01.04.2015 there are 7056 habitations affected from fluoride, 13814 habitations from salinity, 11 habitations from iron and 1370 habitations from nitrate. Thus, as many as 22251 habitations suffer from water quality issue. In addition to this 32114 habitations are only partially covered with drinking water supply. Poor quality of drinking water adds to serious health concerns also.



14.4 The situation needs to be addressed on a war-footing in order to meet the objectives of development. The following thrust areas for water conservation and management have been identified.

- Enhancing recharge of ground water particularly in dark zones of critical or over-exploitation.
- Rain water harvesting through appropriate structures.
- Effective management of irrigation projects to minimize evaporation and other losses.
- Economic use of water in agriculture.

Strategic Options to Solve the Quality & Sustainability

14.5 The options available to solve the quality problem of the rural areas in a sustainable way are:

- **Rainwater Harvesting:** Rain water harvesting in desert area is highly unsustainable option as rainfall is erratic and scanty. This can be only a supplemental source.
- **Desalination:** Desalination is costlier as compared to surface water schemes besides problem of reject management and high electric consumption. Per liter cost of desalinated water is 10-30 paisa as compared to 3.5 paisa through surface schemes. In bulk desalination plant, the cost can be reduced but it would still remain much higher as compared to surface source. However, use of RO may be the best option available as a midterm measure for quality affected areas.
- **Surface Sources:** The State's medium term plan is to shift toward surface water sources through building an extensive network of multi town and multi habitation schemes, each with long distance conveyance systems simultaneously supplying bulk water to a large number of villages, towns and cities, for maximizing benefits. The main surface sources are Indira Gandhi Main Canal, Banas, Chambal & Narmada River based dams. Yamuna water shall also be utilized for nearby rural areas.

14.6 Providing safe drinking water to the people through schemes based on surface water is the utmost priority of the State. High priority would also be given to suitable schemes to mitigate the problem of saline and fluoride water. Conventional sources of water such as wells, bawadi, anicuts, ponds and tanks etc. would be augmented in a big way. The State Government is according high priority to connect regional water supply schemes to villages, towns and habitations as much as possible. Remote areas are kept to be covered through National Rural Drinking Water Programme.

14.7 An outlay of ₹1461591.15 lakh was kept for water supply sector for the Twelfth five year plan. An expenditure of ₹438460.47 lakh has been

incurred in the year 2015-16 against an outlay of ₹467424.21 lakh. An outlay of ₹544852.98 lakh is kept for the Annual Plan 2016-17 which includes Central Assistance of ₹ 90699.85 lakh. This amount of ₹ 90699.85 lakh also includes amount of ₹ 43129.00 lakh received from NITI Ayog as one time assistance. Scheme-wise outlays fixed for the Twelfth Plan, expenditure in the year 2015-16 and kept outlay for the Annual Plan 2016-17 are as follows:

Table No. 14.1
Scheme-wise Financial Outlays

(₹in lakh)					
S. No.	Scheme	Twelfth Plan Outlay	Outlay 2015-16	Exp. 2015-16	Outlay 2016-17
1.	Urban Water Supply	539336.91	99503.03	87917.00	98407.11
2.	Rural Water Supply	919181.24	367679.59	350414.04	446302.74
3.	Training Institute for Engineering Subordinates	573.00	141.59	129.43	143.10
4.	Low Cost Sanitation	2500.00	100.00	0.00	0.03
	Total	1461591.15	467424.21	438460.47	544852.98

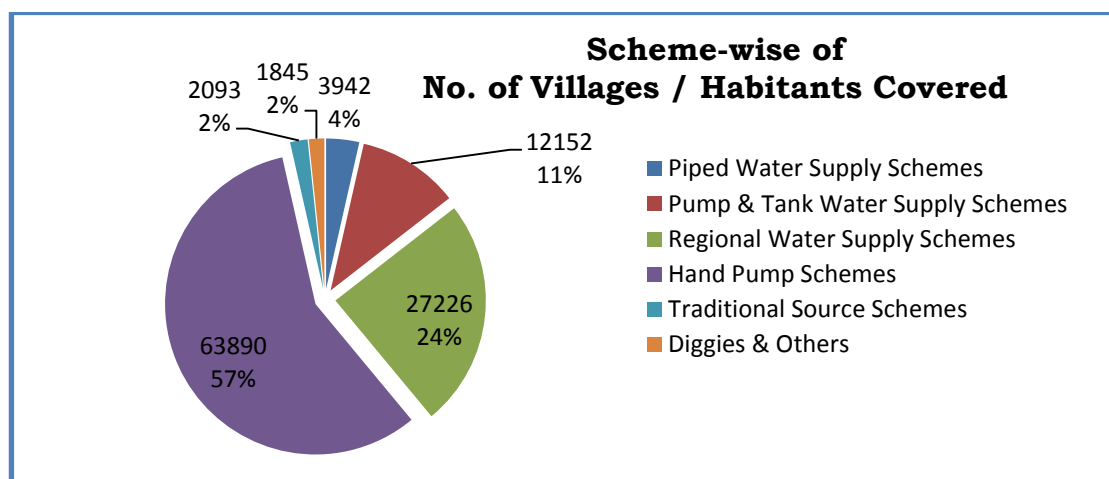
Rural Water Supply

14.8 Presently, 90 per cent rural water supply schemes in the State are based on ground water. Break up of rural water schemes are as below:

Table No. 14.2
Scheme-wise of Coverage of Rural Water Supply

(As on December, 2015)

S. No.	Type of Scheme	No. of Villages/ Habitants Covered	Percentage
1	Piped Water Supply Schemes	3942	3.55
2	Pump & Tank Water Supply Schemes	12152	10.93
3	Regional Water Supply Schemes	27226	24.50
4	Hand Pump Schemes	63890	57.48
5	Traditional Source Schemes	2093	1.88
6	Diggies & Others	1845	1.66
	Total	111148	100



14.9 Out of 121683 habitations, 67315 habitations have been fully covered and 32114 habitations are partially covered as on 1stApril, 2015. Balance 22254 habitations have quality problems. Drinking water problem of these quality affected 22254 habitations shall be addressed by taking up surface water source based projects. As a midterm solution, 5000 R O plants were to be installed in quality affected habitations in span of 5 years from 2013-14. 834 RO plants have been commissioned up to March 2016. During the year 2015-16, sanction of 2115 new RO plants amounting to ₹ 48812.00 lakh have been issued out of which tender has been called for 1066 RO plants.

