

## Performance Report of Keral Water Authority for the year 2013-14

During the year 2013-14 , GoK had provided a budget allocation of Rs. 65380.03 Lakhs under state plan schemes and Rs. Rs. 19864.90 Lakhs under Non Plan schemes. Against the net budget provision of Rs. 65,380.03 Lakhs under State plan head , GoK has released Rs. 51,501.00 lakhs to KWA. Out of the available fund including opening balance , KWA had incurred an expenditure of Rs. 47,955.55 Lakhs for the implementation of the different schemes. ( Details are given below ). In addition to this GoK had released Rs. 19,864.90 Lakhs as Non- Plan Grant to KWA against the the net Budget provision of Rs. 19,864.90 Lakhs and KWA had utilized the full amount for payment of Salary , other establishment expenses, O &M and power charges.

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
1	Survey & Investigation (2215-01-190-99-01)	50.00	50.00	62.05	DERs & PERs of various projects are under various stages of preparation. Tender under processing for purchase of survey equipments. price bid for purchasing total station under process.
2	Training, Quality Control, Research & Development (2215-01-190-99-02)	100.00	100.00	100.00	87 inhouse training courses 2797 with participants was conducted till 03/2014 Also out side training programme and workshops were conducted.
3	Sewerage schemes (2215-02-190-99-01)	500.00	500.00	184.88	TSS Melarannor, the work is in final stage.
4	WSS to Medical College Hospitals (2215-01-190-99-03)	75.00	75.00	0.00	<p>1. AS for Rs.25 lakhs has been issued for Impt. works of WSS to Medical College, Kottayam.Pump house renovation completed.Supply and erection pump set completedCompleted. Power enhancement at pump house completed. transformer installed and charged by KSEB.</p> <p>2. AS issued for Rs.12 lakhs for works of WSS to Kozhikkode M.C.The supply and erection of 2 nos 15 HP pumpsets and 1 no.30 HP pumpset erected.Balance work to be tendered.Water SS to KKD-providing new inlet-etimate under prreparartion erection of pump set- work in progress erection of nonreturnn valves- to be arranged</p> <p>3. AS issued for Rs. 34 lakhs for the construction of new sump cum pumphouse for WSS to MCH, Trivandrum during 2009-10. Works are being arranged.</p> <p>4.AS for Rs.75 Lakhs issued for WS to Co-operative Medical College at Kalamassery, Kochi.</p>

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
5	Other Urban WSSs, Improvements & Rehabilitation of existing Schemes (2215-01-190-99-04)	600.00	600.00	557.46	works are being carried out for UWSS.
6	Other Rural WSSs - improvements to existing schemes (2215-01-190-99-07)	600.00	600.00	766.73	Works for rehabilitating old RWSS schemes are being carried out.
7	WSS to Sabarimala (2215-01-190-99-10)	100.00	100.00	131.37	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. Other works - to be arranged. DI pumping main 80 % completed. pump and sump house- 70% completed Distribution system- work stopped due to festival season and is in progress. Electrification- work in progress.
8	Computerisation of Billing & Collection System Phase I (2215-01-190-98)	75.00	75.00	1.38	Spot billing system in centres other than Thiruvananthapuram is in progress. The centralised billing and collection system implemented in Thiruvananthapuram and is in rollout phase to entire revenue offices of KWA in the state. The rollout procedure is in progress. Network survey completed. Tender procedure of Networking for roll out of pilot network to all KWA offices completed, work awarded and started. The process of enhancement of ABACUS by including additional modules was started with the help of NIC. Printer for revenue section 28 No- paid. Palm print machine for spo billing of water charges to revenue office under PH Division TVM- 119 No.-paid

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
9	Computerisation - RGNDWM. & Computerisation of KWA officers - Phase-II (2215-01-190-97)	75.00	75.00	67.12	Pilot network system in Thiruvananthapuram with MIS Modules, ABACUS, EIS, FAS, complaint redressal system, E-tendering system are completed and is launched. The process of rollout of pilot Network to entire KWA offices is in progress. The requirement survey for KWA-WAN has completed and tender evaluation process completed and work started. payment made for PC 46 No. Printer for various pipes 1+16 Nos=17 nos.
10	Completion of Rural WSS other than ARWSP Schemes (2215-01-102-99)	600.00	600.00	360.86	Action taken to complete the ongoing schemes and for clearing the payments.
11	NABARD Assisted RWSS (4215-01-102-98-01)	6000.00	6000.00	8427.70	For RIDF XIV - Out of 36 schemes, 24 schemes are fully completed and 1 scheme partially completed. Remaining 17 schemes ongoing. For RIDF XVI - Schemes are ongoing (25 proposals). RIDF XVII - 2 major schemes and 52 Endosulphan schemes are ongoing. RIDF XVIII-10 schemes are ongoing.
12	Technology Mission Schemes 25% & 50% State share (2215-01-190-99-13)	500.00	500.00	943.58	The schemes are in various stages of execution.

