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KERALA WATER AUTHORITY

Jalabhavan
Thiruvananthapuram-695033
Kerala

No. KWA/JB/M3/1010/2019-20

Dated: 10.10.2022

From

The Managing Director

To

The Secretary
Water Resources Department
Government of Kerala
Thiruvananthapuram

Sir,

Sub:- Performance Budget 2021-22- submitting- reg:-

Ref:- 1)Circular No.35/2022/Fin dtd 30/04/2022 of the Finance Department
2)Email received from Finance (Performance Budget-B)department on
01.09.2022

Kind attention is invited to the references cited above. I am submitting herewith the performance budget for the year 2021-2022 for kind perusal and necessary action

Encl: as above.

Yours faithfully,
Venkatesapathy S. IAS
Managing Director



PERFORMANCE BUDGET 2021-22



KERALA WATER AUTHORITY



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EXECUTIVE SUMMARY

On the basis of the recommendation of the Public Accounts Committee in the 140th Report (2008-2011) Government of Kerala have reintroduced Performance Budgeting of development schemes and related expenditure implemented by a few departments. The Kerala Water Authority is one among them. Performance budgeting would ensure efficacy of public expenditure rather than mechanical utilization of funds. This will measure physical outcomes and impact of schemes. The exercise will focus on developmental schemes and related expenditure and would not cover routine administrative expenses. It is an endeavour of the government to convert 'Outlays' into 'Outcomes' by planning expenditure, fixing appropriate targets, quantifying deliverables in each scheme/ programme. It is also intended to serve as an important tool to establish effective linkage amongst allocation/ disbursement of public funds, transparency, measurable performance, delivery mechanism and review of past performance, policy initiatives etc.

The Performance Budget 2021-22 and concurrent Evaluation and monitoring of schemes consists of 5 chapters.

In chapter 1, a brief introduction to the Kerala Water Authority has been included. The vision, mission and the organizational setup of Kerala Water Authority has also been included in this chapter.

In chapter 2, details regarding the total financial outlays for year 2021-22 under each head has been included, in which the target fixed in each head and targets achieved details are incorporated.

Chapter 3 deals with the reform measures and policy initiatives taken by the organization and how these relate to the intermediate outputs and financial outcome in various areas/fields.

In chapter 4, the review of the past performance is highlighted. It indicates the performance of Kerala Water Authority during year 2020-21 in terms of targets already set. The scheme wise past performance of various programmes and activities undertaken by Kerala Water Authority is also summarized

In chapter 5 financial review of expenditure is shown. It covers overall trends in expenditure, Budget Estimate/Revised Estimate for the last three financial years (since 2019-20) including the current year ie 2022-23 of Kerala Water Authority.



1. INTRODUCTION

Kerala Water Authority was established on 1st April 1984 as an autonomous body of Government of Kerala under the Kerala Water Supply and Waste Water Ordinance 1984 as a successor to the erstwhile Public Health Engineering Department of the Government of Kerala for the development and regulation of water supply and waste water collection and disposal in the State of Kerala. The Ordinance was replaced by the Kerala Water Supply and Sewerage Act, 1986

1.1 Responsibilities

- Design, construction, execution, promotion, operation, maintenance and financing of schemes for the supply of water and for the collection and disposal of waste water
- Rendering all necessary services to the Government relating to water supply and collection and disposal of the waste water in the State of Kerala.
- Establishment of standards for water supply and waste water services.
- Fixation and revision of rates for water supply and sewerage maintenance with the approval of Government.
- Taking other measures necessary to ensure water supply in times of emergency.

1.2. Vision

To provide quality water supply and waste water services in an environmental friendly and sustainable manner.

1.3. Mission

To transform ourselves into a customer friendly organization providing services at the doorstep. To achieve 100% Functional Household Tap Connections and to achieve 100 % networked sewerage all over Kerala.

This will be achieved by being

- Open and honest in our business dealings
- Financially self - reliant
- Valuing and developing our employees
- Continuously improving our work practices



1.4. Strategic Aims of KWA

- Meet our statutory obligations
- Operate as a financially, independent and autonomous body
- Improve commercial and operational practices
- Focus on customer services
- Restructure KWA to become a process organization
- Invest in developing our employees
- Plan, invest in and maintain assets
- Operate all our assets efficiently
- Making full use of IT and IS investments

1.5. Organization setup

Water Resources Department of Kerala Government is vested with the ownership of Kerala Water Authority

The Board of the Authority consists of Chairman, Secretary to Government(Water Resource Department), Secretary to Government (Finance Department) Secretary to Government (Local Self Government Department), Executive Director, KRWSA, two members representing local bodies, two members appointed by the Government (one belonging to a Scheduled Caste or Scheduled Tribe and one member belonging to General category), Managing Director, Technical Member and Accounts Member. Managing Director is the Chief Executive of Kerala Water Authority.

Kerala Water Authority has its headquarters at Thiruvananthapuram. The three regional offices at Thiruvananthapuram, Kochi, and Kozhikode are headed by Chief Engineers. In addition, there are 3 more Chief Engineers with Chief Engineer (HRD&GL) looking after the Human Resources Development & general matters, Chief Engineer (P&O) looking after the Projects and Operations and the Chief Engineer (Sewerage, PPD& WASCON) looking after the Sewerage facilities, Investigation, Planning and Design and also the Consultancy Services. The Finance Manager & Chief Accounts Officer looks after the funds, accounting and related matters of Kerala Water Authority.

Under each region, there are Circle Offices headed by Superintending Engineers, Division Offices by the Executive Engineers, Sub Division Offices by Assistant Executive Engineers and Section Offices by Assistant Engineers. State Referral Institute, Kochi and the Quality Control Divisions look after the quality aspects of the water supplied by KWA.