14.10 During the year 2015-16, a total 1390 solar water pumping systems amounting to ₹ 13223.00 lakh have been sanctioned including 346 solar energy based water pumping systems with de-fluoridation units in the quality affected habitations having availability of fluoride contaminations in ground water sources.

14.11 Work order of rejuvenation & repairing of inlet channel, SSF & diggins in canal area of Bikaner region issued amounting to ₹15837.00 lakh for 150 works during the year 2015-16.

14.12 For rejuvenation of defunct 1586 number of JJY schemes, an amount of ₹13644.00 lakh has been sanctioned during 2015-16.

14.13 Due to the limitations of quality and quantity, the ground water sources can no longer be considered dependable in Rajasthan. Major coverage, therefore, shall be from surface water source based projects. Chambal River and its tributaries, Indira Gandhi Canal System and Narmada Canal are the only dependable perennial surface water sources in the State. Due to limited number of reliable surface source, these projects involve long transmission systems that are highly capital intensive, requiring substantial funds and long time for completion. Surface sources are being adopted as the most sustainable and reliable source to avoid slipping back after achieving coverage.

Urban Water Supply

14.14 Supply of safe, hygienic and potable drinking water to urban population is undoubtedly the top priority of the State Government. All the 222 towns of the State have been benefited with drinking water supply system. But the service level and the quality of drinking water supply still need improvement for optimal consumer satisfaction. The main thrust in the Twelfth five year Plan is on providing reliable, sustainable drinking water supply with adequate service levels to the urban areas as per prescribed norms.

Major Water Supply Projects:

14.15 An outlay of ₹315069.92 lakh is kept for rural as well as urban water supply schemes for the Annual Plan 2016-17. Details of major water supply schemes are given below.

Jaipur Water Supply Project from Bisalpur

14.16 This project was prepared for water supply for Jaipur city from the Bisalpur dam. The project consists of two parts. First part of the project for transmission of water from Bisalpur to Balawala has been completed by the Urban Development Department with loan assistance from ADB. The total cost of this part was ₹ 55600.00 lakh. Second part of the project for transfer of water from Balawala to various distribution centres of Jaipur city is being executed by Water Supply Department with loan assistance from Japan Bank for International Cooperation (JBIC). Estimated cost of the transfer system is ₹ 58000.00 lakh, out of which ₹ 34300.00 lakh is JBIC loan. Bisalpur transfer network had been connected to different parts of the town by March, 2010 in various stages, as per availability of water from Bisalpur dam. An expenditure of ₹52449.00 lakh was incurred upto March, 2015 and an expenditure of ₹164.08 lakh has been incurred in the year 2015-16 against an outlay of ₹393.00 lakh. An amount of ₹ 50.00 lakh is kept for the Annual Plan 2016-17. The work of last package of New Distribution Centre at Kho-Nagorian has almost completed in the year 2015-16.

14.17 Looking to the demands of newly developed colonies, DPR of II phase of Bisalpur Jaipur Water Supply Project is being prepared. For this an expenditure of ₹7.44 lakh has been incurred in the year 2015-16 against an outlay of ₹ 25.00 lakh. An amount of ₹ 50.00 lakh is kept for the Annual Plan 2016-17.

Reorganisation of Urban Water Supply Scheme, Jodhpur (EAP-French Funding Agency)

14.18 Jodhpur town is getting its water supply from Rajeev Gandhi Lift Canal & adequate raw water is available for the town for the demand of 2016. Augmentation/re-organization of distribution system of Jodhpur town with specific emphasis on work related to management of source and its transfer to places of shortage, distribution network improvement is urgently required. The estimated cost of the project is ₹ 74050.00 lakh. An expenditure of ₹24959.00 lakh was incurred upto March, 2015 and an expenditure of ₹3911.81 lakh has been incurred in the year 2015-16 against an outlay of ₹15000.00 lakh. An outlay of ₹9000.00 lakh is kept for the Annual Plan 2016-17.

Jawai-Pali-Jalore WS Project

14.19 This project was sanctioned to save water losses in open canal to provide safe drinking water to additional 235 villages and 7 towns of Pali district by converting the existing canal system into pipeline from Jawai dam. Part of the pipeline was commissioned in 2009. Total cost of the project is ₹63479.00 lakh. An expenditure of ₹37095.00 lakh was incurred upto March, 2015 and an expenditure of ₹999.99 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1000.01 lakh. An outlay of ₹1000.01 lakh is kept for the Annual Plan 2016-17.