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
13	Guruvayur Drainage Scheme - Special Assistance (2215-02-105-92)	200.00	200.00	130.24	<p>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) 11100m completed. 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 started. Power line extension works - work in progress. transformer for pumping station 1 fitted by KSEB. Supply and installations of diesel generators for pumping stations- construction of Generator room 1 not completed. Generator supplied. No. 2 and 3 supplied and fitted. Procurement for cleaning sewer equipments and sewer bowser of 3T capacity - tendered from circle office.</p>
14	State Water Quality Referral Institute at Aluva (Special Assistance) (2215-01-800-79)	100.00	100.00	39.54	<p>Upgradation of SRI- construction of new building for quality control district lab at Painav, Idukki- Building expected to be completed by August 2012. for setting up new laboratory building for pipe testing, material testing and advanced water analysis. Consultation charges- DER preparation at WASCON. Setting up of water Meter testing lab at SRI, Nettoor- Building work Completed in 2011.</p>
15	Manufacturing units for Bottled water (2215-01-190-96)	100.00		5.06	<p>order issued to M/S KITCO to prepare revised DPR at a cost of Rs. 9.00 Lakhs + tax as per Board Resolution.</p>

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
16	Drinking Water Supply Scheme to Cheekode and Adjoining Villages - WSS to Feroke-karuvanthuruthy villages in Feroke Panchayat-laying distribution systems (2215-01-102-98)	200.00	200.00	4.03	Package I. Laying Distribution lines in Zone I & II (250,200,160,140,110 mm PVC & 150,125,100,20 mm GI pipe-11.40 km), Package II. Laying Distribution lines in Zone III & IV (355,250,160,140,110mm PVC & 150,125,100,20mm GI pipe -12.46 km) Package III.Laying Distribution lines in Zone V (355,160,140,110mm PVC & 150,125,100,20mm GI pipe -3.03 km) and Package IV. Laying Distribution lines in Zone VI (355,250,200,160,140,110mm PVC & 150,125,100,20mm GI pipe -11.12 km)-38 Km Work in progress. Bottleneck-Railway crossing permission to be obtained. targetted date of completeion- 09/2014
17	Setting up of PVC pipe factory (2215-01-190-95)	25.00		0.00	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.
18	Completion of ongoing Urban Water Supply Schemes- Special package (2215-01-101-98)	4500.00	4000.00	1805.97	Works of the ongoing schemes are in various stages of implementation.
19	Energy conservation measures and rehabilitation of obsolete pumps and motors and other electrical installations (2215-01-800-65)	200.00	200.00	110.21	Works being arranged
20	Accelerated Rural WSSs -50% State share (2215-01-190-99-18)	5500.00	5500.00	2725.34	8 schemes were completed. Other ongoing schemes are under various stages of implementation.
21	New capital schemes(	1500.00	1500.00	1880.94	

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
	Parassala & Kumarakom WSS) (2215-01-102-97)				<p>1. Parassala scheme-</p> <ul style="list-style-type: none"> <li>* Intake arrangements completed.</li> <li>* Plant at Kalippara completed not commissioned.</li> <li>*for WTP at Vandichira and CWTM work to be tendered.</li> <li>*deviation proposal approved for TP at kumily. DER not submitted for sanction. PKG for Kanjiramkulam work tendered with due date 08/04/2014</li> <li>*RWPM pipe laying work 98 % completed.</li> <li>*Estimate for replacing old pipes to be prepared.</li> <li>Raw water pump and pump house- work in progress 85% completed.</li> <li>CW pump house- estimate to be prepared.(Land acquisition work in progress). work of TM - pipe supply in progress, pipe laying work in progres 65% completed.</li> <li>OH and GL Tank - tender for the Thevarupara sump .work in progress 50% completed. For tank at Thoongapara- tendered with due date 09/04/2014.</li> <li>for other tanks estimate to be prepared.</li> <li>Distribution sys- for Marukil maranalloor villages tendered with due date 09/04/2014. estimate for replacing old AC lines is to be prepared.</li> <li>Electrification- to be arranged.</li> <li>Pump erction-tendered with due date 20/04/2014, tender sanctioned. work oredr issued</li> <li>Power connection- Power line astension work completed by KSEB.</li> <li>Land for WTP at Vandichira, sump, OHSR and GLSR to be received from Panchayat.</li> </ul> <p>2. Kumarakom scheme .</p> <ul style="list-style-type: none"> <li>Pkg I RWPM-400mmDI-98% completed except railway crossing .</li> <li>Pkg II- RWPM-450mm HDPE-4170m laid copleted.</li> <li>Pkg III TP-completed.</li> <li>Pkg 4 CWPM-.deviation proposal submitted to SE</li> <li>Pkg5 CWPM-250mm dia.,10 lac. ltr OHSR &amp; distribution line.-5000 m laid.</li> <li>Pkg 6 CWPM-300mm dia 10 lac. ltr OHSR- pilling work almost completed. 3000m laid.</li> <li>Pkg 7.Renovating existing distribution system in Kumarakam -completed.</li> <li>Pkg 8 Renovating existing distribution system in Thiruvappu . estimate submitted to SE.</li> <li>Pkg9- Power enhancement-Estimate under preparation.supply &amp; errection C/N P/S-2 nos 40 HP C/F-pump supplied.</li> </ul>

