

Performance Report of Kerala Water Authority for the year 2014-15

During the year 2014-15 , GoK had provided a budget allocation of Rs. 56680.00 Lakhs under state plan schemes and Rs. Rs. 25416.14 Lakhs under Non Plan schemes. Against the net budget provision of Rs.56680.00 Lakhs under State plan head , GoK has released Rs. 28338.72 lakhs to KWA. Out of the available fund including opening balance , KWA had incurred an expenditure of Rs. 38329.75 Lakhs for the implementation of the different schemes. (Details are given below). In addition to this GoK had released Rs. 23,411.35 Lakhs as Non- Plan Grant to KWA against the the net Budget provision of Rs. 25416.14 Lakhs and KWA had utilized Rs.22,516.14 Lakhs for payment of Salary , other establishment expenses, O &M and power charges and Rs. 454.55 Lakhs for Non Plan Schemes.

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
1	Survey & Investigation (2215-01-190-99-01)	75.00	75.00	50.00	34.62	AS issued for Rs.20.10 lakhs.
2	Training, Quality Control, Research & Development (2215-01-190-99-02)	100.00	100.00	75.00	64.75	49 training courses with 1731participants was conducted
3	Sewerage schemes (2215-02-190-99-01)	500.00	500.00	250.00	114.51	FS issued for Rs. 693.65 lakhs during 2014-15. Works in progress.Laying of sewer lines and construction of manholes in the various blocks of Thiruvananthapuram Sewerage scheme- in progress.
4	WSS to Medical College Hospitals (2215-01-190-99-03)	75.00	75.00	75.00	58.41	Erection trial run and commissioning of one submersible set (35 HP) and one centrifugal pump set (35 HP) at new PH at Medical College, Trivandrum carried out. Erecting submersible pumpset at Poovathumoodu in Kottayam MC carriedout.
5	Other Urban WSSs, Improvements & Rehabilitation of existing Schemes (2215-01-190-99-04)	600.00	600.00	400.00	466.02	AS issued for Rs. 698.28 lakhs during the year 2014-15 . Works on the schemes are in various stages of implementation. The major components taken up include interconnection works, laying new pipe lines (extension of pipe lines), supply, erection and commissioning of pumpsets , electrical works, construction of OH tank,etc. for the major works in WSS to Anakayam, Thrikkakkara, Chittur-Thathamangalam, Kottayam Municipality, Shornur,Attingal Municipality,Kuttanellur,Kalamassery,Aluva & Koyilandy Municipalities, Irinjalakkuda , Kothamangalam, Vaikom, Nedumangad etc .

(Rs. in Lakhs)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
6	Other Rural WSSs - improvements to existing schemes (2215-01-190-99-07)	600.00	600.00	600.00	543.29	AS issued for Rs. 771.74 lakhs during the year 2014-15. Works on the schemes are in various stages of implementation. The major components taken up include interconnection works, laying new pipe lines (extension of pipe lines), supply, erection and commissioning of pumpsets , electrical works, construction of OH tank,etc. for the major works in WSS to Vazhakkulam-Kizhakkambalam, Thrikkariyur,Elanji, Choornikkara, Urakom-Vengara, Azhoor-Kizhuvalam, Pooyappally panchayatsetc
7	WSS to Sabarimala (2215-01-190-99-10)	100.00	100.00	100.00	99.30	Supplying and laying 150mm GI pipe from Saramkuthy to Marakkoottam - Completed. Supplying and laying 150mm GI pipe from Pampa Police Dormitory to Cheriyanavattom- Completed. Gas Chlorinator at Neelimala bottom pump house - Completed. DI pumping main 80 % completed. pump and sump house- completed Distribution system- work completed Electrification- work completed All works completed and scheme commissioned.
8	Computerisation of Billing & Collection System Phase I (2215-01-190-98)	75.00	75.00	50.00	7.65	In phase I, fund utilised for procurement of computers, accessories, power back up devices, printers etc at Head office, regional offices, circle offices and IPD divisions and for training. Computers used for documentattion purpose, preparation of sophisticated reports, design purpose etc.
9	Computerisation - RGNDWM. &Computerisation of KWA officers - Phase-II (2215-01-190-97)	75.00	75.00	50.00	45.69	In 2nd stage of Phase I, KWA purchased computer hardware and peripherals. Server and two personal computers each with UPS and peripherals were provided to selected divisions located in Head Quarters and one or two personal computers each with peripherals to remaining divisions. in the phase II, all offices upto sub divisions are equipped with hardware and