Bisalpur Dudu Phulera Project (Phase-I) (NABARD-RIDF)

14.20 The project envisages to cater demand of 1,488 villages of Jaipur, Tonk & Nagaur districts and 9 towns namely Chaksu, Sambhar Lake, Phulera, Narena, Malpura, Niwai, Todaraisingh, Jobner and Renwal. But now coverage of this scheme is 9 towns and 718 villages. The revised cost of the project is ₹ 67887.00 lakh. The work of two transmission pipelines has been completed & the work of four cluster distribution including village distribution has also been completed. Presently work of last two cluster distribution packages i.e. Nariana Cluster & Sambhar cluster is under progress. An expenditure of ₹44919.00 lakh was incurred upto March, 2015 and an expenditure of ₹5028.35 lakh has been incurred in the year 2015-16 against an outlay of ₹2400.02 lakh. An amount of ₹ 10186.62 lakh is kept for the Annual Plan 2016-17. The project will be completed in 2016-17.

Chambal-Sawai Madhopur-Baler Water Supply Project

14.21 This project envisages providing drinking water to 636 villages of Sawai Madhopur district and Sawai Madhopur town. The source of water for the project is Chambal River at Mandrayal District Karauli. The revised estimated cost of the project is ₹56700.00 lakh. The work of raw water pipeline & cluster of 109 villages are under progress. The delay in the execution of the project accrued mainly due to delay in environmental clearance for construction of intake well on Chambal River. The work of main infrastructure system likely to be completed by June, 2016 & work of cluster distribution package of 109 villages is also under progress. An expenditure of ₹29606.00 lakh was incurred upto March, 2015 and an expenditure of ₹2610.31 lakh has been incurred in the year 2015-16 against an outlay of ₹1320.00 lakh. An outlay of ₹6000.03 lakh is kept for the Annual Plan 2016-17.

Nagaur Lift Water Supply Project (Phase I)

14.22 This project was sanctioned to solve drinking water problems of 5 towns and 502 villages of Nagaur district. Total cost of the project is ₹ 76100.00 lakh, which is under process of revision for an amount of ₹ 119430.00 lakh. The work of the main transmission system has been completed. The work on the cluster distribution system of 502 villages in three packages is under progress. An expenditure of ₹76185.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 5894.30 lakh has been incurred in the year 2015-16 against an outlay of ₹ 6494.91 lakh. An outlay of ₹ 5000.03 lakh is kept for the Annual Plan 2016-17.

Pokran Phalsoond Balotra Lift Water Supply Project

14.23 This project was framed to provide drinking water to Pokran, Balotra and Siwana towns and 580 villages of Barmer & Jaisalmer districts. Total cost of the project is ₹145420.00 lakh. Off-take point for this project has been taken up at Nachna Phata on Indira Gandhi Main

Canal (IGMC). An expenditure of ₹ 83305.00 lakh has been incurred upto March, 2015 and an expenditure of ₹ 14795.72 lakh has been incurred in the year 2015-16 against an outlay of ₹ 10650.00 lakh. An outlay of ₹ 13000.06 lakh is kept for the Annual Plan 2016-17. Presently infrastructure work from Nachna to Pokaran has been completed and infrastructure work from Pokaran to Balotra under two packages is under progress. Further, cluster distribution work of 580 villages under 04 packages is also under progress.

Dewas Water Supply Project

14.24 This project consists of construction of 2 dams near Akodra and Madri villages of Jhadol & Girwa tehsils respectively of Udaipur district. The revised cost of the project is ₹ 37919.00 lakh. Execution of the work on this project is in progress. An expenditure of ₹35104.00 lakh was incurred upto March, 2015 and an expenditure of ₹300.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 400.02 lakh. The project has been completed in the year 2015-16. An outlay of ₹ 0.04 lakh is kept for the Annual Plan 2016-17.

Narmada FR Water Supply Project

14.25 This project was prepared to provide safe drinking water to 281 villages & 1 towns of Jalore district. Total cost of the project was revised to ₹ 38017.00 lakh on 09.02.2014. SPR Work (Infra) is under progress & apart from this enroute 22 main & 58 other habitations benefited through existing distribution system and pipeline work is under progress. An expenditure of ₹31211.00 lakh was incurred upto March, 2015 and an expenditure of ₹2080.20 lakh has been incurred in the year 2015-16 against an outlay of ₹ 5462.04 lakh. An outlay of ₹ 2476.03 lakh is kept for the Annual Plan 2016-17. The project is likely to be completed in the year 2016-17.

Tiwari Mathania Osian Project (NABARD-RIDF)

14.26 This project was sanctioned to benefit 113 main and 950 other habitations with safe drinking water. The revised cost of the project is ₹ 43006.00 lakh. The project work is being taken up in phases. Rajeev Gandhi Lift Canal is the source of water for the project. An expenditure of ₹23840.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 3705.26 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1740.00 lakh. An outlay of ₹ 8024.00 lakh is kept for the Annual Plan 2016-17. The project is likely to be completed in the year 2016-17.

Chambal Bhilwara Water Supply Project (NABARD-RIDF)

14.27 This project was envisaged to provide safe drinking water to all the 9 towns and 1688 villages of Bhilwara district from Chambal River near Bhainsroadgarh upstream of Jawahar Sagar as source. The estimated cost of the project is ₹ 72782.00 lakh. An expenditure of ₹52620.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 11019.14 lakh

has been incurred in the year 2015-16 against an outlay of ₹ 7020.00 lakh. An outlay of ₹ 9176.00 lakh is kept for the Annual Plan 2016-17. The project is likely to be completed in the year 2016-17.

Nagda Anta Baldeopura Water Supply Project

14.28 Nagda Anta Baldeopura Water Supply Project for supplying water to Anta town and 42 villages of Baran & Mangrol tehsil of Baran district from Baldeopura Dam on the Kali Sindh River with an estimated cost of ₹ 7897.00 lakh has been taken up. The project includes transmission main as well as distribution up to the town and kept villages. An expenditure of ₹4306.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 773.22 lakh has been incurred in the year 2015-16 against an outlay of ₹ 2751.29 lakh. An outlay of ₹ 1344.03 lakh is kept for the Annual Plan 2016-17. The project is likely to be completed in the year 2016-17.

