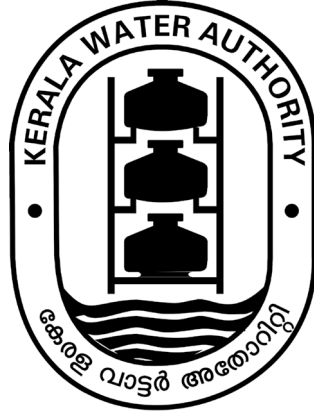


KERALA WATER AUTHORITY



PERFORMANCE REPORT

FOR THE YEAR
2022-2023

Jala Bhavan, Thiruvananthapuram-695 033
Phone: 2322797 Fax: 91 471 2324903
website: kwa.kerala.gov.in





Annual Performance Report of Kerala Water Authority for the year 2022-23

During the year 2022-23, GoK had provided a budget allocation of Rs. 85675.00 Lakh under State Plan schemes and Rs. 37316.13 Lakh under Non Plan schemes. Against the net budget provision of Rs.175432.96Lakh under State plan head,GoK had released Rs. 175336.41 Lakh to KWA (99%). As per triparty agreement GOI released an amount of Rs. 220654.08 Lakh directly to KWA for Centrally Sponsored Schemes.

Out of the available fund including opening balance and from own fund, KWA had incurred an expenditure of Rs. 187976.63 Lakh for the implementation of the different schemes. (Details are given below). In addition to this GoK had released Rs.19066.81 Lakh as Non- Plan Grant to KWA against the net Budget provision of Rs. 19067.30 Lakh and KWA had utilized Rs.18372.96 Lakh for payment of Salary, other establishment expenses, O &M and power charges and Rs.458.19 Lakh for Non Plan Schemes.

(Rs. in Lakh)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
1.	MANUFACTURING UNITS FOR BOTTLED WATER (2215-01-190-96)	90.00	0.00	0.00	0.00	Work completed. As per GO No. (MS)17/20/WRD dtd. 28.02.2020 the Bottling plant handed over to Kerala Irrigation Infrastructure Development Corporation (KIIDC) on lease and agreement executed on 05.05.2020.
2.	WATER SUPPLY SCHEME TO SPECIFIED INSTITUTIONS/ LOCATIONS (4215-01-800-90)	200.00	71.23	71.27	71.27	During 2022-23, 3 works were completed. They are listed below. 1. Providing a dedicated water supply line to EKNM W & C Govt. Hospital at Mangattuparamba along the sides of Dharmasala-Parassinikkadavu PWD road 2. Water supply to Agricultural University in Vellayani in Kalliyoor village 3. Providing water supply connection to Civil Sation Kadakkal During the period expenditure met for the following major works 1. WSS to Kozhikode Medical College. Repair works to old and new pumphouse at Medical College, Kozhikode. 3. Providing new water connection to Agricultural College in Vellayani. 5. CWSS to Pampa & Sabarimala - Replacing damaged pipe lines at Chandranandan road and Cheriyavattom bridge. 6. Supplying and erecting 1 no. centrifugal pumpset at old pumphouse of Calicut Medical college.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
3.	KERALA WATER SUPPLY PROJECT, JICA (ONE TIME SUSTENANCE SUPPORT UNDER STATE PLAN) (4215-01-800-88)	500.00	163.40	163.40	163.40	All works arranged in JICA have been completed. The balance works in Kozhikkode and Meenad Schemes are being arranged through JJM Expenses were met for the work WSS to Pattuvam and adjoining panchayath. Balance distribution network Phase-II.
4.	HUMAN RESOURCE DEVELOPMENT, RESEARCH & DEVELOPMENT AND QUALITY CONTROL (4215-01-800-91)	100.00	28.12	28.12	28.12	5448 KWA personals were trained in the 117 In-House Training programmes during 2022-2023. and 310 KWA Officials were nominated for attending the 24 Trainings conducted by Other Institutions. Total number of KWA Officials trained-including both In-House Training and Other Institutions in 141 programmes is 5758 Attachment Programme (Exposure Visit, followed by Interaction with MD) to IAS Officers of Kerala Cadre-2021 was conducted, as per directions received from Director, IMG. Online Training on IMIS was given. During the period expenditure met for the following major works. 1. Housekeeping work of Centre for Water Education (Training Centre) and hostel building for the 2018-19. CC 6th and Part bill. 2. Training on DDFS given to KWA Employees Statewide. 3. Procurement of Photocopier for Training Centre. 4. Charges towards the procurement of Network Peripherals and revamping of Desktop computers to Call Centre. 5. Payment towards "Upgradation training to Newly promoted Draftsman/Overseer to Assistant Engineers.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
5.	INNOVATIVE TECHNOLOGIES AND MODERN MANAGEMENT PRACTICES (2215-01-101-97(01))	100.00	23.38	23.38	23.38	<p>During 2022-23, 14 works were completed. Major works are listed below.</p> <ol style="list-style-type: none"> 1. RWSS to Pudussery - Supply and fixing of Automatic Meter Reading System with RF/GSM/GPRS Interface At PIF WTP and in Kanjikode Industrial areas. 2. Providing and fixing cast steel sluice gear operated/check valves in the CW pumping discharge headers at Nariparamba. 3. Supplying and fixing 6.6kv,400A, Vaccum Contactor with encloser including panel modification control wiring etc. complete for 6 Nos HT installations at 50 MLD WTP at Nariparamba. 4. ARWSS Amballor - Edakkattuvayal and Amballoor panchayaths - Supply erection commissioning and trial run of split case CF pumpset having discharge 45 lps against total head 70M at Pazhoor old pump house for pumping to Veliyanad OH tank and rewiring of pump house. 5. Augmentation of WSS to Tripunithura Municipality and adj Panchayaths-Providing CCTV security installation for KWA Choondy and Ramangalam compounds. 6. Providing Solar Panels on the Roof Top of 7.98 ML GLSR at Thirumala. 7. Supplying and fixing vaccum feed Chlorinator arrangement at Various Pump Houses. 8. Providing Solar Power plant in the Sub Division Office Building at Kalpetta. 9. Supply and installation of off grid inverter type solar power plant including 5 KVA or more capacity 120 V for P. H Sub Division , Piravom.