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
11	Documentation of Project Data by KWA (2215-01-190-91)	100.00	100.00	75.00	31.33	software. KWA provided computer hardware peripherals and UPS covering 192 physical locations consisting of 436 offices. KWA established video conferencing facility between MD's office, Regional offices, circle offices and division offices. Also digitilisation of consumer data was implemented so as to roll out the state of art centralised billing and revenue collection sytem wherein all transactions shall be centralised at Trivandrum data centre.
12	Completion of Rural WSS other than ARWSP Schemes (2215-01-102-99)	500.00	500.00	0.00	203.72	Activitiesinclude 1. WSS to Irrikkur villages charging and commissioning of distribution sytem of zone I Peruvalathuparamba Chooliyad line done. OH tank connection - Balance work at Peruvalathuparamba carried out. 2. ARWSS TO Panavoor, Pullampara and Vembayam Pts - Commissioning of the scheme - Charging of pipe from SN Puram - Attinapura - Panayamuttom - Replacing the existing 200mm AC to 200mm PVC/DI/CI pipe 3. ARWSS to Lalam - Vallichira - Construction of 6m dia well cum pump house at Kadapattoor, construction of filtration gallery attached to well 4.RWSS to Karukutty Mookkannoor Panchayath - Providing water supply to Vellappara link road area . Expenses met from previous year balance.
13	NABARD Assisted RWSS (4215-01-102-98-01)	8220.00	8220.00	6460.00	4736.73	RIDF XIV - Out of 36 schemes,24 schemes are completed. Two schemes partially completed. Remaining schemes ongoing. RIDF XVI -Schemes are ongoing (25 schemes). RIDF XVII -2 major schemes and 52 Endosulphan schemes are ongoing. RIDF XVIII-10 schemes are ongoing. RIDF XIX- AS obtained for Rs. 12854 lakhs in 2014-15.
14	Technology Mission Schemes 25% & 50% State share (2215-01-190-99-13)	500.00	500.00	500.00	570.38	The schemes are in various stages of execution.

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
15	Guruvayur Drainage Scheme - Special Assistance (2215-02-105-92)	250.00	250.00	200.00	377.29	Civil work almost Completed except some finishing works, Mechanical works. Man hole construction completed. Laying new PVC sewer lines and manholes 110 mm to 315 mm PVC sewer pipes 4 Kg (SN4) - completed. Manhole fitted-168 nos. MH casted(1m-245 nos.) (1.5m-84 nos). Repair and maintenance of collecting sumps and pump house completed. Work order issued for supply, erecting and commissioning of pump sets - 12 Nos motor supplied. erection in progress. Power line extension works - completed. Supply and installations of diesel generators for pumping stations- completed Procurement for cleaning sewer equipments and sewer bowzer of 3T capacity - tender cancelled due to high rate
16	State Water Quality Referral Institute at Aluva (Special Assistance) (2215-01-800-79)	100.00	100.00	50.00	2.79	As part of providing electric supply for meter testing lab amount paid to KSEB for setting up of transformer. 4 nos. UV Spectro photometer procured. 50% advance paid to BHEL for supplying installation and commissioning of diesel generator at SRI. Purchase of chemicals and hardware completed. Calibration of equipment under progress.
17	Manufacturing units for Bottled water (2215-01-190-96)	1.00	1.00	0.00	5.18	order issued to M/S KITCO to prepare revised DPR at a cost of Rs. 9.00 Lakhs + tax as per Board Resolution.