BorawasMandana Water Supply Project

14.29 BorawasPadampura Water Supply Project was taken up for supplying drinking water to 60 villages and 21 dhanies of Kota district. Borawas-Padampura Scheme has been clubbed with another sanctioned scheme Nayagaon-Jagpura-Kasar using the existing structures of Akelgarh head works. Total cost of the project is ₹ 11800.00 lakh. 57 villages and 20 other habitations of Ladpur tehsil will also be benefited by this scheme. This project includes transmission main as well as distribution up to the proposed villages. An expenditure of ₹3749.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 781.46 lakh has been incurred in the year 2015-16 against an outlay of ₹1466.05 lakh. An outlay of ₹ 1000.06 lakh is kept for the Annual Plan 2016-17.

Cluster Distribution System of Jawai Pali-Jalore WS Project (Phase-II), Part-A

14.30 Takhtgarh town and 111 villages of Pali district are proposed to be covered under the project with Jawai Dam, as source. Total cost of the project is ₹ 19940.00 lakh. An expenditure of ₹ 2697.65 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1400.00 lakh. An expenditure of ₹11396.00 lakh was incurred upto March, 2015 and an outlay of ₹ 342.03 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been completed in the year 2015-16.

Madhvi Water Supply Project (NABARD-RIDF)

14.31 This project was prepared for covering 32 villages and 3 dhanies and 50 per cent demand of village Dug of Gangdhar tehsil of District Jhalawar from Madhvi Dam. Total cost of the project is ₹ 3087.00 lakh. The project includes intake well, water treatment plant, pumping station, transmission main, distribution system and 10 years operation and maintenance of the works to be executed. An expenditure of ₹1950.00

lakh was incurred upto March, 2015 and an expenditure of ₹229.18 lakh has been incurred in the year 2015-16 against an outlay of ₹200.03 lakh. An outlay of ₹ 150.03 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been completed in the year 2015-16.

Bhimni Water Supply Project (NABARD-RIDF)

14.32 This project was prepared for covering 30 villages and 14 dhanies of Pachpahar tehsil of Jhalawar district from Bhimni Dam. Total cost of the project is ₹ 3080.00 lakh. This project includes pumping machinery at the intake well, water treatment plant, pumping station, transmission main, distribution system and 10 years operation and maintenance of the works to be executed. An expenditure of ₹2186.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 250.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 200.00 lakh. An outlay of ₹ 150.03 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been completed in the year 2015-16.

Ajmer-Peesangan Fluoride Control Project (NABARD-RIDF)

14.33 This project was prepared to provide safe drinking water to 113 villages and 114 dhanies of Ajmer district with Bisalpur Dam, as source. The estimated cost of the project is ₹ 22134.00 lakh. An expenditure of ₹ 1844.68 lakh has been incurred in the year 2015-16 against an outlay of ₹ 600.03 lakh. An expenditure of ₹16756.00 lakh was incurred upto March, 2015 and an outlay of ₹ 461.03 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been completed in the year 2015-16.

Bungi-Rajgarh Water Supply Project (NABARD-RIDF)

14.34 This project was envisaged to provide safe drinking water to one town & 188 villages of Churu & Jhunjunu districts with IGNP, as source. The estimated cost of the project is ₹ 41564.00 lakh. An expenditure of ₹20325.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 4586.39 lakh has been incurred in the year 2015-16 against an outlay of ₹ 8486.45 lakh. An outlay of ₹2500.03 lakh is kept for the Annual Plan 2016-17. The project has substantially completed in the year 2015-16.

Bisalpur Tonk Uniyara Deoli Project (NABARD-RIDF)

14.35 This project was envisaged to provide safe drinking water to 3 towns & 436 villages of Tonk district with Bisalpur dam, as source. The revised estimated cost of the project is ₹ 54211.00 lakh. An expenditure of ₹17843.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 5288.89 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1640.03 lakh. An outlay of ₹ 5008.86 lakh is kept for the Annual Plan 2016-17.

Deeg-Nagar –Kaman-Pahari Pipeline Project

14.36 This project was envisaged to develop infrastructure work for providing safe drinking water to 4 towns & 635 villages of Bharatpur district with Chambal River, as source and benefiting 4 towns and 97 villages under the project. The estimated cost of the project is ₹ 31149.00 lakh. An expenditure of ₹818.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 1314.16 lakh has been incurred in the year 2015-16 against an outlay of ₹ 465.04 lakh. An outlay of ₹ 6000.03 lakh is kept for the Annual Plan 2016-17.

Fatehpur-Laxmangarh Project (NABARD-RIDF)

14.37 This project was envisaged to provide safe drinking water to 3 towns & 286 villages of Sikar district with IGNP, as source. The estimated cost of the project is ₹ 83200.00 lakh. An expenditure of ₹41968.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 8768.56 lakh has been incurred in the year 2015-16 against an outlay of ₹ 7259.41 lakh. An outlay of ₹7500.03 lakh is kept for the Annual Plan 2016-17. The work of infrastructure Package is almost completed & work of 4 cluster distribution packages is under progress.

Rural Water Supply Scheme (RWSS) of 72 Villages of Nawa Tehsil

14.38 This project was envisaged to provide safe drinking water to the 72 villages of Nagaur district with Bisalpur Dam, as source. The estimated cost of the project is ₹12872 lakh. An expenditure of ₹7647.00 lakh incurred upto March, 2015 and an expenditure of ₹ 802.62 lakh has been incurred in the year 2015-16 against an outlay of ₹ 100.01 lakh. An outlay of ₹150.01 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been completed in the year 2015-16.