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
22	SAARK 2010-11 (Special Assistance Against Recession in Kerala) (2215-01-800-60)	200.00	200.00	684.58	AS issued from GoK. Works of all schemes are in progress
23	WSS to Malabar Cancer Centre ,Thalassery (2215-01-800-59)	100.00		0.00	Work tendered no response. Alternate proposal approved by Malabar Cancer Centre. Deviation proposal submitted. DER submitted to SE.
24	WSS to Erumeli Panchayath (2215-01-102-96)	325.00	325.00	896.55	Land acquisition - Documentation almost completed. PKG I Intake Well- Excavation completed. PKG II RWPM - 5000 m pipe supplied. PKG III TP- earth moving started PKG IV CWPM - revised estimate based on 2012 SoR submitted to SE for comparison. PKG V- Sump cum Boosting station- Tender opened and under scrutiny in Circle office. PKG VI- Distribution- estimate under preparation PKG VII- Construction of CWPM from TP site- Estimate submitted to SE(SR). PKG VIII- Distribution from TP to OHSR- Estimate under preparation. PKG IX(A)- CWPM 250mm DI K9- Estimate submitted to SE(SR). CWPM to OHSR- estimate under scrutiny
25	Replacement of old pipes of existing WSS (2215-01-190-94)	9000.00	8000.00	7038.66	Administrative sanction received for 13 works from GoK  AS issued Rs. 14560 lakhs from GOK and KWA till date.
26	Renovation of old Water Treatment Plants (2215-01-190-93)	250.00	250.00	101.15	16 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	500.00	311.13	FS issued .Action being taken to issue AS for individual works.FS issued for Rs. 250.00 lakhs for 40 works under Northern region during 2012-13

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
28	Drinking Water Supply Project for Kilimanoor, Pachayakunnumel and Madavoor Villages (2215-01-102-95)	600.00	600.00	667.11	Intake structure- agreement executed . work in progress. 40% completed. TP- work in progress -work completed. PM/Gravity main(raw water) -pipe supplied, laying work in progress, 30% completed Sump and Pump house - work completed. PM/TM(clear water)- pipe supply in progress GL Tank- for GLSR at Kadalkanikunnu- work started. For kailasamkunnu- work in progress, 90 % completed. Thattathumal sump work completed. Distribution system - for zone 2. -pipe supplied, laying work in progress, 90% completed for Zone 3 -pipe supplied, laying work in progress, 96% completed For Zone I Pipe supplied. laying in progress 40% completed. Electrification, pump erection and power connection - estimate under scrutiny in CE's office KSTP road cutting sanction to be received.
29	Drinking Water Supply project for Vithura and Tholicode (2215-01-102-94)	500.00	500.00	97.39	Detailed estimate of various package I - well cum pump house and RWPM- Agreement executed Package 4- Distribution sys from thavakal tank -estimate under scritiny in SE's Office for Pkg 2 WTP -work in progress 40% completed. Pkg 3- CWPM and OHSR at Thavakal - agreement executed Pakage 5,6,7,8- detailed estimate to be submitted. Earth work for Tank is in progress. Land Acquisiton for Thottumukku OHSR is in progress.
30	Documentation of Project Data by KWA (2215-01-190-91)	150.00	150.00	42.08	AS to be issued.
31	Comprehensive Drinking Water Supply in Harippad ( 2215-01-102-91)	200.00	200.00	0.00	DER for phase I- Part I submitted. Phase I - Part II investigation work in progress. Phase II survey work of two panchayath completed. survey work of other panchayath in progress.