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
18	Rural Water Supply Scheme (old and new) 2215-01-102-81	6360.00	5808.00	2883.72	3997.60	<ol style="list-style-type: none"> 1. Drinking Water Supply Scheme to Cheekode and Adjoining Villages - WSS to Feroke-karuvanthuruthy villages in Feroke Panchayat- laying distribution systems 2. Parassala & Kumarakom WSS 3. WSS to Erumeli Panchayath 4. Drinking Water Supply Project for Kilimanoor, Pachayakunnumel and Madavoor Villages 5. Drinking Water Supply project for Vithura and Tholicode 6. Comprehensive Drinking Water Supply in Harippad 7. Drinking Water Supply project for Vazhiparamba, Mathrumala replacement 8. Water Supply Scheme to Lakkattoor 9. WSS to Anakkallu 10. WSS to Parathodu 11. WSS to Thevarupara 12. WSS to Mundakkayam 13. WSS to Koruthodu 14. Water Supply Scheme to Vengara and adjoining Panchayaths
19	Setting up of PVC pipe factory (2215-01-190-95)	1.00	1.00		3.78	M/S HLLis requested to submit the modified Project proposal before KWA Board.also M/S HLL reminded to submit the same as early as possible. M/S HLL life care ltd has not submitted the revised project report in spite of repeated reminders.
20	Completion of ongoing Urban Water Supply Schemes- Special package (2215-01-101-98)	4500.00	3800.00	2400.00	1478.93	<p>17 schemes taken up under the head. 5 completed. WSS to Kuthuparamba - Supply, erection & commissioning of 200 KVA transformer and allied works Laying distribution network in Kuthuparamba for zone II in progress.</p> <p>WSS to Pattiam and Kottayam CT clear water gravity main Vattappara Jn to GL tank at Asarikunnu - Balance work completed</p> <p>UWSS to Ollur and Edakkunnu census towns in Thrissur Corporation - Package III - Supplying, laying, jointing and commissioning of 350mm to 600mm DI K9 distribution main 5320m in progress. Remaining works are under various stages of execution.</p>

(Rs. in Lakhs)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
21	Energy conservation measures and rehabilitation of obsolete pumps and motors and other electrical installations (2215-01-800-65)	250.00	250.00	150.00	71.90	AS issued for Rs. 16.9 lakhs. Works being arranged
22	Accelerated Rural WSSs -50% State share (2215-01-190-99-18)	6500.00	6500.00	0.00	2617.95	13 schemes completed and 2 schemes completed under sustainability,.All remaining schemes are under various stages of implementation.
23	SAARK 2010-11 (Special Assistance Against Recession in Kerala) (2215-01-800-60)	298.00	1550.00	1550.00	1419.50	Improvement of WSS to Venniyur HL zone of Tirurangadi Pt - Supplying, laying, testing and commissioning of 140mm PVC 10 Kg/cm2 - Clear water pumping main from Kakkad sump to Venniyur OH Reservoir-completed. ARWSS to Munniyur/ Thenhipalam/ Chelembra / Peruvallur villages - Relaying of existing 125mm AC damaged pumping main common for University and Kakkanchery zone with 160mm PVC pipes of Class 12.5 Kg/Sq cm and 10 Kg/Sq.Cm-completed. Improvements to WSS to Kondotty & Nediyrrippu villages - Supplying & laying 350mm, 300mm DI K9 pipes for pumping main and gravity main and construction of 188LL capacity GLSR-in progress
24	WSS to Malabar Cancer Centre ,Thalassery (2215-01-800-59)	50.00	50.00	20.00	0.00	Work tendered no response. Alternate proposal approved by Malabar Cancer Centre. Deviation proposal submitted. DER submitted to SE.
25	Replacement of old pipes of existing WSS (2215-01-190-94)	9500.00	9500.00	6200.00	9783.66	AS issued Rs.11389.99 lakhs during 2014-15..Major works include replacement of old Premo/AC pipes in Kasargod,Kannur,Tirur, Vatakara, Thalassery, Guruvayur-Kunnamkulam Kottayam & Varkala Municipalities , Fort Kochi-Mattancherry, Kumarakom,Vazhakkulam-Kizhakkambalam and Kunnathunadu panchayats, Thodupuzha, Thiruvalla-Changanacherry, Aruvikkara,etc. These works are under various stages of execution.

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
26	Renovation of old Water Treatment Plants (2215-01-190-93)	250.00	250.00	150.00	55.11	21 works are completed. Others are in various stages of implementation.
27	Renovation of Existing Civil structures owned by KWA (2215-01-190-92)	700.00	700.00	600.00	545.45	FS issued for Rs. 924.9 lakhs. Renovation of civil structures (KWA office buildings, guest houses) in Kochi, Kottayam , Palakkad, Kozhikode etc- under various stagesof implementation.
28	NRW Managamant by KWA (2215-01-190-90)	300.00	300.00	150.00	19.20	Projects under NRW management include 1. Water Audit in Trivandrum, Kochi, Kottayam, Kasaragod and Nedumangad. 2. 24 x 7 water supply in Peroorkada zone of Thiruvananthapuram. 3. Bulk metering for all major schemes in KWA. 4. SMART metering for consumers with consumption above 500 KL per month. 5. Replacement of meters of all ND and part of D consumers in Kowdiar with FCRI certified meters. 6. Pump house Automation - Pilot study. 7. Desalination programme. 8. Baseline survey for assessing service level for KWA. 9. Miscellaneous work.