200 MLD Water Treatment Plant (WTP) at Surajpura Project

14.39 This project was envisaged to enhance the capacity of WTP at Surajpura under Jaipur-Bisalpur water supply Project. The estimated cost of the project is ₹15053.00 lakh. An expenditure of ₹8981.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 2891.56 lakh has been incurred in the year 2015-16 against an outlay of ₹ 5398.00 lakh. An outlay of ₹ 25.00 lakh is kept for the Annual Plan 2016-17 to clear pending payment liabilities. The project has been almost completed in the year 2015-16.

Nagaur Lift Project Phase-II (EAP-JICA)

14.40 This project was envisaged to provide safe drinking water to 7 towns & 914 villages of Nagaur district with IGNP, as source. The estimated cost of the project is ₹293800.00 lakh. The project is EAP & being funded by JICA. An expenditure of ₹5907.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 30382.78 lakh has been

incurred in the year 2015-16 against an outlay of ₹ 66730.00 lakh. An outlay of ₹ 54665.00 lakh is kept for the Annual Plan 2016-17. Presently, work order of 3 infrastructure packages have been awarded in Sep-15. Further two Nos of cluster packages are also under progress under NRDWP, for which an expenditure of ₹ 3759.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 3000.00 lakh. An outlay of ₹ 2000.14 lakh is kept for the Annual Plan 2016-17.

Chambal to Bundi Link Transmission Main & Other Infrastructure

14.41 This project was envisaged to provide safe drinking water to one town & 19 villages of Bundi district with Chambal River, as source. The estimated cost of the project is ₹ 7437.00 lakh. An expenditure of ₹2876.00 lakh was incurred upto March, 2015 and an expenditure of ₹915.36 has been incurred in the year 2015-16 against an outlay of ₹820.03 lakh. An outlay of ₹ 1373.06 lakh is kept for the Annual Plan 2016-17. The work of infrastructure & cluster distribution package is under progress & likely to be completed in the year 2016-17.

Narmada-Gudamalani Water Supply Project

14.42 This project was envisaged to provide safe drinking water to 177 villages of Barmer district with Narmada River as source. The estimated cost of the project is ₹ 16000.00 lakh. An expenditure of ₹4767.00 lakh was incurred upto March, 2015 and an expenditure of ₹926.92 lakh is has been incurred in the year 2015-16 against an outlay of ₹ 2120.00 lakh. An outlay of ₹ 1500.03 lakh is kept for the Annual Plan 2016-17. The infrastructure work of 177 villages is under progress.

Urban Water Supply Scheme, Jalore

14.43 This project was envisaged to provide safe drinking water to 1 town& 14 enroute villages of Jalore district with Narmada Canal, as source. The revised estimated cost of the project is ₹ 6220.00 lakh. An expenditure of ₹4173.00 lakh was incurred upto March, 2015 and an expenditure of ₹1154.35 lakh has been incurred in the year 2015-16 against an outlay of ₹2389.01 lakh. An outlay of ₹ 25.07 lakh is kept for the Annual Plan 2016-17. The work under this project has been almost completed in the year 2015-16.

Regional Water Supply Scheme for 199 Villages of Niwai & Tonk Tehsils

14.44 This project was envisaged to provide safe drinking water to 199 villages of Tonk district with Bisalpur Dam, as source. The estimated cost of the project is ₹ 11288.00 lakh. An expenditure of ₹3820.00 lakh was incurred upto March, 2015 and an expenditure of ₹1900.61 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1458.00 lakh. An outlay of ₹ 10543.01 lakh is kept for the Annual Plan 2016-17. The cluster distribution work of 199 villages is under progress & likely to be completed in the year 2016-17.

Beawar Jawaja Cluster for 199 villages of Ajmer District

14.45 This project was envisaged to provide safe drinking water to 199 villages of Ajmer district with Bisalpur Dam, as source. The estimated cost of the project is ₹23146.00 lakh. An expenditure of ₹4490.00 lakh was incurred upto March, 2015 and an expenditure of ₹3306.31 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1945.50 lakh. An outlay of ₹ 4500.00 lakh is kept for the Annual Plan 2016-17.

Chambal Bhilwara Cluster Project

14.46 This project was envisaged to provide safe drinking water to 8 towns & 1688 villages of Bhilwara district with Chambal River, as source. The estimated cost of the project is ₹ 149568.00 lakh. An expenditure of ₹34047.00 lakh was incurred upto March, 2015 and an expenditure of ₹21547.13 lakh has been incurred in the year 2015-16 against an outlay of ₹ 10400.00 lakh. An outlay of ₹ 16804.76 lakh is kept for the Annual Plan 2016-17. The cluster distribution system of 8 towns & 1688 villages is under progress in 8 packages.

Integrated Sikar-Jhunjhunu-Khetri WS Project

14.47 This project was envisaged to provide safe drinking water to 5 towns & 258 villages of Jhunjhunu & Sikar districts with IGNP, as source. The estimated cost of the project is ₹ 95474.00 lakh. An expenditure of ₹43475.00 lakh was incurred upto March, 2015 and an expenditure of ₹29158.43 lakh has been incurred in the year 2015-16 against an outlay of ₹ 9457.52 lakh. An outlay of ₹8000.03 lakh is kept for the Annual Plan 2016-17. The work of infrastructure package & cluster distribution work is under progress in 2 packages.

Chambal-Dholpur-Bharatpur Project, Ph-I, Part-I

14.48 This project was envisaged to provide safe drinking water to 1 town & 199 villages of Bharatpur & Dholpur districts with Chambal River, as source. The revised estimated cost of the project is ₹ 54869.00 lakh. An expenditure of ₹30463.00 lakh was incurred upto March, 2015 and an expenditure of ₹1937.11 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1440.01 lakh. An amount of ₹ 2000.03 lakh is kept for the Annual Plan 2016-17. The work of infrastructure package & cluster work of 62 villages has been almost completed and work of 3 cluster distribution packages is under progress.