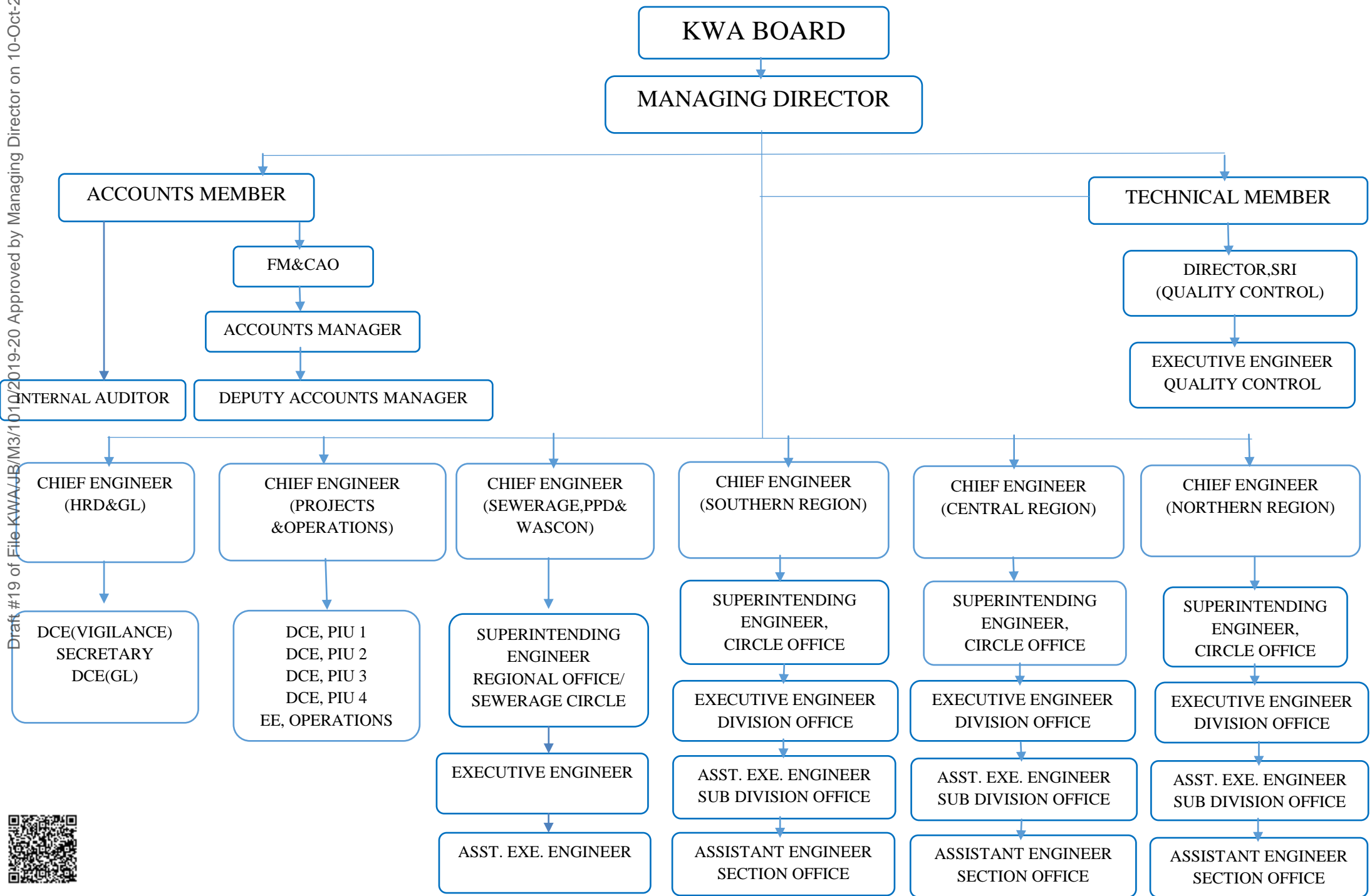
The activities of the Authority are handled in the following offices

SL No	Offices	Head of the Office	Function
1	Head Office	Managing Director	Chief Executive of the Authority
2	Regional Offices	Chief Engineer	Region Head
3	Circle Offices	Superintending Engineer	Supervision
4	Division Offices	Executive Engineer	Execution (Operation & Maintenance/Projects/Quality Control/Sewerage)
5	Subdivision Offices	Assistant Executive Engineer	-Do-
6	Section Offices	Assistant Engineer	-Do-



BASIC STRUCTURE OF KERALA WATER AUTHORITY

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2. FINANCIAL OUTLAY AND QUANTIFIABLE DELIVERABLES

Under State Plan an amount of Rs.71580 lakhs was provided as budget outlay during 2021-22 under 19 heads including Jal Jeevan Mission. For Jal Jeevan Mission (Centrally Sponsored Schemes) the total outlay was Rs.80000 lakhs with 50% sharing of Rs. 40000 lakhs each by Central and State Government.

Annexure I contains head wise details of financial budget 2021-22 and Physical outputs.



3. REFORM MEASURES AND PERFORMANCE

Kerala Water Authority is the key implementing agency for water supply and sanitation related works in Kerala under the following funding heads.

1. STATE PLAN
2. KIIFB
3. AMRUT
4. JNNURM
5. JJM/NRDWP
6. NWQSM
7. RIDF – NABARD
8. SMART CITY
9. External Aided (JICA/ ADB/ WB)
10. Deposit Works (LSGD/SC&ST/ DD)
11. MPLADS
12. MLA ADF
13. MLA SDF
14. NITI AYOOG FUNDS



4. REVIEW OF PAST PERFORMANCE

The performance of Kerala Water Authority against target set during 2020-21 is given as Annexure II.