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
32	Drinking Water Supply project for Vazhiparamba, Mathrumala replacement (2215-01-102-90)	30.00		34.52	AS issued on 31/03/2012. work completed
33	Water Supply Scheme to Lakkattoor (2215-01-102-89)	25.00	25.00	0.00	AS issued on 31/03/2012. Work order issued.work in progress
34	NRW Managamant by KWA (2215-01-190-90)	300.00	300.00	69.78	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.
35	Innovative Technologies (Desalination in kuttanadu) (2215-01-190-89)	500.00	200.00	87.06	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. 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 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.

SI No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
36	WSS to Anakkallu (2215-01-102-87)	10.00		0.00	Proposals to be prepared
37	WSS to Parathodu (2215-01-102-86)	10.00		0.00	Proposals to be prepared
38	WSS to Thevarupara (2215-01-102-85)	10.00		0.00	Proposals to be prepared
39	WSS to Mundakkayam (2215-01-102-84)	10.00		0.00	Proposals to be prepared
40	WSS to Koruthodu (2215-01-102-83)	10.00		0.00	Proposals to be prepared
41	CWSS to Kalliyoor Venganoor Vizhinjam (4215-01-101-99-(01))	200.00		0.00	For the clear water Pumping main /transmission main- estimate resubmitted OH tank- Estimate resubmitted land for OHSR at KS road peringamala and vandithanam to be handed over by the panchayath/corporation
42	Modernisation of Water Supply Scheme (4215-01-800-95)	200.00		0.00	Proposals to be prepared
43	Water Supply Scheme to Nehru Trophy, Poonthope and Chathanad areas in Alappuzha Municipality (2215-01-101-99) (Scheme mentioned in budget only)	0.00		12.49	2 NosTube well completed and commissioned. Pumping main, Extension- Tender under scrutiny. Pumpsets-52 Nos completed,1 No to be arranged.
44	Water Supply Scheme to Vengara and adjoining Panchayaths (2215-01-102-88) (Scheme mentioned in budget only)	0.00		13.08	Tender for PM and Distribution main are scrutiny. AS issued on 28/03/2012. Works being arranged. pumset ordered.
45	New DWSS under Anti Recession stimulus package (4215-01-800-98)	0.01		0.00	Action being initiated
46	Prioroty projects identified by MLA's(Water supply) (4215-01-800-97)	0.01		0.00	Action being initiated
47	Investment in major Capital projects (Water supply) (4215-01-800-96)	0.01		0.00	Action being initiated

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Release during the year	Actual Expenditure	Achievement
48	Construction of Balikkadavu at Aruvikkara Dam site (4215-01-800-94)	150.00	150.00	0.00	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 awarded
49	Projects under LAC ADF (4215-01-800-93)	300.00		240.00	Work started for Water Supply Schemes in Kalamassery, Piravom, Thodupuzha and Aruvikkara Constituencies .
50	5% Earmarked Quality Fund for water Quality affected habitation	0.00		41.44	Government of India has announced 5% Earmarked fund for water quality affected habitations. This fund is over and above the normal allocation under NRDWP. During 2013-14, 6 schemes were sanctioned for a total project cost of Rs. 1377.67 lakh under the category. The funding pattern between Central and State is 50:50 for all these schemes. All the five schemes sanctioned are in progress.
51	JBIC assisted Kerala Water Supply Project (6215-01-190-98)	30000.00	19126.00	17939.35	1. Thiruvananthapuram Scheme- Partially commissioned in May 2010. Full commissioning proposed by June 2015. 2. Meenad Scheme- Partially commissioned in february 2011. Full commissioning proposed by June 2015 3. Cherthala fully commissioned in January 2012. 4. Kozhikkode Scheme-Partially commissioning proposed in June 2014.Full commissioning proposed by June 2015. 5. Pattuvam Scheme -Partially commissioned im March 2013. Full commissioning proposed by December 2014.
52	Drought Relief Works sanctioned by Government of Kerala ( 2215-01-800-84)	0.00	0.00	1374.72	The expenses are met from savings from other state plan schemes.
	<b>TOTAL PLAN FUND</b>	<b>65380.03</b>	<b>51501.00</b>	<b>47955.55</b>	
53	<b>NON PLAN GRANT</b>	<b>19864.90</b>	<b>19864.90</b>	<b>19864.90</b>	
	<b>GRAND TOTAL</b>	<b>85244.93</b>	<b>71365.90</b>	<b>67820.45</b>	

Managing Director