Chambal-Dholpur-Bharatpur Project, Ph-I, Part-II

14.49 This project was envisaged to provide safe drinking water to 755 villages of Bharatpur district with Chambal River, as source. The estimated cost of the project is ₹ 72031.00 lakh. An expenditure of ₹7958.00 lakh was incurred upto March, 2015 and an expenditure of ₹3964.60 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1430.03 lakh. An outlay of ₹ 4000.03 lakh is kept for the Annual

Plan 2016-17. Cluster distribution work of 755 villages is under progress in 3 packages.

Bisalpur Dudu Chaksu-Phagi-Bassi Water Supply Project

14.50 This project was envisaged to provide safe drinking water to 646 villages and 2227 dhanies of Jaipur district with Bisalpur Dam, as source. The estimated cost of the project is ₹ 77124.00 lakh. An expenditure of ₹16472.00 was incurred upto March, 2015 and an expenditure of ₹11621.92 lakh has been incurred in the year 2015-16 against an outlay of ₹ 5670.00 lakh. An outlay of ₹ 29727.01 lakh is kept for the Annual Plan 2016-17. Cluster distribution work of 646 villages is under progress in 3 packages & out of which 2 packages are likely to be completed in the year 2016-17.

RWSSP anchala Dhewra Chirai Water Supply Project

14.51 This project was envisaged to provide safe drinking water to 59 village & 892 dhanies of Jodhpur district with RGLC, as source. The estimated cost of the project is ₹39663.00 lakh. An expenditure of ₹5137.00 lakh was incurred upto March, 2015 and an expenditure of ₹5807.71 lakh has been incurred in the year 2015-16 against an outlay of ₹ 2310.00 lakh. An outlay of ₹ 2000.03 lakh is kept for the Annual Plan 2016-17.

Jawai Pali Pipeline Cluster Project, Ph-II, Part-B

14.52 This project is envisaged to provide safe drinking water to 2 towns & 215 villages of Pali district with Jawai-Hemawas Dam, as source. The estimated cost of the project is ₹ 36696.00 lakh. An expenditure of ₹8914.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 7091.74 lakh has been incurred in the year 2015-16 against an outlay of ₹ 5612.03 lakh. An outlay of ₹ 6684.00 lakh is kept for the Annual Plan 2016-17. Cluster distribution work of 215 villages is under progress in 2 packages and out of which 1 package is likely to be completed in the year 2016-17.

Narmada DR Water Supply Project

14.53 This project was prepared to develop infrastructure work for providing safe drinking water to 138 villages & 1 town of Jalore district. The cost of the project has been revised to ₹ 21834.00 lakh on 24.08.2012. An expenditure of ₹8065.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 1218.34 lakh has been incurred in the year 2015-16 against an outlay of ₹ 5617.01 lakh. An amount of ₹ 2977.01 lakh is kept for the Annual Plan 2016-17. The project is likely to be completed in the year 2016-17.

Narmada FR Cluster WS Project

14.54 This project was envisaged to provide safe drinking water to 267 villages of Jalore district with Narmada Canal, as source. The estimated

cost of the project is ₹50920.00 lakh. An expenditure of ₹2888.00 lakh was incurred upto March, 2015 and an expenditure of ₹2707.71 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1120.00 lakh. An outlay of ₹ 2000.03 lakh is kept for the Annual Plan 2016-17. The cluster distribution work of 267 villages is under progress.

Narmada DR Cluster WS Project

14.55 This project was envisaged to provide safe drinking water to 138 villages of Jalore district with Narmada Canal, as source. The estimated cost of the project is ₹26350.00 lakh. An expenditure of ₹1732.00 lakh was incurred upto March, 2015 and an expenditure of ₹1892.00 lakh has been incurred in the year 2015-16 against an outlay of ₹696.00 lakh. An outlay of ₹ 2000.03 lakh is kept for the Annual Plan 2016-17. The cluster distribution work of 138 villages is under progress.

RWSS Shiv Teh. of Barmer Distt. From Narmada

14.56 This project was envisaged to provide safe drinking water to 205 villages of Barmer district with Narmada Canal, as source. The estimated cost of the project is ₹61079.00 lakh. An expenditure of ₹11564.00 lakh was incurred upto March, 2015 and an expenditure of ₹2100.11 lakh has been incurred in the year 2015-16 against an outlay of ₹ 3240.00 lakh. An outlay of ₹ 3000.03 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 205 villages is under progress.

RWSS Bawari Kalan Khara Jaloda from Rajeev Gandhi Lift Canal (RGLC)

14.57 This project was envisaged to provide safe drinking water to 43 villages of Jodhpur district with RGLC, as source. The estimated cost of the project is ₹ 12081.00 lakh. An expenditure of ₹2894.00 lakh was incurred upto March, 2015 and an expenditure of ₹5090.98 lakh has been incurred in the year 2015-16 against an outlay of ₹ 486.00 lakh. An outlay of ₹ 5113.03 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 43 villages is under progress & likely to be completed in the year 2016-17.

RWSS Gathore-Kanasar-Bap from RGLC

14.58 This project was envisaged to provide safe drinking water to 25 villages of Jodhpur district with RGLC, as source. The estimated cost of the project is ₹ 8895.00 lakh. An expenditure of ₹1552.00 lakh was incurred upto March, 2015 and an expenditure of ₹3792.59 lakh has been incurred in the year 2015-16 against an outlay of ₹ 300.00 lakh. An outlay of ₹ 2412.89 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 25 villages is under progress & likely to be completed in the year 2016-17.