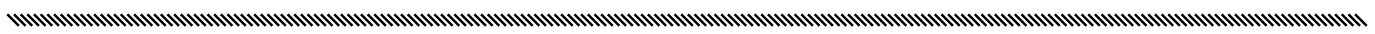


Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	INNOVATIVE TECHNOLOGIES AND MODERN MANAGEMENT PRACTICES (2215-01-101-97(01))					<p>10. Supply and installation of off-grid inverter type solar power plant including 5KVA or more capacity 120 V in WTP, Maneed for internal and external lighting.</p> <p>11. Installation of solar power plant in Haileyburia WTP for power generation for non-pumping activities.</p> <p>12. EMWSS – Remote access to production details of Aluva Head Works using transmitters.</p> <p>13. Providing CCTV security Installation for WTP (16 & 13.5 MLD), GL tank and pump house under Thirumala (mace) section, PTP Nagar under PTP Sub Division.</p> <p>14. Automation of Tubewell Pump Houses at</p> <p>a) Uliyakovil, RMO and Thirumullavaram (Rs. 0.61 L)</p> <p>b) Valiyamadam, Elavanthikulam, Panchayathuvila, KP Nagar, Mangadu in Killikolloor and Vadakkevila area.</p> <p>During the period expenditure met for the following major work.</p> <p>Procurement of Ez Fluro Rapid detection system with accessories such as vaccum pump, manifold, (filter assembly) coliform agar reagents, membrane and digital colony counter etc. for SRI QC Division, Trivandrum and QC Dn. Kozhikkode.-QCDL Thiruvnanthapuram, QCDL Alappuzha , QCDL Kollam .</p>



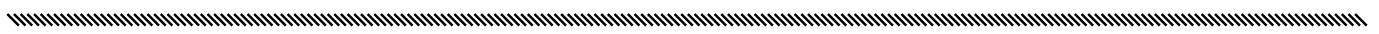
Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
6.	SURVEY & INVESTIGATION (2215-01-190-99-01)	110.00	71.44	71.44	71.44	<p>During 2022-23, 8 works were completed. Major works are listed below.</p> <ol style="list-style-type: none"> 1. Surveying and investigation work for New Distribution network and Pumping main in Parappanangadi Municipality-conducting topographical survey with DGPS and total station 2. Survey of New Distribution and Pumping main, at Tirurangadi Municipality for Enhancing water connection through various scheme 3. Survey & Investigation of distribution network in Panoor Municipality for a length of 280 km 4. CWSS to Kayamkulam& Arattupuzha - Conducting Digital Survey Work at various places in Kayamkulam Municipality for replacing old and dilapidated AC pipelines. 5. Augmentation of Water Supply Scheme to Piravom Municipality, Thirumarady, Pampakuda(part)Panchayath. 6. Surveying and fixing boundary of Aruvikkara reservoir area. 7. UWSS to Punalur Municipality-Phase I-Total Station Survey. 8. Survey and investigation for Augmentation of UWSS to Kottayam Municipality. <p>During the period expenditure met for the following major works.</p> <ol style="list-style-type: none"> 1. WSS to Ayarkunnam, Kooropada &Pampady Panchayath. 2. WSS to Thiruvegapura, Paradur and Muthumala Pts. Survey and investigation work by using total station and DGPS instrument.

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						3. WSS to Chengalayi Gpt. Survey work for transmission main and distribution system. 4. RWSS to Kareepra Gpt. In Kollam Dist. Providing distribution system - Topographical survey 5. WSS to Kulakkada - Pavithreswaram Panchayath. - Laying distribution lines, Surveying using Electronic Total station with double prism in normal terrain and normal traffic. 6. Augmentation of WSS to Kothamangalam Municipality and Nellikuzhy Pt. (Part)- Conducting Survey and investigation work. 7. WSS to Kottiyoor, Kelakam, Kanichar Pts. Survey work to Additional areas for distribution system in Kottiyoor, Kelakam, Kanichar Panchayath. 8. Water Supply Scheme to Kottakkal Municipality, Parappur, Edarikkode and Kodur Gpts. In Malappuram District - Conducting topographical survey with DGPS and Total Station.
7.	SEWERAGE SCHEMES OF KERALA WATER AUTHORITY (4215-02-190-99)	3005.00	1024.88	928.37	928.37	During 2022-23, 63 works were completed. Major works are listed below. 1. Replacement of old and obsolete sewage pumpset with dry well submersible pumpset 2 Nos. each at No 1 and No 7 sewage pump house related to the sewage treatment plant at Elamkulam, kochi- Supply, erection and commissioning of pumpset having a discharge of 57 lps against 19.5m head 4 Nos.



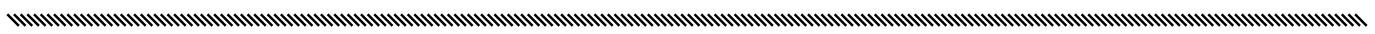


Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p style="text-align: center;">SEWERAGE SCHEMES OF KERALA WATER AUTHORITY (4215-02-190-99)</p>					<p>2. Procurement of sewer cleaning machine and safety equipments for sewer maintenance (Auto mounted desilting machine-3nos., Medium vehicle mounted high pressure jetting machine - 2 nos., Heavy vehicle mounted high pressure jetting cum sucking machine-1no,vaccum operated suction machine - 1 no., self priming potable diesel dewatering pumpset - 4 nos., safety equipments for labourers-15 set, other safety equipments - 9 set)</p> <p>3. Upgradation of Aranoor pump house - Rehabilitation of Collection well and Pump House, Providing 3 nos of Wet well Non Clog Submersible Pump Set at Arannoor Pump House.</p> <p>4. Thiruvananthapuram Sewerage Scheme - Supplying and installation of Diesel generators for Sewage Pump Houses at Pattoor, Plamood, Murinjapalm, Kannammoola.</p> <p>5. Providing and laying 300mm dia main and 200mm SW branch sewer line towards Sreekrishna Nagar in front of Jagathy School in Jagathy Kochar Road.</p> <p>6. Increasing capacity of sewer lines and constructing RCC man holes at Sreenagar Manacaud</p> <p>7. Replacing of old and damaged 150 mm SW sewer line with 200 mm SW sewer line from Maruthankuzhy Ganapathy temple In through side of Kochar Road to Triveni Lane and replacing of old and damaged 150 mm SW sewer line with 250 mm sewer line at Panickers lane F lane under Sewerage Section Sasthamangalam</p>





Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p style="text-align: center;">SEWERAGE SCHEMES OF KERALA WATER AUTHORITY (4215-02-190-99)</p>					<p>8. Providing sewer lines at Kadappathala lane in Oolampara Sasthamangalam Pippinmoodu Road</p> <p>9. Replacing of old and damaged 225 mm SW sewer line with 300 mm SW sewer line, Mangalam Lane 3 in Sasthamangalam Ward, under Sewerage Section, Sasthamangalam</p> <p>10. Laying new sewerage line/discarding the old one with 250 mm SW pipe from PF Office to Pattom junction (near IOC Pump) under Sewerage Section No-II, Kuryathi.</p> <p>11. Rehabilitation of sewer line in Kanthalloor Mahadeva Temple lane in Valiyasala ward under Sewerage Section no.II, Kuriathy.</p> <p>During the period expenditure met for the following major works.</p> <p>1. Procurement of Sewer cleaning machine and Sewer Maintenance for Sewer Maintenance.</p> <p>2. Increasing the capacity of 150 mm SW Pipe and reconstruction of dilapidated manhole in Thycaud Elankom Garden lane from TERNA-144 to TERNA-199A and TERNA 158 to TERNA 208.</p> <p>3. Laying 300mm dia SW sewer main line and 250mm & 200mm Dia SW pipe Sewer branch lines from Kannammoola Ayyankali road - Proposed common MH towards Padinjattil lane.</p>





Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>4. Construction of new well and Grit Chamber with supplying and installing pump house for avoiding the sewer water flow of killi river a Chirapalam.</p> <p>5. Providing and laying 200mm Sewer line from RP lane towards Kuravankonam main lane - under Sewerage Section, Sasthamangalam.</p> <p>6. Rehabilitation of sewer line at Sreedevinagar.</p> <p>7. Providing sewerage facility/ rehabilitation of damaged line in 6 branch lines in Athani Vanchiyoor.</p> <p>8. Rehabilitation of Sewer network at Chayakudi Lane and its cross roads under Sewerage Section-2, Kuriathy.</p>
8.	RENOVATION OF EXISTING CIVIL STRUCTURES OWNED BY KWA (2215-01-190-92)	500.00	185.53	185.53	185.53	<p>During 2022-23, 28 works completed. Major works are listed below.</p> <p>1. RWSS to Idukki Kanjikuzhy 8th block pumphouse - Source improvement work. Renovation of the existing sump and pumphouse with providing toilet facilities and electrification works.</p> <p>2. WSS to Thrikkakkara - Urgent renovation to the existing Kalamassery old pumphouse at Kalamassery Sub Division Office compound.</p> <p>3. Renovation of Staff Quarters & Dormitory building at Division Office Compound, Thana.</p> <p>4. Construction of Office Building at Melechira near bus stand, Aryanad.</p> <p>5. Leak rectification works to 15LL capacity OHSR at Jathikkamala.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	RENOVATION OF EXISTING CIVIL STRUCTURES OWNED BY KWA (2215-01-190-92)					<p>6. Renovation of Quality Control Divisional Laboratory. Shifting of existing Quality Control Laboratory to below OHSR (JICA), Malaparamba, Calicut.</p> <p>7. Repairing damaged hand rail of Peppara Dam - Phase-II.</p> <p>8. Renovation of Existing Civil Structures - Construction of Approach Road and Parking Yard to Division Office Complex at Sulthan Bathery.</p> <p>9. Construction of ladies and gents toilet for office staff and public at Karuvelippady Office Compound.</p> <p>10. UWSS to Nedumangad - Construction of waiting area and providing seating arrangements to public near revenue counter.</p> <p>11. Maintenance of Division Office Building of Kochi-18.</p> <p>During the period expenditure met for the following major works.</p> <p>1. Rewiring of KWA Division office building Malappuram.</p> <p>2. ARWSS to Amarambalam - Approach road with side protection wall to pump house at Kalathinkadavu.</p> <p>3. WSS to Kannur-Rewiring Division Office Building, Sub Division Office Building & Section Office Buildings at Thana, Kannur.</p> <p>4. Re-tarring 150 m portion of Vengald - Anjarakandy road along KWA owned land for Thalassery WSS head works in front of Keezhallur Section office and Pump house at Keezhallur.</p> <p>5. Maintenance of OHSR at Pallipuram and Arookutty - Painting the OHSR at Pallipuram and Arookutty.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	RENOVATION OF EXISTING CIVIL STRUCTURES OWNED BY KWA (2215-01-190-92)					<p>6. EMWSS- Head works- Aluva- Rehabilitation of substation No.1 & No.2.</p> <p>7. RWSS to Nadathara - Renovation of Nellikunnu Pump House-Construction of toilet, providing gate and electrical installations</p> <p>8. Renovation of Kunnankulam Section Office Building including replacing roofing, ceiling and plumbing etc.</p> <p>9. Maintenance of Office Building Nattika - Leak proofing work including truss work and roofing with GI sheet for Nattika Office Building.</p> <p>10. Renovation of Puthenkotta Sub Section Office and construction of compound wall, reconstruction of damaged compound walls with barbed wire fencing protection at Kuriathypumphouse premises and Arannoor pumphouse under Sewerage Section II, Kuriathy.</p> <p>11. Renovation, Rewiring of P.T.P Subdivision Building, Rewiring of Maruthankuzhy C & D Quarters and Construction of Toilet at Nettayam Booster Pump House.</p> <p>12. Demolishing the existing boundary wall of Thiruvallam pump house at the side of Smt Sarala Devi's house and reconstructing by using RCC retaining wall under Vandithadam Section as per the direction of Kerala State Human Rights Commission.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>13. Renovation of Office Building complex of Kerala Water Authority at Adoor.</p> <p>14. Maintenance of Division office at Thiruvalla Water Authority compound.</p>
9.	E-GOVERNANCE, GIS AND INFORMATION MANAGEMENT (2215-01-190-88)	100.00	52.73	52.73	52.73	<p>During 2022-23, Kerala Water Authority moved fast forward in e-Governance/GIS and Information Management. Several IT initiatives have taken up by IT Wing during this period.</p> <p>Following are the major activities.</p> <p>JJM Mobile application, AQUAloom, SMS Alert System, Website revamping, revamping of online paying system, PASK, O & M Monitoring, KWA developed GIS based optimal site selection system to help select the most suitable site for sewerage treatment plants, KWA Developed online consumer service software etapp.</p> <p>Expenses were met for the following works.</p> <ol style="list-style-type: none"> 1. For operation, support, administration and extension of DDFS in all office of KWA. 2. Operation of PASK software. 3. Operation of MARCH software. 4. Purchase of computers, Laptops and maintenance of servers.
10.	MODERNISATION OF ARUVIKKARA PUMPING STATION (4215-01-101-96)	100.00	4.28	4.28	4.28	Improved pumping efficiency of TWSS and service delivery enhancement.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
11.	WORKS FOR THE PREVENTION OF RIVER POLLUTION AND CREATING AWARENESS FOR THE COMPLIANCE OF NGT DIRECTION (2215-02-106-97)	250.00	77.69	77.69	77.69	<p>During 2022-23, 9 works were completed. They are listed below.</p> <ol style="list-style-type: none"> 1. Placing of Protective fencing around Aruvikkara Reservoir on the North Bank from Kalathara pump house-Stretch I 2. Placing of Protective fencing around Aruvikkara Reservoir on the North Bank from Kalathara pump house-Stretch II 3. Placing of Protective fencing around Aruvikkara Reservoir on the North Bank from Kalathara pump house-Stretch III 4. Providing and laying 200 mm SW sewer line at Thamarabhagam near pond, Kumara-puram under Sewerage Section, Sasthamangalam. 5. TSS- Providing and laying 200 mm SW Sewer line and reconstructing damaged junction pits at Madancovil Lane to RNP Lane at the side of drain under Sewerage Section, Sasthamangalam. 6. Providing and laying 300 mm and 250 mm SW sewer line at Koonamkulam Lane from pond to Paloor Lane by replacing old damaged undersized pipes under Sewerage Section, Sasthamangalam (Reach I). 7. Providing and laying 250 mm SW sewer line at Koonamkulam Lane from pond to Paloor Lane by replacing old damaged under sized pipes under Sewerage Section, Sasthamangalam (Reach II). 8. Providing sewer line towards House no. RNRA 21 to 25 C,D,E Lane and RNRA E7 of Resmi Lane Muttada.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>9. TSS-E-block Zone II-Laying 600 mm RCC NP3 pipe sewer main towards Edappazhinji Chitra Nagar (IVth reach) Chainage 2738m to 2908 m in connection with the commissioning of Jagathy-Kootamvila scheme- Land acquisition.</p> <p>During the period expenditure met for the following major works.</p> <ol style="list-style-type: none"> 1. Pollution abatement and rejuvenation of 21 critically polluted rivers stretches in Kerala - Tie up between Engineering Colleges and Water Resources Department. 2. Providing and laying 200mm SW Sewer line and re-constructing damaged Junction pits at Madan covil lane to RNP lane at the side of drain-under Sewerage Section, Sasthamangalam. 3. Providing and laying 250mm main & 200mm dia branch sewer line at Kadappathala lane in Oolampara road in Sasthamangalam, Pippinmoodu. 4. TSS - Laying 200mm dia SW pipe sewer lane towards House No.RNRA 21 to 25 C,D,E lane and laying 150mm branch line towards RNRA E7 of Resmi lane, Muttada.
12.	REHABILITATION/IMPROVEMENT WORKS OF URBAN WATER SUPPLY SCHEME (4215-01-101-97)	4500.00	325.81	325.81	325.81	<p>During 2022-23, 5 works were completed. They are listed below.</p> <ol style="list-style-type: none"> 1. UIDSSMT-UWSS to Guruvayur and Chavakkad Municipalities-Supply, erection, testing and commissioning of 60 HP centrifugal motor pump set & accessories for UIDSSMT-UWSS to Guruvayur-and Chavakkad Municipalities-Supply erection testing and commissioning of 60HP centrifugal motor pump set & accessories for vellani WTP Vellani WTP