5. FINANCIAL REVIEW

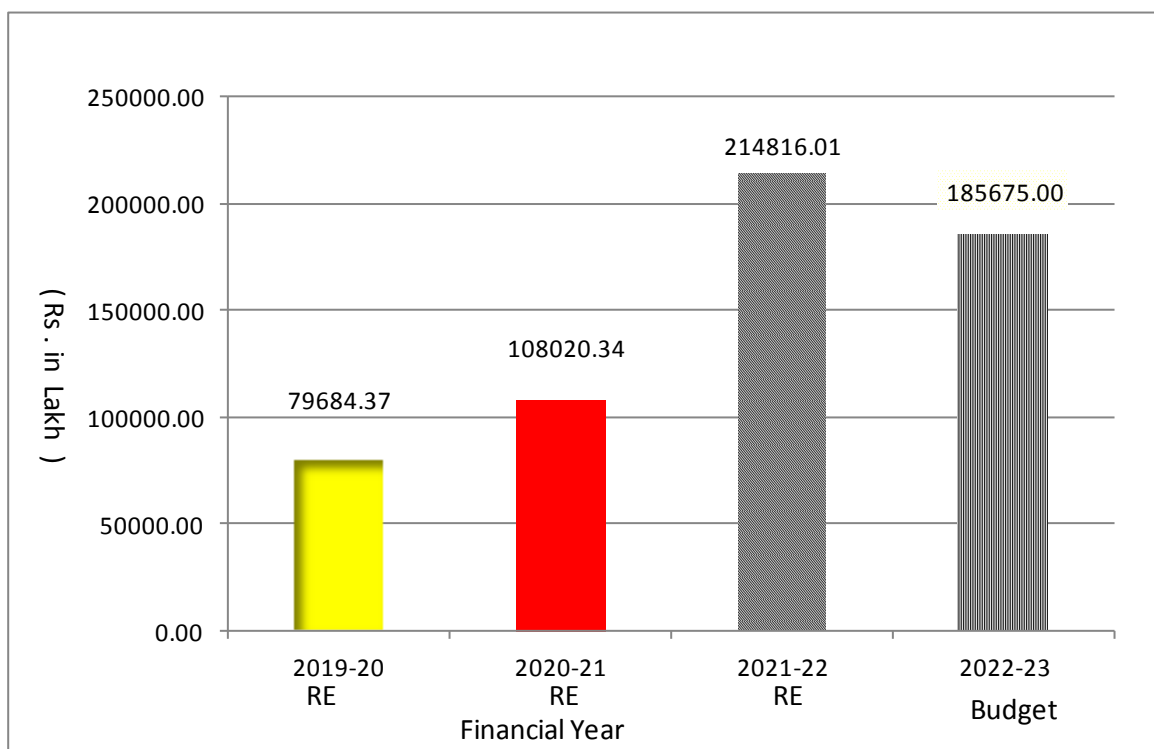
Government of Kerala releases fund to Kerala Water Authority for implementation of water supply schemes throughout the State and can be mainly classified in three categories

1. State Plan Schemes.
2. NABARD assisted Water Supply Schemes
3. Jal Jeevan Mission / NRDWP schemes including matching central share.

(A).REVISED ESTIMATE / BUDGET ESTIMATE

The details of Revised Estimate for last three years and Budget Estimate for 2022-23 are shown below. (Rs. in lakh)

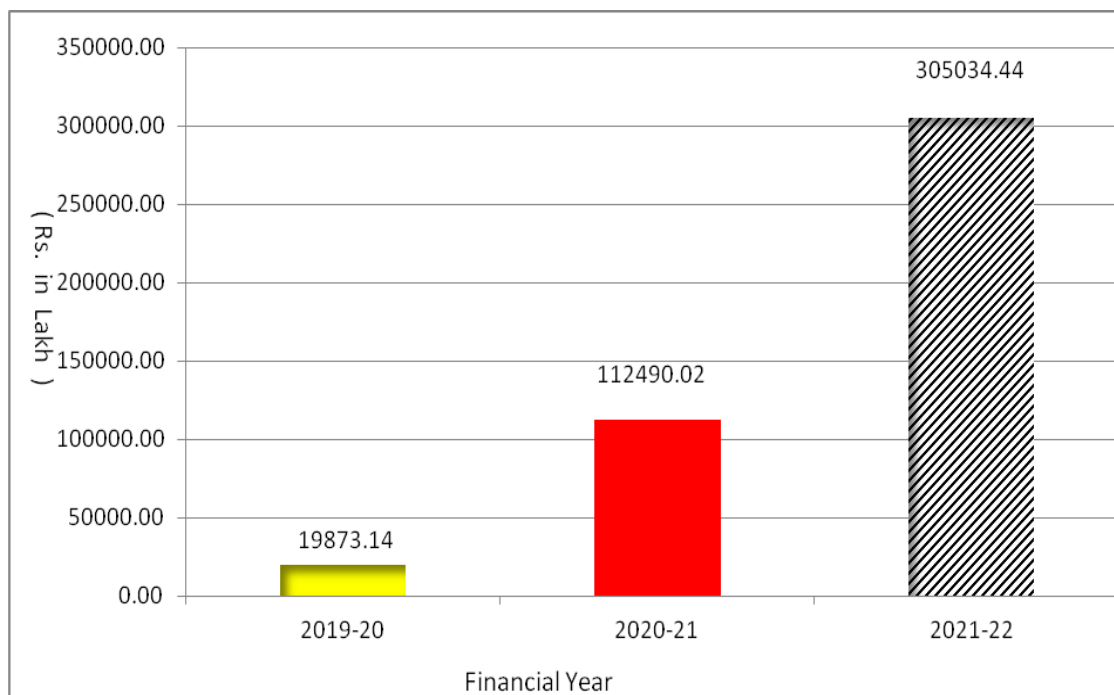
Category	Revised Estimate			Budget
	2019-20	2020-21	2021-22	2022-23
STATE PLAN	51684.37	27148.89	26014.22	27655.00
NABARD	8000.00	10371.45	8342.71	8020.00
JJM/NRDWP	20000.00	70500.00	180459.08	150000.00
TOTAL	79684.37	108020.34	214816.01	185675.00



(B). DETAILS OF FUND RELEASE AGAINST EACH SCHEME

The details of fund released against budget provision by Government of Kerala to Kerala Water Authority for the last three years are shown below.