(Rs. in Lakhs)

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
29	Innovative Technologies (Desalination in kuttanadu) (2215-01-190-89)	400.00	400.00	200.00	2.23	<p>1. AS No. WS/66/2012-13 dated 08/11/2012 issued for Establishing Mobile based WTP with RO units at Sabarimala and other festive locations/disaster prone/quality affected area in the state for providing clean and safe drinking water in pocket pouches, cans/ containers to the pilgrims, devotees and others for an amount of Rs. 2.5 crores.-Retendered twice- no response.</p> <p>2. AS No. WS/90/2012-13 dated 05/02/2013 Manufacture and supply, fixing and commissioning of 5000 and 10000LPH capacities skid mounted and movable and microwater TP for an amount of 42 lakhs.- work completed. trial run in progress</p> <p>3. AS No. WS/85/2012-13 dated 02/01/2013 design, Manufacturing , supply, erection and commissioning and testing of GSM based water level monitoring system for Peppara Dam and Aruvikkara Dam for an amount of 19.745 lakhs- no further action</p>
30	CWSS to Kalliyoor Venganoor Vizhinjam (4215-01-101-99-(01))	0.00	0.00	0.00	0.00	<p>for the clear water Pumping main /transmission main--work tendered. Agreement executed. Pipe laid in WTP Vandithadam portion.</p> <p>GL tank- tanks at KS road and Peringamala- agreement executed. Pipe laid in Kakamoola-WTP stretch. Kovalam, Azhakulam and Mukkola work retendered. Tender under scrutiny</p>
31	Modernisation of Water Supply Scheme (4215-01-800-95)	200.00	200.00	0.00	0.00	Action being initiated
32	Investment in major Capital projects (Water supply) (4215-01-800-96)	400.00	400.00	0.00	0.00	AS issued for two works viz: Interim Augementation of WSS to Kochi city (Part I Phase I) for Rs 23853 lakhs and kollam WSS -providing additional source from kallada river at kadapuzha for Rs. 1450 lakhs.
33	Projects under LAC ADF (4215-01-800-93)	100.00	100.00	100.00	100.00	Action being initiated for various schemes.

(Rs. in Lakhs)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Achievement
34	5% Earmarked Quality Fund for water Quality affected habitation	0.00	0.00	0.00	66.69	Out of the six schemes sanctioned one scheme is completed in 2014-15 and remaining five schemes are in progress. Expenditure met from savings from other head.
35	JBIC assisted Kerala Water Supply Project (6215-01-190-98)	15000.00	15000.00	5000.00	10486.33	1. Thiruvananthapuram Scheme- Partially commissioned in May 2010. Full commissioning proposed by 2015. 2. Meenad Scheme- Partially commissioned in february 2011. Full commissioning proposed by 2015 3. Cherthala fully commissioned in January 2012. 4. Kozhikkode Scheme-Partially commissioned in 2015. 5. Pattuvam Scheme -Partially commissioned im March 2013. Full commissioning proposed by 2015.
36	Drought Relief Works sanctioned by Government of Kerala (2215-01-800-84)	0.00	0.00	0.00	319.76	Expenditure met from savings from other head.
	TOTAL PLAN FUND	56680.00	56680.00	28338.72	38329.76	
	NON PLAN GRANT					
1	Grant in aid to Salary & Non Salary	22516.14	22516.14	22516.14	22516.14	Establishment purpose
2	Projects under LAC ADF (4215-01-800-93)	2900.00	2900.00	895.21	400.00	18 schemes completed . 15 schemes are under various stages of progress.
3	Construction of Balikkadavu at Aruvikkara Dam site (4215-01-800-94)	0.00	0.00	0.00	54.55	AS received vide GO(Rt) 371/2013/WRD dated 02/04/2013 and WS/43/2013-14 dated 26/06/2013 of the MD, KWA. TS issued vide TS No. KWA/CE(SR)/12/2013-14 dated 31/07/2013. Estimate amounting to Rs. 120 lakhs. Work in progress 60% completed. Expenditure met from previous year balance
	TOTAL NON PLAN FUND	25416.14	25416.14	23411.35	22970.69	
	GRAND TOTAL	82096.14	82096.14	51750.07	61300.45	

Managing Director