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>2. QWSS to Kollam-Replacing 80 mm AC old distribution pipe line with 110mm PVC 6kg/cm² pipe at Mangadu bridge to Kandachira PH road.</p> <p>3. Replacing Old GI pipe line from Vimala Hridaya School, Pattathanam to Penthacoastal Mission Church, Pattathanam, Kollam.</p> <p>4. QWSS to Kollam-Replacing 80 mm AC old distribution pipe line with 90 mm PVC 6kg/cm² pipe at Ammannada to Orient club road in Division no XXV1.</p> <p>5. CWSS to Harippad and adjoining ten panchayaths-Phase II.</p> <p>During the period expenditure met for the following major works.</p> <p>1. Interim Augmentation of WSS to Kochi.</p>
13	OPTIMISATION OF PRODUCTION AND TRANSMISSION (4215-01-800-89)	5000.00	1928.66	1928.66	1928.66	<p>During 2022-23, 114 works were completed. Major works are listed below.</p> <p>1. WSS to Thalassery Municipality-Morakkunnu zone-Replacing old distribution pipes along Thalassery-Kodiyeri PWD road using PVC pipes for utility shifting of work.</p> <p>2. WSS to Pattuvam and adjoining Villages- Anthoor Municipality-Replacing the existing 110mm line with 450,400 and 300mm DI in Dharmasala.</p> <p>3. RWSS to Kumaramangalam -Providing distribution lines in various wards of Kumaramangalam Panchayath.</p> <p>4. Replacing the existing 400mm premo, 150/100mm AC,160mm PVC with 400mm DI K (9) and 160mm PVC 10kg/cm² pipe from Kunnarapark to Petta Junction in connection with Kochi Metro Project.</p>

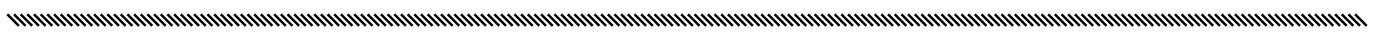


Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	OPTIMISATION OF PRODUCTION AND TRANSMISSION (4215-01-800-89)					<p>5. UWSS to Marthakkara Census Town - Gap connection using 250mm & 200mm DI K7 pipe.</p> <p>6. Augmentation of Pavaratty and adjoining Panchayaths.</p> <p>7. Improvements to WSS in TVPM municipal corporations and adjoining panchayaths.</p> <p>8. WSS to Kumaranalloor- Replacing old and damaged 300mm AC & 250 mm AC distribution main with 300mm DIK9 (650 m) & 250mm DIK9 (1750m) from OHSR at Incherikkunnu to Chathukulam Area.</p> <p>9. RWSS to Vazhappally-Augmentation of water supply to Thuruthy - laying 350mm DI K9 pipe, 3500m from Cherukarakunnu OH Tank to Thuruthy.</p> <p>During the period expenditure met for the following major works.</p> <p>1. Renovation of WTP- EMWSS - Supply, Erection, Testing and Commissioning of 110 KV additional Bay with consumer structure and metering units and construction of additional yard and allied works for commissioning 110KV sub station at Head Works at Aluva including rehabilitation of sub station building.</p> <p>2. RWSS to VaniyamkulamGpt. Replacing old 250mm AC class 10 Gravity main with new 350 mm DI K9 pipe from 20.50LL Capacity OHSR Kulappully to Koonathara Sump - 3200m.</p> <p>3. Pipe line Extension - RWSS to Kumaramangalam - Providing distribution lines in various wards of Kumaramangalam Pt.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>4. WSS to Kottayam - Replacement of 250mm and 200mm Old AC gravity main pipes.</p> <p>5. JICA Assisted WSP to Cherthala Municipality and adj. vil-lages - Replacing.</p> <p>Existing GRP Raw Water Transmission line with MS Pipe at Maravanthuruth Pt. and allied Work.</p> <p>6. JNNURM - IWSS TO TMC and adj. Pts. Strengthening distribution network - Sup-plying, Testing and Commis-sioning of pipe line for Ne-mom zone (WP9 Part.I).</p> <p>7. PWSS Palakkad - Supply and erection of centrifugal motor pump set having a discharg-er of 125 lps and total head of 95m at Raw water Pump house for PIF at Malampuzha.</p> <p>8. Replacing the existing grav-ity main and distribution lines of CWSS to Wadakkanchery and adj. Pts. Supplying, Lay-ing, Testing, Commissioning and maintaining 250mm DI K9 pipe, 160mm PVC pipe and 150mm GI pipe.</p>
14.	SOURCE IMPROVEMENT AND WATER CONSERVATION (4215-01-800-92)	200.00	18.40	18.40	18.40	<p>During 2022-23, 7 works were completed. Major works are listed below.</p> <p>1. Desilting of 4.5m dia open well at Pathankulam.</p> <p>2. RWSS to Kalikavu- Renova-tion of wing wall and side pro-tection of weir across kuthi-rapuzha near Moorakkayam pump house in Kalikavu pt.</p> <p>3. RWSS to Thuvvur- Con-struction of Temporary Bund across Olipuzha River near Mampuzha Pumphouse.</p>