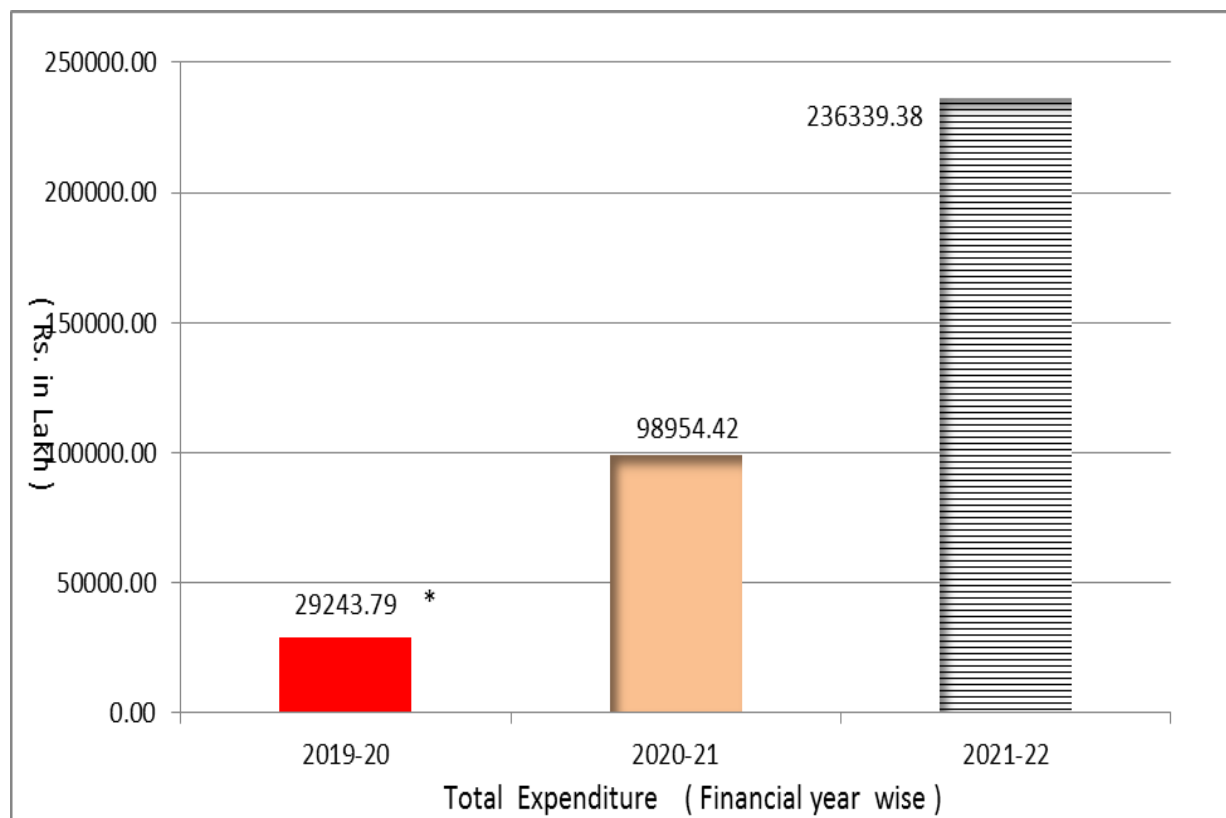
Category	Release (Rs. in Lakh)		
	2019-20	2020-21	2021-22
STATE PLAN	7215.00	26252.54	26003.11
NABARD	7658.14	10343.58	8342.71
JJM/NRDWP	5000.00	75893.90	270688.62
TOTAL	19873.14	112490.02	305034.44



(C) DETAILS OF EXPENDITURE

The category wise details of expenditure met by Kerala Water Authority for last three years are shown below.

Category	Expenditure (Rs. in Lakh)		
	2019-20	2020-21	2020-21
STATE PLAN	8180.11	26484.24	26053.57
NABARD	8681.42	10313.13	8526.16
JJM/NRDWP	12382.26	62157.05	201759.65
TOTAL	29243.79	98954.42	236339.38



*Over and above this, bills to the tune of Rs. 468.53 Crore were pending for want of funds (as on 31-03-2020).



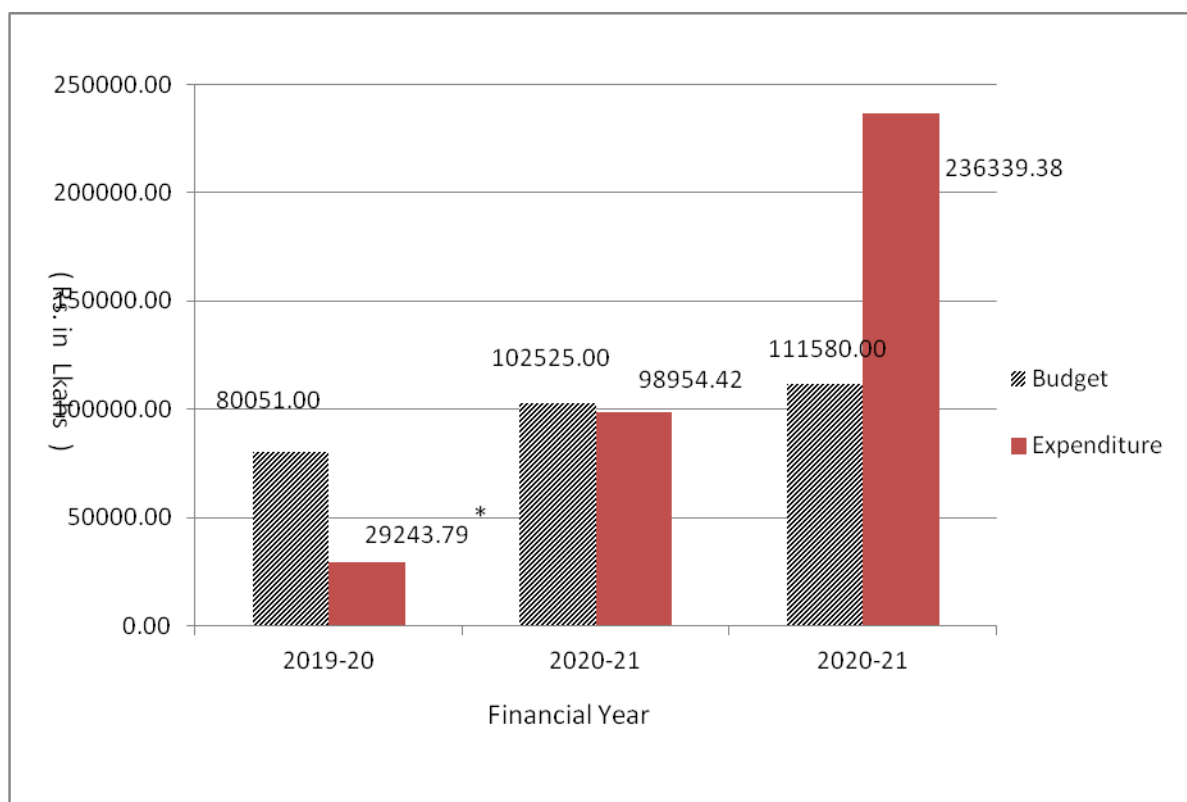
(D) COMPARISON BETWEEN BUDGET AND EXPENDITURE

The comparison between the budget and actual expenditure met by KWA for last three years is given below.