RWSS 256 villages of Bhinmal tehsil & Bhinmal town (ER)

14.59 This project was envisaged to provide safe drinking water to 1 town & 256 villages of Jalore district with Narmada Canal, as source. The estimated cost of the project is ₹ 45516.00 lakh. An expenditure of ₹6254.00 lakh was incurred upto March, 2015 and an expenditure of ₹ 1950.52 lakh is likely to be incurred in the year 2015-16 against an outlay of ₹ 1990.00 lakh. An outlay of ₹ 2500.06 lakh is kept for the Annual Plan 2016-17. The infrastructure work is under progress.

Gagrin Water Supply Project

14.60 This project was envisaged to provide safe drinking water to 315 villages 21 dhanies of Jhalawar district with Gagreen Dam, as source. The revised estimated cost of the project is ₹35148.00 lakh. An expenditure of ₹6155.00 lakh was incurred upto March, 2015 and an expenditure of ₹5896.78 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1620.00 lakh. An outlay of ₹ 11000.03 lakh is kept for the Annual Plan 2016-17. The work of infrastructure work & cluster distribution work of 321 villages is under progress.

Piplad Water Supply Project

14.61 This project was envisaged to provide safe drinking water to 2 towns & 14 villages of Jhalawar district with Piplad Dam as source. The estimated cost of the project is ₹ 3284.00 lakh. An expenditure of ₹1266.00 lakh was incurred upto March, 2015 and an expenditure of ₹918.84 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1499.00 lakh. An outlay of ₹ 223.06 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 14 villages is under progress & likely to be completed in the year 2016-17.

Baran Cluster Water Supply Project

14.62 This project was envisaged to provide safe drinking water to 50 villages & 16 Dhanies of Baran district with Parwati River, as source. The estimated cost of the project is ₹ 6976.00 lakh. An expenditure of ₹1526.00 lakh was incurred upto March, 2015 and an expenditure of ₹1.08 lakh has been incurred in the year 2015-16 against an outlay of ₹ 224.00 lakh. An outlay of ₹ 500.03 lakh is kept for the Annual Plan 2016-17. The work order this project has been rescinded & tenders has been re-invited, received & work order could not be finalized due to stay order by Hon'ble High Court, Rajasthan.

Banswara Water Supply Project

14.63 This project was envisaged to provide safe drinking water to 82 villages of Banswara district with Mahi Dam, as source. The estimated cost of the project is ₹14100.00 lakh. An expenditure of ₹3967.00 lakh was incurred upto March, 2015 and an expenditure of ₹5435.16 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1930.00 lakh.

An outlay of ₹ 6232.00 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 82 villages is under progress & likely to be completed in the year 2016-17.

Banswara-Pratapgarh Water Supply Project

14.64 This project was envisaged to provide safe drinking water to 334 villages of Banswara & Pratapgarh districts with Surwaniya Dam, as source. The estimated cost of the project is ₹ 56000.00 lakh. An expenditure of ₹8845.00 lakh was incurred upto March, 2015 and an expenditure of ₹7491.21 lakh has been incurred in the year 2015-16 against an outlay of ₹ 3707.20 lakh. An outlay of ₹3000.03 lakh is kept for the Annual Plan 2016-17. The infrastructure work & cluster distribution work of 334 villages is under progress.

Barmer Lift Canal Project Phase-II Part-B

14.65 This project was envisaged to provide safe drinking water to 67 villages of Barmer district with IGNP, as source. The estimated cost of the project is ₹ 12500.00 lakh. An expenditure of ₹3473.00 lakh was incurred upto March, 2015 and an expenditure of ₹1156.51 lakh has been incurred in the year 2015-16 against an outlay of ₹ 810.00 lakh. An outlay of ₹ 7083.00 lakh is kept for the Annual Plan 2016-17. The cluster distribution work of 67 villages is under progress & likely to be completed in the year 2016-17.

Barmer Lift Canal Project Phase-II Part-C&D

14.66 This project was envisaged to provide safe drinking water to 448 villages of Barmer & Jaisalmer districts with RGLC, as source. The estimated cost of the project is ₹ 115127.00 lakh. No expenditure has been incurred in the year 2015-16 against an outlay of ₹ 2120.00 lakh. An amount of ₹ 1500.03 lakh is kept for the year 2016-17. Work order is also likely to be awarded in the year 2016-17.

RWSS of 38 villages of Bhainsroadgarh tehsil of Chittorgarh district

14.67 This project was envisaged to provide safe drinking water to 38 villages of Chittorgarh district with Chambal, as source. The estimated cost of the project is ₹ 5073.00 lakh. An expenditure of ₹ 12.42 lakh has been incurred in the year 2015-16 against an outlay of ₹ 0.03 lakh. An amount of ₹ 20.00 lakh is kept for the Annual Plan 2016-17. Presently, technical sanction & forest clearance of the project are under process of approval and work would be started after these approvals.

Reorganisation of Urban Water Supply Scheme, Kishangarh

14.68 Kishangarh town is getting its water supply from Bisalpur Dam. Augmentation/re-organization of distribution system of Kishangarh town with specific emphasis on work related to management of source and its transfer to places of shortage, distribution network improvement is urgently required. The estimated cost of the project is ₹ 7729.00 lakh. An

expenditure of ₹ 6.60 lakh has been incurred in the year 2015-16. An amount of ₹ 4000.00 lakh is kept for the Annual Plan 2016-17.