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p>SOURCE IMPROVEMENT AND WATER CONSERVATION (4215-01-800-92)</p>					<p>4. BWSS - Improvements of intake structure river side protection works on upstream and down stream side of weir and desilting of weir at Vish-numangalam.</p> <p>5. BWSS- Removing silt from the downstream side of Vish-numangalam Weir in Nadapuram Grama Panchayath.</p> <p>6. ARWSS to Vorkady & adjoining panchayaths - Renovation of vented weir across Uppala river at Anakallu.</p> <p>7. Urban Improvement-JN-NURM WSS to Kochi City-Screening arrangements with walk way provided in front of the well mouth of intake well at RWPH Pazhoor.</p> <p>During the period expenditure met for the following major works</p> <p>1. WSS to Thalassery, Mahe - Mace of mechanical parts of weir shutter at Keezhallur.</p> <p>2. Source Improvement and Water Conservation at Peppara Dam</p> <p>3. CARWSS to Ranni, Pazhavangadi and Vadasserikkara - Providing Leading pipes to Intake well</p> <p>4. CWSS to Bathery and Noolpuzha - Providing and fixing tank water level indicator to service reservoir at St. Mary's college.</p> <p>5. WSS to Kalpetta - Providing and fixing tank water level indicator for TB Tank Emily Tank and Goodalai Tank at Kalpetta.</p> <p>6. RWSS to Chundale - Cleaning well.</p>





Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
15	NABARD ASSISTED RURAL WATER SUPPLY SCHEMES - RURAL INFRASTRUCTURE DEVELOPMENT FUND (4215-01-102-98 (01))	8020.00	3897.66	3987.66	3999.35	<p>The following works are completed.</p> <ol style="list-style-type: none"> 1. WSS for proposed Konni Medical College in Pathanamthitta District. 2. WSS to Valiyamattom&Alakkode villages <p>During the period expenditure met for the following major works</p> <ol style="list-style-type: none"> 1. WSS to Kottiyoor, Kelakam, and Kanichar (Phase-I) in Iritty Thaluk of Kannur Dist. Design, Construction of Intake well, Pump house, Electrical room, side protection work, 11 MLD WTP, 400mm Raw Water Pumping main (Package-I) 2. CWSS to Vithura - Tholiodu villages Phase-II Package-2 -Payment towards the Road restoration Security Deposit in the form of TSD/BG charges -Towards the road restoration charges 3. WSS to Kottiyoor, Kelakam and Kanichar Pts. In Kannur Dist.-Construction of sump cum Booster Station at Kambipalam, GL Tank at Memala, S&L Clear water pumping main from Manjalampuram to Kambipalam etc. Package-III. 4. WSS to seeththode & Nilakkal plappally area in perunad panchayath 5. CWSS to Agali, Sholayur and Pudur Pt. in Mannarkkad Taluk. 6. WSS TO KULAKKADA - Phase-2 - Zone-I - Road restoration in BM & BC in Poovathoor -Thengampuzha kadavu(3.5KM) Mavadi Jn. To Badhani Jn. Poovathoor Jn. Puthoormukku and Mavadi Jn. In Kulakkadda Jn.



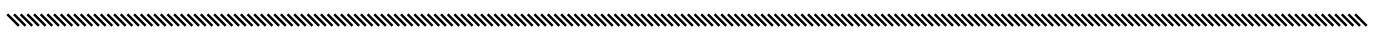
Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>7. WSS to Mangattidam Zone-III in Mangattidam Pt. of Thalassery Taluk in Kannur Dist.</p> <p>8. Water Supply and distribution to Melila in Kollam dist. Supply, Laying, Testing and Commissioning of distribution network at Zone-V.</p> <p>9. WSS to Mangattidam Pt. in Kannur Dist.</p> <p>10. Water Supply Projects to Kulakkada Pts. Phase-II - Supplying and laying various size DI K9 pipes for distribution lines in Zone-I.</p>
16.	DRINKING WATER - DROUGHT MITIGATION (2215 - 01-800-47)	1000.00	627.17	627.17	627.17	<p>During the year 101 works completed.</p> <p>During the period expenditure met for the following major works</p> <p>1. KWSS - Pipe line extension at Nellikkunnu area.</p> <p>2. RWSS to Vellathooval Panchayath. Providing side protection well and compound wall to GLSRs.</p> <p>3. CARWSS to Kadangode & Adj. Panchayaths. Kondayur pump house - Cleaning, overhauling of all electrical components, replacement of starter oil, contactor, air circuit breaker, MCCBs.</p> <p>4. WSS to Inchathotty in Kuttampuzha Pt. Conservation of protection wall to the intake well.</p> <p>5. Providing hot line for a length of 2650m with 110mm PVC from Anchamkallu Jn. to Chiplimadu area in Engandiyoor panchayath.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>6. Mace - CARWSS to Moorkanad and adj. villages - Construction of Temporary bund across the Thootha River; Nilaparambakadavu in Moorkanad Pt.</p> <p>7. Mace. - RWSS to Padinhattumuri - Construction of temporary bund across Kadalundi river at down stream side of Mothi pump house in Koottilangadi Panchayath.</p> <p>8. Construction of Temporary bund across Bharthappuzha and diversion channel at Thrikannapuram.</p> <p>9. WSS to Irikkur and adj. villages - Pipe line extension from Kalliadtheru towards Chunkasthan in Padiyur Gpt.</p> <p>10. RWSS to Muliyar - Pipe line extension from Povval town to Povval Kotta road.</p> <p>11. CWSS to Nattika Firka - Relaying pipe line under Pokkulangara Bridge and providing water supply to Mannath Colony and flood affected area by relaying 90mm PVC pipe line in Engandiyur Panchayath.</p>
17.	RURAL WATER SUPPLY SCHEMES (4215-01-102-97)	1000.00	432.34	432.33	432.33	<p>During 2022-23, 9 works were completed. Major works are listed below.</p> <p>1. RWSS to Pinangode Interconnection of WSS to Gandhinagar to RWSS to Pinangode.</p> <p>2. RWSS to Keezhillam- Supply, erection, testing and commissioning of pressure filter of 36000 LPH Capacity at Keezhillam Pump House.</p> <p>3. RWSS to Kuruppampady-Supply, erection, testing and commissioning of pressure sand filter of 36000 lph capacity at Kuruppampady panchayath.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p>RURAL WATER SUPPLY SCHEMES (4215-01-102-97)</p>					<p>4. RWSS to Vettoor-Supply and erection of 20 HP submersible pumpset at Vilabhagam Pump House in Vettoor Panchayath</p> <p>5. CWSS to Varkala- Supply, erection and commissioning of 20 HP Submersible pump set at Navaikulam for pumping to Maruthikkunnu from Navaikulam pump house</p> <p>6. CWSS to Panavoor, Pullampara and Vembayam - Providing water supply to elevated areas of Cheeranikkara ward in Vembayam panchayath</p> <p>7. WSS to Vilappil panchayath</p> <p>8. Water supply improvements to Mynagappally- Phase I</p> <p>9. RWSS to Vazhappally- Augmentation of water supply to Thuruthy</p> <p>During the period expenditure met for the following major works</p> <p>1. RWSS to Ambalavayalam - Relaying damaged pumping main at Kottoor. Relaying damaged distribution system from Manjappara to Nellarchal.</p> <p>2. SAARK-WSS to Kumarakom/ Thiruvappu pts. Package- VIII-A-Supplying and laying, Jointing and Testing and commissioning 110mm 280mm HDPE pipes for extension of distribution main in Kumarakom Pt.</p> <p>3. CRWSS to Mallappally Anicadu and Kottangal (Part) Pt. In Pathanamthitta Dist.</p> <p>4. RWSS to Nellikuzhy - Replacing damaged 250mm AC pipe with 250mm DI K9 pipe from Thrikkariyoor to Nellikuzhy OH tank in Nellikuzhy Panchayath.</p>