(Rs. in Lakh)

Category	2019-20		2020-21		2021-22	
	Budget	Expenditure	Budget	Expenditure	Budget	Expenditure
STATE PLAN	52051.00	8180.11	16525.00	26484.24	26400.00	26053.57
NABARD	8000.00	8681.42	6000.00	10313.13	5180.00	8526.16
JJM/NRDWP	20000.00	12382.26	80000.00	62157.05	80000.00	201759.65
TOTAL	80051.00	29243.79	102525.00	98954.42	111580.00	236339.38

The graphic representation is shown below.



*Over and above this, bills to the tune of Rs. 468.53 Crore were pending for want of funds (as on 31-03-2020).

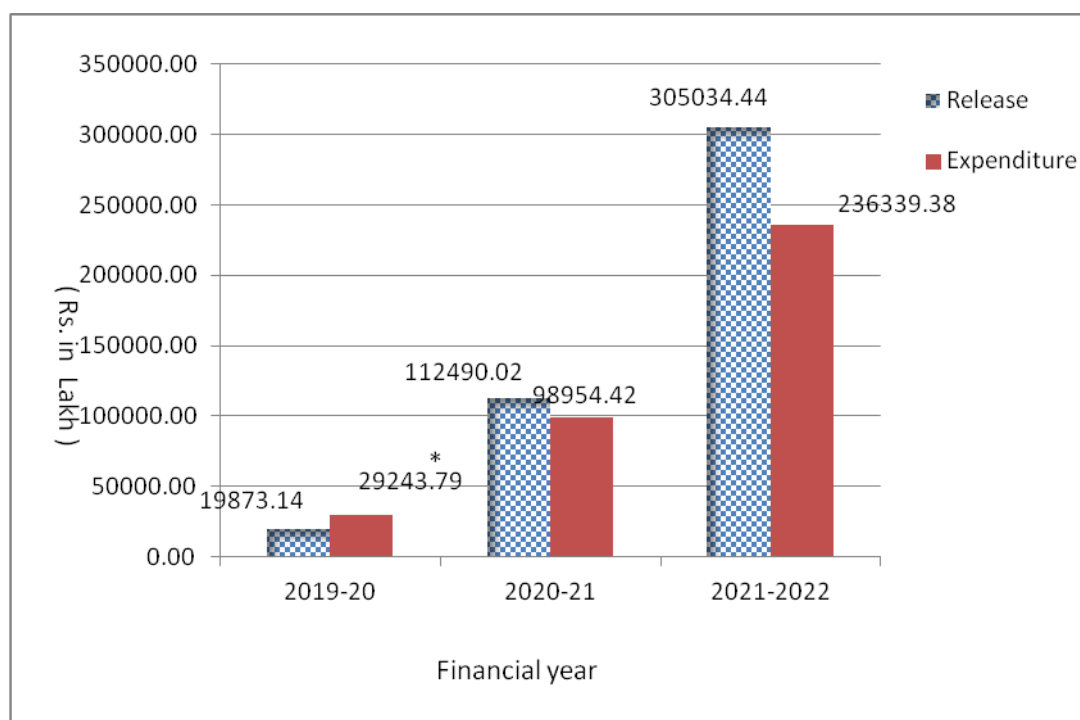


(E) COMPARISON BETWEEN BUDGET RELEASE AND EXPENDITURE

The details of budget release and actual expenditure met by KWA is given below.

(Rs. in Lakh)

Category	2019-20		2020-21		2021-22	
	Release	Expenditure	Release	Expenditure	Release	Expenditure
STATE PLAN	7215.00	8180.11	26252.54	26484.24	26003.11	26053.57
NABARD	7658.14	8681.42	10343.58	10313.13	8342.71	8526.16
JJM/NRDWP	5000.00	12382.26	75893.90	62157.05	270688.62	201759.65
TOTAL	19873.14	29243.79	112490.02	98954.42	305034.44	236339.38



*Over and above this, bills to the tune of Rs. 468.53 crore were pending for want of funds (as on 31-03-2020)

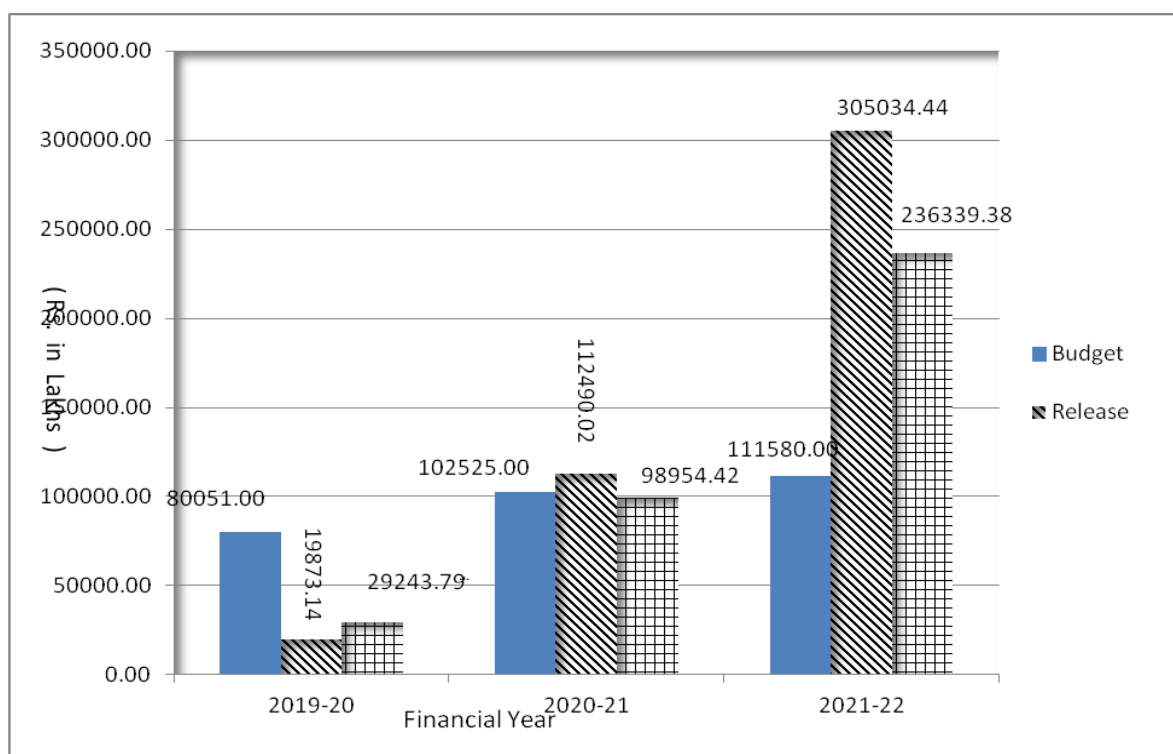


(F) COMPARISON BETWEEN BUDGET ESTIMATE, RELEASE AND EXPENDITURE

The statement of budget estimate, release and actual expenditure met by KWA is given below.