Reorganisation of Urban Water Supply Scheme, Pratapgarh

14.69 Pratapgarh town is getting its water supply from Jakham Dam. Augmentation/re-organization of distribution system of Pratapgarh town with specific emphasis on work related to management of source and its transfer to places of shortage, distribution network improvement is urgently required. The estimated cost of the project is ₹ 9407.00.00 lakh. An expenditure of ₹ 2.89 lakh has been incurred in the year 2015-16. An amount of ₹ 4000.00 lakh is kept for the Annual Plan 2016-17.

Rajgarh Water Supply Project of Jhalawar district

14.70 This project was envisaged to provide safe drinking water to 54 villages and 15 dhanies of Jhalawar district with Rajgarh Dam, as source. The estimated cost of the project is ₹ 6717.00 lakh. An expenditure of ₹ 1292.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 1302.69 lakh. An amount of ₹ 2500.00 lakh is kept for the Annual Plan 2016-17. Presently, work of intake structure is under progress and NIT for remaining infrastructure & cluster work has been invited. The work is likely to be awarded in the year 2016-17.

14.71 Following Projects are being implemented by NABARD loan, sanctioned up to March, 2016 under RIDF, in addition of funds under NRDWP and State Share:

**Table No. 14.3
Progress of RIDF Projects, sanctioned upto March 2016**

(₹ in Lakh)							
Sr. No.	Project Name	Project Cost	NABARD Loan	Total Exp. Up to March, 2016	Budget outlay 2015-16	Kept outlay 2016-17	Usable Budget against balance loan in 2016-17
1	Aapni Yojana Phase-II Ratangarh-Sujangarh-Churu	97121.00	21675.00	21675.00	10646.84	2500.00	0.00
2	Rewa WSP - Jhalawar	6629.00	3955.00	3529.72	4.00	500.00	500.00
3	Bungi Rajgarh WSP	41564.00	10977.75	10977.75	3500.29	0.01	0.00
4	Fatehpur Laxmangarh WSP	83200.00	27974.35	21642.59	8265.84	4000.00	4000.00
5	Chambal Bhilwara WSP	72799.00	20000.00	20000.00	3870.00	1382.80	0.00
6	Bisalpur Tonk Uniyara WSP	54211.00	9848.85	9497.26	3020.00	3774.60	540.91
7	Nagaur Lift Package - III	76100.00	10402.54	6114.80	3966.50	4100.00	4100.00
8	Nagaur Lift Package - IV		5941.43	2840.73			

Sr. No.	Project Name	Project Cost	NABARD Loan	Total Exp. Up to March, 2016	Budget outlay 2015-16	Kept outlay 2016-17	Usable Budget against balance loan in 2016-17
9	Bheemni Water Supply Project	3080.00	1113.29	910.14	231.42	150.00	150.00
10	Madhavi Water Supply Project	3087.00	1108.37	1094.26	179.92	150.00	16.60
11	Gajner Lift Project	9600.00	3713.05	2666.55	427.01	0.01	0.00
12	Kolyat Lift Project	10600.00	5554.00	3867.40	845.89	1411.50	1411.50
13	FCP Ajmer-Peesangan:	22391.00	2337.97	2322.16	1670.39	461.00	18.60
14	Pokahran-falsood	145420.00	34372.47	24121.17	12488.80	13000.00	13000.00
15	Pokaran Falsoond		35541.00	15970.47			
16	Beawar Jawaja Cluster Project	23116.00	10826.73	5614.56	3006.50	3500.00	3500.00
17	Integrated Taranagar-Jhunjhunu-Sikar-Khetri Water Supply Project Phase I (Package I)	95474.00	15117.43	9866.59	20122.71	2000.00	2000.00
18	Integrated Taranagar-Jhunjhunu-Sikar-Khetri Water Supply Project Phase I (Package II)		11979.37	9721.90			
19	RWSS of 199 villages of Niwai&Tonk Tehsil	11288.00	5290.93	3460.65	1638.00	3649.10	2815.82
20	Narmada Gudamalani WS Project	16000.00	5490.50	3185.71	476.94	1500.00	1500.00
21	Barmer Lift Project Ph-II Part-B (Cluster 68 villages)	12500.00	5880.00	3340.54	1006.57	4958.10	3906.86
22	Umed Sagar Dhawa Samdri Khandap	57546.00	6148.90	3741.19	3020.01	3000.00	3000.00
23	RWSSRGLC RD 134 Dewania Nathrau Kanodiya 54 Mile Chordiya Shergarh Chaba Project Part-II Distt. Jodhpur	23446.00	8030.00	4809.65	1697.53	2701.00	2701.00
24	GagreenWS Project	35148.00	14361.17	7290.30	5596.98	11000.00	10878.26
25	Multi Village Water Supply Project from Surwaniya Dam	14100.00	6827.11	5704.08	5129.99	4342.40	1727.74
26	RWSS Shiv Teh. Of Barmer Distt. From Narmada (205 village)	61079.00	29737.25	6963.59	1661.63	3000.00	3000.00
27	Barmer Lift Project-II, Part-A	20236.00	9652.93	2492.64	458.81	2100.00	2100.00

Sr. No.	Project Name	Project Cost	NABARD Loan	Total Exp. Up to March, 2016	Budget outlay 2015-16	Kept outlay 2016-17	Usable Budget against balance loan in 2016-17
28	Nagaur Lift Project, Ph-II (CDS-5, Pkg-8)	293800.00	8111.34	1622.27	2635.00	1325.90	1000
29	Banswara Pratapgarh W.S. Project	56000.00	27900.49	8461.80	7018.40	3000.00	3000.00
30	RWSS Gathore-Kanasar-Bap from RGLC	8895.00	4050.00	3018.76	3732.62	1689.02	1586.52
31	RWSS Panchala Ghewra Chirai	39663.00	20251.00	6748.94	5207.74	2000.00	2000.00
	Total	1394093	384170.22	233273.17	111526.30	81195.44	68453.81