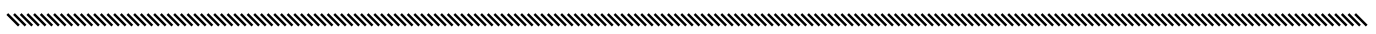
Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						5. RWSS-Improvement of WSS to Neeleswaram. 6. WSS to Thirunavaya and adjoining panchayaths-provi - ding 700 mm MS casing pipes.
18	JAL JEEVAN MISSION (NRDWP) (CSS 50% - STATE SHARE) (4215-01-102-92-(02))	50000.00	161629.11	161629.11	174167.64	<p>(a). Jal Jeevan Mission (JJM) Jal Jeevan Mission (JJM) project is envisioned to provide drinking water connection to all households in rural areas of the State. The scheme is being jointly implemented by central and State Governments. This project will benefit the rural poor, especially the families in the SC / ST colonies, the families living in the hilly areas where clean drinking water is not yet available, and the women and girls who have to travel long distances daily for drinking water. Out of the existing 69.92 lakh rural households in Kerala, 17.5 lakh households were provided with water supply connection till 01/04/2020.</p> <p>During 2020-2021 the FHTC achieved is 4,04,464 FHTC s out of a target of 21.54 Lakh FHTCs and total connections as on 01/04/21 is 21.54 Lakhs (30.80 %)</p> <p>During 2021-2022 the FHTC achieved is 6,63,874 FHTC s out of a target of 29,37,564 FHTCs and total connections as on 01/04/2022 is 28.18 Lakhs (39.86 %)</p> <p>During 2022-2023 the FHTC achieved is 5,29,487 FHTCs out of a target of 32,96,325 FHTCs and total connections as on 01/04/2022 is 33.47 Lakhs (47.87 %).</p>



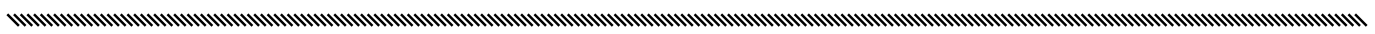
Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	JAL JEEVAN MISSION (NRDWP) (CSS 50% - STATE SHARE) (4215-01-102-92-(02))					<p>During 2022-2023, Administrative sanction was issued for 619090 FHTCs for an amount of Rs. 890450.81 lakhs vide GO(Rt). No 401/2022 dated 13/05/2022 and GO(Rt). No 960/2022 dated 28/10/2022 respectively. Thus, the target for the year 2022-2023 is fixed as 32,96,325, as the backlog of 2021-22 target - 22.74 lakh added to the 2022-23 original target of 10.23 lakhs. During 2022-2023 the FHTC achieved is 5,29,487 FHTCs out of a target of 32,96,325 FHTCs and total connections as on 01/04/2022 is 33.47 Lakhs (47.87 %)</p> <p>(b). Support Activities</p> <p>As per guidelines 5% of the JJM fund is provided for support Activities. The funding pattern of support activity is 60:40 between Central and State. Under support activities, training, MIS, Third Party Inspection, IEC activities etc. were taken up.</p> <p>During the year 2021-22, an amount of Rs. 12.43 crore was utilised being the Central share and cumulative expenditure for the Support Activities was Rs. 20.80 crore including the matching State share.</p> <p>During the year 2022-23, an amount of Rs. 34.67 crore was utilised being the Central share and cumulative expenditure for the Support Activities was Rs. 57.82 crore including the matching State share.</p> <p>In Support Activities ISAs engaged</p>



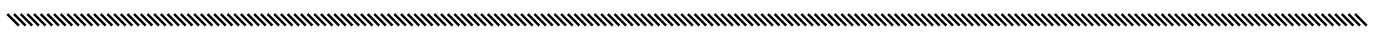
Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p>JAL JEEVAN MISSION (NRDWP) (CSS 50% - STATE SHARE) (4215-01-102-92-(02))</p>					<p>in GPs for IEC activities. Training programmes conducted to create awareness to Panchayat officials and stake holders. Skilling given to plumbers, fitters etc. Total 256 persons skilled so far. Due to Covid related restrictions, the progress of skilling training is low. Training is in progress through KASE (Kerala Academy for Skills Excellence). Minister for Water Resources also conduct District wise meetings with MLAs,MPs, Panchayat Authorities and other department stake holders for sorting out the issues</p> <p>(c). Water Quality Monitoring and Surveillance Programme (WQM & SP)</p> <p>Further, 2% of the JJM fund is provided for Water Quality Monitoring and Surveillance Programme (WQM&SP). Under WQM & SP water quality monitoring of drinking water sources, formation and modernization of water quality testing labs, water quality test using Field Test Kit (Water), obtaining NABL accreditation to the labs etc. are taken up. The funding pattern is 60:40 between Central and State.</p> <p>During the year 2021-22 an amount of Rs.11.37 crore had been utilized being the Central share for the above programme. The cumulative expenditure including the State share under WQM & SP for the year 2021-2022 was Rs. 18.97 crore. including the matching State share. During the year 2022-23 an amount of Rs. 26.04 crore had been utilized being the Central share for the above programme.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p style="text-align: center;">JAL JEEVAN MISSION (NRDWP) (CSS 50% - STATE SHARE) (4215-01-102-92-(02))</p>					<p>The cumulative expenditure including the State share under WQM & SP for the year 2022-2023 was Rs. 43.44 crore. including the matching State share.</p> <p>Achievements</p> <p>a. All rural Schools and Anganwadies in the state provided with safe drinking water.</p> <p>b. Under Water Quality Monitoring and Surveillance Activities (WQM&S), 84 labs got NABL accreditation.100% saturation attained in 69 panchayat</p> <p>c. 5000 Kudumbashree women trained to monitor the quality of water sources using FTK (Field Test Kits) and deployed in Panchayats through Kudumbashree for quality surveillance.</p> <p>(d). NITI Ayog</p> <p>NITI Ayog has allotted Rs.19.73 crore to Kerala for providing interim water supply to 73 Fluoride affected habitations in the state as one time additional (OTA) central assistance. It is envisaged to ensure 8 to 10 lpcd safe drinking water by installing Community Water Purification Plants (CWPP) in the Fluoride / Arsenic affected habitations as an interim measure In Kerala there are no Arsenic affected habitations. Kerala water Authority has proposed R.O Plants and feasible pipeline extension from nearby safe sources in the affected habitations utilising NITI Ayog allocation. Accordingly, Kerala Water Authority has provided safe water on a permanent basis in 68 Fluoride affected</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	<p>JAL JEEVAN MISSION (NRDWP) (CSS 50% - STATE SHARE) (4215-01-102-92-(02))</p>					<p>habitations by providing pipe line extension from treated sources. As per the status as on 31.03.2022, 5 Fluoride affected habitations are remaining to be covered. All the remaining Fluoride affected habitations will be covered during 2023-24 under JJM</p> <p>National Rural Drinking Water Programme (NRDWP)</p> <p>National Rural Drinking Water Programme (NRDWP) was a Centrally sponsored scheme jointly implemented by the State and the Central Governments. NRDWP envisioned to ensure potable drinking water to rural population of the country. But, Government of India launched Jal Jeevan Mission (JJM) on 15.08.2019 subsuming NRDWP. Hence there was no separate allocation under NRDWP. During the year 2022-23, the expenditure towards the ongoing schemes under NRDWP was met form JJM allocation. During the year 2021-22, 2 NRDWP schemes benefitting a population of 125628 were completed.</p> <p>Two works are completed. They are</p> <ol style="list-style-type: none"> 1. CWSS to Harippad & adjoining Villages 2. WSS to Ezhimala Naval Academy - Construction of Check dam across Kariyangoode River at Kakkakadavu.





Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
19	ENERGY, EFFICIENCY, IMPROVEMENT, OPTIMISATION OF ELECTRO MECHANICAL ITEMS, SAFETY AUDIT AND ENSURING SAFETY IN OPERATION OF WTPS AND PUMP HOUSES-(4215-01-800-87)	500.00	61.43	61.42	61.42	<p>Implementation of 105 KWp Grid connected Solar Photo Voltaic Power Project, replacement of TOD. Meter and CTPT Unit, Replacing Auto Transformers have been carried out for improved energy efficiency.</p> <p>During 2022-23, 14 works are completed. Major works completed are listed below.</p> <ol style="list-style-type: none"> 1. Supply & erection of various motor pump set at Koduvayur Pudunagaram WTP Thekkath vattaram sump cum pump house and allied improvements to in Pudunagaram-Koduvayur Pudunagaram WTP at Puzhampalam Chittur. 2. ARWSS to AR Nagar-Supply and erection of Submersible pump set at AR Nagar Panampuzha pump house 3. CWSS to Kollengode & adj. Pts. - Supply & erection of open well submersible pump set having discharge 5.50 lps against 140 m head at Meenkara WTP for Neelippara. 4. Supply, erection and commissioning of 3 HP vacuum pump at Purameri clear water Pump house. 5. RWSS to Purameri - Supply, erection and commissioning of 20 HP Submersible Pump set at Purameri Clear water pump house. 6. Supply, erection and commissioning of stand by pump set at various schemes under PH Sub division Koyilandy. 7. RWSS to Peravoor- Fabricating, Supply & Fitting main panel board in replacement of old panel board in Peravoor pump house. 8. Supply and installation of Diesel Generator at intake well of WSS to Ezhimala Naval Academy.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>9. Supply, erection and commissioning of 40 HP Centrifugal pump in Ramanthali Zone 1 pump house.</p> <p>10. PRWSS Thrithala-Drawing dedicated 11KV ABC Feeder to pumping station "A", Thrithala.</p> <p>11. UWSS to Punalur Municipality-Thumpodu scheme-Supply and erection of New 15 HP submersible pumpset in the clear water pump house, WTP, Punalur</p> <p>12. ARWSS to Pattazhy and Vadakkekara Panchayath, replacement of TOD meter and CTPT unit in Raw Water Pump house at Pookkunnimala, Pattazhy.</p> <p>13. ARWSS to Pathanapuram and Piravanthoor Panchayath, replacement of TOD meter and CTPT unit in Raw Water Pump house at Mukkadavu .</p> <p>14. RWSS to Vellavoor H.C - Supplying and fitting 25 HP Submersible pumpset at Moongani pump house in Vellavoor panchayath-Kottayam district.</p>
20	INFRASTRUCTURE DEVELOPMENT AND SURVEILLANCE ACTIVITIES UNDER QUALITY CONTROL WING OF KWA (4215-01-800-86)	300.00	12.46	12.45	12.45	<p>Surveillance and monitoring of the quality of water supplied through various water supply schemes is being carried out by the Quality Control wing of KWA by conducting analysis of water samples taken at stipulated frequency through an effective three-tier inspection system up to the level of executive engineers.</p> <p>Expenditure met for the following works.</p> <p>1. Civil work for Setting up of Effluent Testing Laboratory at Valakom in Kollam District.</p> <p>2. Civil work for Effluent Quality Testing Lab under QCSDL - Athiyannoor in TVM.</p>



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
21	ENTERPRISE RESOURCE PLANNING (2215-01-04-99)	100.00	4.42	4.42	4.42	KWA has digitalised an online platform for Processing BPL application to BPL consumers. This has reduced the need for physical submission of application and thus changed the age-old system of long queues of consumers at the KWA offices. In this online mechanism for registering BPL Connection, people can register in online portal using ration card and Consumer ID. As a part of the Kerala Government initiative to go green, KWA has implemented the Green bill scheme by which the need for physical bill has been massively reduced. KWA has implemented the IT powered core Banking solution called FAMS. FAMS is a financial solution intended to manage KWA finance and accounts. FAMS aims to provide a good picture of KWA finance by means of various analytical graphs and trend Lines. It is a backend analysis tool and is also an accounting software specifically designed for KWA with the help of SBI.
22	SCHEME FOR SPECIAL ASSISTANCE TO STATES FOR CAPITAL INVESTMENT - WATER SUPPLY PROJECTS (4215-01-800-83-01)	0.00	4792.78	4792.77	4792.77	<p>During 2022-23 expenditure were met for the following works</p> <ol style="list-style-type: none"> 1. WSS to Vilappil Panchayath 2. WSS to Erumely Pt. in Kottayam Dist. 3. RWSS to Cheekode and adj. villages - Package I & III 4. Integrated WSS to Kazhakkuttom Constituency 5. WSS to Kunnummal Panchayath. Kozhikkode district. 6. CWSS to Anad, Kurupuzha & Palode village - Phase-II Package-I & II 7. CRWSS to Mallappally, Anicad & Kottangal (Part) Phase-II.