(Rs. in Lakh)

Category	2019-20			2020-21			2021-22		
	Budget	Release	Expenditure	Budget	Release	Expenditure	Budget	Release	Expenditure
STATE PLAN	52051	7215.00	8180.11	16525	26252.54	26484.24	26400	26003.11	26053.57
NABARD	8000	7658.14	8681.42	6000	10343.58	10313.13	5180	8342.71	8526.16
JJM/ NRDWP	20000	5000.00	12382.26	80000	75893.90	62157.05	80000	270688.62	201759.65
TOTAL	80051	19873.14	29243.79	102525	112490.02	98954.42	111580	305034.44	236339.38



*Over and above this, bills to the tune of Rs. 468.53 crore were pending for want of funds (as on 31-03-2020)

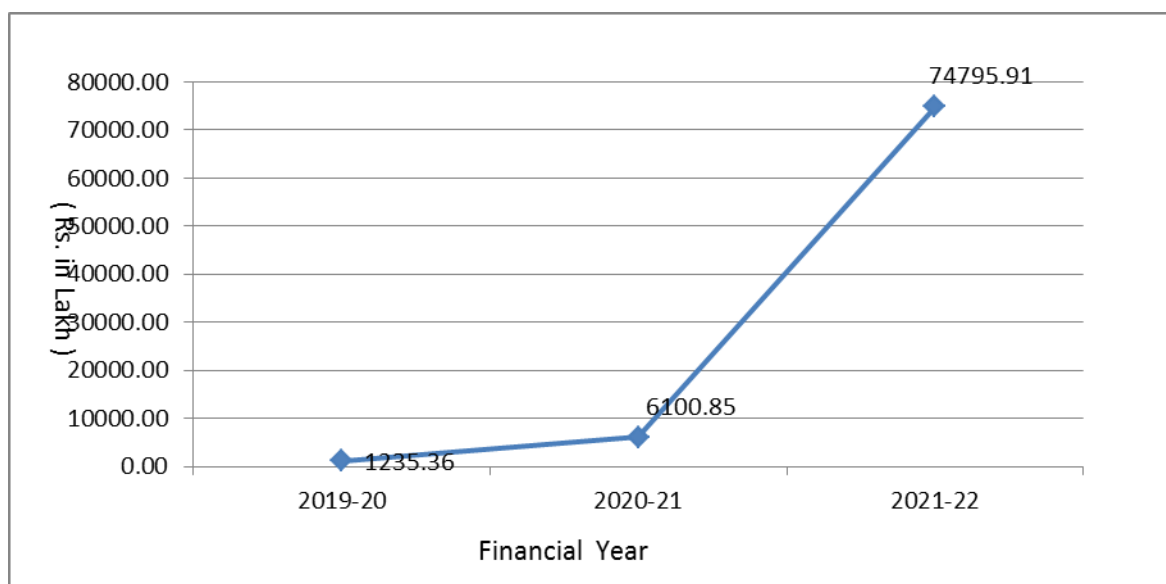


(G) .DETAILS OF UNSPENT BALANCE FOR LAST THREE YEARS

The details of unspent balance of fund received from Government of Kerala for last three years are given below.

(Rs. in Lakh)

Year	2019-20	2020-21	2021-22
Opening Balance	2140.90	1235.36	6100.85
Release	19873.14	112490.02	305034.44
Expenditure	29243.79	98954.42	236339.38
Less: Amount resumed and expenditure met	4205.00		
Add: Amount resumed in previous years and settled		2000.00	
Less: Amount recouped which is utilised in previous year		10670.11	
Add: Amount utilised from own fund	12670.11		
Closing Balance	1235.36	6100.85	74795.91



Annexure I

FORMAT OF TABLES IN CHAPTER II OF PERFORMANCE BUDGET 2021-22

Rupees in Lakh

Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
1	Survey and investigation 2215-01-190-99(1)	Investigation works and preperation of detailed project reports for various water supply schemes, procurement of survey equipments	-	100	-9.1	-	Preperation of engineering reports based on survey reports	Preperation of 15 Nos of DERs		14	90.9	14 number of works completed		
2	NABARD Assisted Rural Water Supply Schemes -Rural Infrastructure Development Fund 4215-01-102-98(1)	For providing piped water supply to rural areas of Kerala by completing the NABARD assistance schemes	-	5180	3162.71	-	Piped water supply will be provided to rural areas of Kerala with NABARD assistance.	4 schemes having a project cost of Rs.15050.75 lakhs were targetted to be completed		6	8526.16	6 schemes with total project cost of Rs.5940.00 lakhs completed		Additional expenditure incurred from own fund of KWA
3	Manufacturing units for bottled water 2215-01-190-96	To set up the bottled water plant at Trivandrum	-	90	-26.65	-	For providing good quality packaged/ bottled water through KWA at resonable price to public	Marketing of Packaged Drinking water		1	63.34	The civil and mechanical work are completed.The Bottled water Plant at Aruvikkara has been handed over to KIIDC on 28.2.2020		
4	Renovation of existing Civil Structures owned by KWA 2215-01-190-92	For the renovation of existing civil structures owned by KWA,preventive maintenance of assets of KWA	-	300	471.31		Ensure that the civil structures of KWA including service reservoirs, office buildings, treatment plants, pumphouses, staff quarters etc are maintained in good condition	29 Nos of maintenace works of various dilapidated civil structures like office buildings, treatment plant, pump houses, tanks,etc throughout the State.		26	767.48	26 works which include maintenace of civil structures through out kerala such as KWA,office buildings,guest houses,tanks, and pump houses were completed		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
5	Innovative Technologies and Modern Management Practices 2215-01-101-97(1)	Reduction in NRW , efficiency improvement of water supply schemes,reduction in wastage of treated water,modernisation of schemes, installing flowmeters, smart metres etc.Also targetted to adopt latest packages in network management, utilisation of solar energy, asset management and pumphouse automation.	-	100	-10.08	-	Reduction in NRW, efficiency improvement of water supply schemes,reduction in wastage of treated water, modernisation of schemes, increased revenue and increased efficiency of pumphouses and reduced wasteful power consumption	10 number of works were proposed to be taken up for reducing the NRW, improving energy efficiency and also for adopting latest Innovative Technologies in KWA		17	90.54	During the year 2021-2022, 17 works which includes setting up of solar power plants over roof top of tanks,automation of pumphouses etc were caompleted		Additional expenditure incurred from own fund of KWA
6	Human Resource Development, Research & Development and Quality Control 4215-01-800-91	To impart training and capacity building scivities as a part of HRD to elevate the attitude,skill and knowledge of employees of KWA, thereby equipping them to meet organisational needs	-	100	-67.9	-	An organisation with Human Resources who are developed to provide technically competent, socially responsible and sustainable service	For providing training for an average of 2000 persons per year in KWA and for conducting Workshops etc		5197	30.40	A total of 5197 officials participated in the in-house and outside trainings and related HRD activities in the year 2021-22		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
7	Sewerage schemes of Kerala Water Authority 4215-02-190-99	To enhance the undersized lines to the desired size, to repair damaged manholes so as to avoid overflow of sewage and to provide sewerage facility to areas where no other source of sewerage disposal system exist, to improve the sewerage network	-	2460	-701.97		Prevention of pollution of ground water, river and other water bodies from sewage, improved sewerage network coverage thereby preventing environmental and human health hazards. Reduction in spread of water borne diseases by providing piped drainage system	54 No of works for maintenance of sewerage network , extending sewerage network, setting up of STPs, construction/re-construction of manholes etc		37	1758.07	37 works were completed in 2021-22, which includes rehabilitation/extension of sewerage network, rehabilitation of old dilapidated man holes, construction of new man holes etc		Additional expenditure incurred from own fund of KWA
8	Rehabilitation/Improvement Works of Urban Water Supply Schemes-UWSS 4215-01-101-97	Improving coverage in Urban areas which included extension of pipelines/replacement of wornout pipelines - pumping mains, gravity mains, distribution lines, repair/ replacement of pumpsets or connected accessories etc	-	4500	-3854.51	-	Improved coverage and better water supply facilities to urban areas.	5 no of works were targetted to be completed.		4	645.44	During 2021-2022 4 nos works were completed		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
9	Rural Water Supply Schemes 4215-01-102-97	For providing water supply to rural areas of the state by implementing new schemes/ augmentation of existing schemes in unserved and underserved areas.Hence alternate schemes are planned and proposed to be take up new schemes under this annual plan. Completion of ongoing rural schemes is also proposed under this head	-	1000	4619.6	-	Many grama panchayths do not have treated water supply and this has improved and better water supply facilities are provided to rural areas. As per JJM of GoI all rural habitations have to be provided with potable drinking water by 2024.	Completion of 11 number of schemes/works for supplying water to the rural population		4	5618.96	During 2021-2022 4 nos works were completed		
10	Water Supply Scheme to specified institutions/locations 4215-01-800-90	This scheme is intended for providing uninterrupted water supply to some Specified Institutions/ Locations.	-	100	-3.8	-	Ensuring uninterrupted water supply to various institutions/ locations	4 Number of Schemes for supplying water to Medical colleges and other Government Institutions		4	95.58	During 2021-2022 4 works were completed		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
11	Optimisation of production and transmission 4215-01-800-89	Pipes need to be replaced/ rehabilitated to ensure smooth and proper supply of drinking water to the public as well as reduce loss to Kerala Water Authority as NRW. More coverage by pipeline extension. To reduce the gap between the installed capacity and production capacity, WTPs have to be rehabilitated.	-	5000	9723.81	-	Optimisation of production and transmission by replacing old and obsolete pipes and electromechanical items, reduction in NRW, extended coverage through pipelines extension, reduction of water loss due to leakage and breakage of pipes, reduction in annual power charges and gap between installed capacity and production capacity	Administrative sanction for 170 nos of works has been issued for Rs.6830.53 lakhs which include renovation of old water treatment plants, replacement of old pipes of existing water supply schemes, extension of pipe lines & rehabilitation of obsolete pumps and motors.		191	14773.64	191 works were completed which includes renovation of old water treatment plants, pipe replacement of existing water supply schemes, pipe lines extensions, replacement of obsolete pumps, motors etc.		Addition al expenditure incurred from own fund of KWA
12	Kerala Water Supply Project, JICA (One time sustenance support under the State Plan) 4215-01-800-88	For implementing JICA assisted Kerala Water Supply Project in Thiruvananthapuram, Meenad, Cherthala, Kozhikode and Pattuvam	-	750	-6.05	-	JICA Assisted water supply projects is one of the major external aided drinking water programme of the state. The project envisages water supply projects in Thiruvananthapuram, Meenad, Cherthala, Kozhikode and Pattuvam.	To complete the balance distribution system in Meenad and Kozhikode schemes and rehabilitation of two WTPs at TVPM			743.95	The distribution networks envisaged for Trivandrum, Cherthala and Pattuvam have been laid. The distribution works of Kozhikode scheme were closed as on 31.03.2020, as per decision of KWA board held on 03.01.2020. The distribution works in Meenad scheme was closed as on 23.04.2021. The balance distribution lines in Kozhikode and Meenad schemes are being arranged through JJM		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
13	Drinking water - Drought mitigation and Emergency Works 2215-01-800-47	It is proposed to take up works for providing water supply during natural calamities and other emergency situations	-	1000		-	Adequate infrastructure has to be ensured for uneven climate change. Besides the natural calamities, emergency situations require immediate interventions.	218 works amounting to Rs. 985.286 lakhs were given administrative sanction in 2021-22		55	997.44	55 works were completed , 148 works are ongoing and 15 works dropped.		
14	Modernisation of Aruvikkara Pumping Station 4215-01-101-96	For modernisation of the old scheme functioning according to traditional methods	-	100	-0.9	-	Improving water supply to TVM city	The work is replacement of pumpset in pumping station to the Water Treatment Plant at Aruvikkara.,Improving Safety measures in WTP,Construction of control room etc		1	99.09	Work completed. Minor civil works pending		
15	Enterprise Resource Planning (ERP), E-Governance, GIS and Information Management 2215-01-190-87	Maintenance and Development of IT infrastructure in Kerala Water Authority	-	100	-9.54	-	This targets for the maintenance and support of e abacus and KWA wide Area Network and for development of small utility softwares. For availing support for DDFS, March, O&M , LIMS, PASK etc. For purchase of tablets, computers and their peripherals, Network components spares Anti virus Software.	Development of new in house software for various wings in KWA. Annual Maintenance Contract for up keeping of computers, printers, servers, network components etc. Purchase of required number of computers and peripherals, UPS, UPS batteries, UTM, Laser printer, Dot Matrix printer, Work centre, Biometric punching machine,Network components, Servers,Antivirus software, Palmheld, tablets, laptops with related software etc. Leased line and internet connectivity management in existing offices and rollout in pending offices.Revamping of e-Abacus completion activities Availing support for DDFS, MARCH and O&M software. 100% achievement in implementing Quick pay Portal. Implementation of BBPS.100% Computerisation of all revenue collection centres of KWA 100% Implementation of introducing POS Machines based on banks willingness at all Revenue centres. Implementing Mobile Application for meter readers and spot payment of water charges. Implementing the 24 Hours Call centre for complaint redressal (1916). Implementation of ERP in KWA			98.9	KWA launched revamped website to make all information about KWA transparent and available to public.Website is maintained in house.Launched Service Interruption Module used for notifying water supply interruptions via SMS to registered phone number of consumers.Bill related and payment related information are sent via SMS. PASK,MARCH and O&M managemnet systems are continously updated and upgraded.Developed GIS based optimal site selection system to select most suitable ste for STPs. Contractor license application/renewal /upgradation etc are made online. Water quality testing fee can be paid online.Digita banking solution FAMS has been launched.Launcehd online application for publishing Authority's tender notfications.Online water and sewer connection system E-tapp launched		Additional expenditure incurred from own fund of KWA