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						8. WSS to Pavaratty and Mulla-scerypanchayath in Chavakkad Taluk. 9. Replacement of old damaged pipes - CWSS Wadakkanchery and adjoining Panchayath. 10. Interim Augmentation of WSS to Kochi City & adjoining panchayths. 11. Augmentation of Nenmara, Ayilur and Melarcode-WSS in Chittur and Alathur Taluk in Palakkad. 12. UWSS to Tirur.
23	ADB ASSISTED KERALA URBAN WATER SUPPLY IMPROVEMENT PROJECT - KUWSIP (EAP) (4215-01-101-94)	10000.00	0.00	0.00	0.00	The draft Request for Proposal (RFP) for selection of Consultant for Loan Implementation Support Unit (LISU) and bidding document for Kochi Distribution networks duly vetted by ADB contain clauses on International Arbitration. Hence, the same was submitted to GoK on 28.07.2021 requesting sanction for incorporating the conditions related to International Arbitration in RFP for LISU consulting services and Bidding documents for Kochi Distribution network. Based on the same State Level Empowered Committee (SLEC) meeting was convened on 07.10.2021 and 06.04.2022 and it was decided to incorporate International Arbitration clause in both Request for Proposals (RFP) for appointing LISU and Bid documents for Kochi Distribution networks with venue of arbitration at Singapore. The Committee also decided to recommend to Govt. to allow QCBS score (Technical : Financial) as 80:20, in RFP for LISU for implementing the scheme. Approval of the draft RFP and Bid documents to Kochi were



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
						<p>issued by GoK vide G.O.(Ms)No. 38/2022/WRD dated 03.06.2022, with certain modifications suggested. Remarks offered by the ADB team on the modifications suggested by GoK in the RFP for LISU and Bid documents to Kochi were communicated to GoK. Then final approval of the draft RFP and Bid documents to Kochi have been accorded by GoK vide G.O.(Ms No.61/2022/WRD dated 22/11/2022.</p> <p>The RFP for LISU has been issued to the shortlisted firms on 23/11/2022. Reply to Pre-bid queries received from the shortlisted firms has been released to the firms on 24.12.2022. The bid submission deadline of RFP for LISU was on 06/02/2023.</p> <p>Invitation for Bids for Kochi Distribution Package (Water Supply System Operations and Maintenance and System Upgrades in Kochi) was released on 22/02/2023. Deadline for submission of bids for Kochi Distribution Package is on 26/05/2023.</p>
	TOTAL PLAN FUND (A)	85675.00	175432.96	175336.41	187976.63	

NON PLAN GRANT RECEIVED FROM GOVERNMENT OF KERALA

(Rs. in Lakh)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
1	GRANT IN AID TO SALARY & NON-SALARY	35316.13	18372.96	18372.96	18372.96	Expenditure met for salary, pension and other establishment purpose.



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
2	PROJECTS UNDER LAC ADS (4215-01-800-93)	2000.00	694.34	693.85	458.19	<p>During the period expenditure met for the following works</p> <ol style="list-style-type: none"> 1. RWSS to Malayalappuzha - Supply and Erection of C/F pump set at Booster Pump house and VT Pumpset at intake pump house Malayalappuzha 2. Ettumanoor LAC - WSS to Padinjarenada - Ettumanoor Municipality - Construction of 0.50LL OHSR and supplying, Laying, Jointing, Testing and Commissioning of 110mm PVC 10 Kg/m² pumping main. 3. Ettumanoor LAC-CWSS to Ettumanoor and adj. villages. Providing Pipe line Extension to Kizhakkenada Water Supply Project in Ward No.33 and 35 of Ettumanoor Municipality 4. Koothuparamba LAC - RWSS to Thrrippangottur - Extension of pipe line to Chetakandy and Kallikkandy Area (Supplying and Laying). 5. Pipe line extension from Moorkkanad distribution to 1,4,6,7,8,9 &12 Wards in Makkaraparamba Gpt. 6. Hon'ble Beypore MLA, KWA pipe line extension of various places in Kadalundy Pt. under WSS for Kozhikkode Corporation and adj. Villages. 7. Chathannoor LAC Project No. 11053-RWSS to Kalluvathukkal - Parippally Pipe line extension at various places in Kalluvathukkal Gpt. Reach-I 8. Poyilkavu Beach WSS in ward No.14 of Chengottukavu Pt. Construction of Pump house 15000 Lr. Capacity OH



Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Physical Achievement
	PROJECTS UNDER LAC ADS (4215-01-800-93)					<p>Tank Laying pumping main and distribution system and erection of pump set.</p> <p>9. Irinjalakkuda Constituency 2019-2020 - Dismantling the existing 25000 Lr. OHSR at Kallettumkara Church compound.</p> <p>10. Chelakkara LAC - Manjachira Drinking water Project in Ward No.15 in Varavoor Pt.</p> <p>11. Augmentation of Pallam - WSS in DesamangalamGpt. Part A - Laying pipe line and construction of valve chamber.</p> <p>12. DharmadamMandalam in Kannur Dist. Peralassery - Mavilayi - WSS - KWA Pipe line extension in Mavilayi area from WSS to Anarakandy, Peralassery and adj. Pts.</p> <p>13. Water Supply Scheme Valanthode in Vanimel GPT. Construction of Well cum Pump house OH Tank laying pumping main and distribution system - Supply, Erection, Pumpset providing pressure filter</p> <p>14. Pipe line extension of various places to Ramanattukara Municipality</p> <p>15. Payyappadi Puthuvayal DWSS in Ward-V of PuthupallyGpt.</p> <p>16. Vattiyoorkavu Constituency - Laying 200mm dia SW Sewer line towards Karithodu Kanjirampara.</p> <p>17. Improvements of existing WSS to IringalMoorad in Payyoli Municipality.</p>
	TOTAL NON PLAN FUND(B)	37316.13	19067.30	19066.81	18831.15	
	GRAND TOTAL (A+B)	122991.13	194500.26	194403.22	206807.78	



**CENTRALLY SPONSORED SCHEMES FOR WHICH MATCHING SHARE
RECEIVED FROM GOVERNMENT OF INDIA**

(Rs. in Lakh)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Remarks
1	JAL JEEVAN MISSION (NRDWP) (CSS 50% - CENTRAL SHARE) (4215-01-102-92-01)	220654.08	220654.08	220654.08	174192.88	Central government share for implementation of JJM Schemes.
	TOTAL (C)	220654.08	220654.08	220654.08	174192.88	
	GRAND TOTAL (A+B+C)	343645.21	415154.34	415057.30	381000.66	

**AMOUNT RESUMED BY GOVERNMENT OF KERALA WITH OUT ISSUING
WAYS AND MEANS CLEARANCE**

(Rs. in Lakh)

Sl No.	Name of Scheme with Head of Account	Original Budget Provision	Net Budget Provision	Release during the year	Actual Expenditure	Remarks
1	NABARD ASSISTED RURAL WATER SUPPLY SCHEMES - RURAL INFRASTRUCTURE DEVELOPMENT FUND (4215-01-102-98(01))	8020.00	3897.68	3897.66	669.78	Item No. (15) of Plan Head. Since the amount is resumed by GoK, expenditure met from opening balance and savings from other head.

Managing Director