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
16	Source improvement and water conservation 4215-01-800-92	Enhancement of storage capacity at water sources and thereby improving scheme efficiency so as to bridge the seasonal variations in water level	-	200	-10	-	This ensures that the sufficient water is available in the source by strengthening the source and increasing the storage capacity. Construction of check dams and regulators are necessary to ensure the maximum storage of water.	8 nos of works including open well desilting, gallery cleaning etc		13	179.84	During 2021-2022, 13 works were completed		
17 (a)	Jal Jeevan Mission (NRDWP) Scheme (50 % CSS) 4215-01-102-92	For providing 50% state share for the ongoing ARWSS.	-	40000	95344.31		Providing piped water supply to all rural households in India by 2024. For completion of such scheme an equal share from state government is required.	Targetted to provide 2937564 FHTC		663874 FHTC	105975.43	Provided 6.64 lakhs additional FHTCs in rural area. 10 GPs achieved 100% coverage. Provided safe drinking water to all rural schools and anganwadis. 19 Quality control labs got NABL accreditation. 5000 Kudumbasree women trained and deployed in Panchayats for water quality testing using Field Test Kits (FTK)	2019-2024	
(b)	Jal Jeevan Mission (NRDWP) Scheme (50 % CSS) - Central share 4215-01-102-92(01)	For providing 50% state share for the ongoing ARWSS.			5114.77	40000					95784.22			



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
18	Works for the prevention of river pollution and creating awareness for the compliance of NGT direction (2215-02-106-97)	Prevention of sewage pollution in rivers, conducting awareness programmes through public gathering, posters, advertisements in print and visual media regarding the importance of maintaining the water quality of rivers, setting up STP s at feasible locations		500	-500		Prevention of sewage pollution in rivers, conducting awareness programmes through public gathering, posters, advertisements in print and visual media regarding the importance of maintaining the water quality of rivers, setting up STP s at feasible locations	AS for Rs.334.60 lakhs has been accorded for 12 no of works			0	Works are in various stages of execution		



Sl No	Name of Scheme	Objectives	Outlay 2021-22				Quantifiable Deliverables/ Physical outputs	Target Fixed		Target Achieved		Projected outcomes	Period of implementation	Remarks/ Risk Factors
			Non Plan Budget	Plan Budget	Complementary Extra Budgetary Resources	Central Assistance if any		Physical	Financial	Physical	Financial			
1	2	3	4 (i)	4 (ii)	4 (iii)	4 (iv)	5	6		7		8	9	10
19	ADB assisted Kerala Urban Water Supply Improvement Project- KUWSIP (EAP) 4215-01-101-94	ADB Assisted KUWSIP aims at improving the water supply in Kochi and Thiruvananthapuram Corporations by rehabilitating the old production components and the network, there by achieving 24x7 water supply in the above areas by considerable reduction of Non Revenue water (NRW) and overall improvement of efficiency.	-	10000	-10000	-	GOK accorded administrative sanction for the project at a total outlay of Rs. 2511 crores on 07.02.2020. Project proposes NRW reduction from 51% to 20%	KWA has envisaged to provide 24 x 7 water supply in Kochi and Thiruvananthapuram city regions, under the financial assistance of Asian Development Bank (ADB:State Share - 70:30). Government of Kerala has accorded Administrative Sanction for the above project for a total outlay of Rs. 2511 Crores. The project also aims at reducing the NRW to the National benchmark of 20% in the both the above cities, by replacing the old and damaged pipes, making necessary modification/ renovation of the production components, installing flow meters, pressure release valves etc, and inclusion of innovative technologies like SCADA telemetry. The draft request for proposal (RPF) and draft bidding document to Kochi networks is submitted to Gok to obtain sanction to include conditions related to international Arbitration. Further progress in this regard is expected as soon as the sanction from Gok is received.		0	0	An amount of Rs 10000 lakh was provided for the project during 2021-202, which has not been utilised yet. Expression of interest for selection of the loan implementation support unit (LISU) has been invited and shortlisting of consultants completed. The draft request for proposal and draft bidding document to Kochi networks is submitted to GoK to obtain sanction to include conditions related to International Arbitration. Approval of Government is also sought for incorporating ADB guidelines on International Arbitration with venue as Singapore in the above documents. Further progress of the KUWSIP is subject to approval of the submitted documents from GoK.		
	TOTAL			71580	103236.01	40000					236339.38			



Annexure II

Statement of Outlays/ Outcomes/ Target 2020-2021 and Actual Achievement 2020-21PLAN/MAJOR SCHEMES

Rupees in Lakh

Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
1	Survey and investigation 2215-01-190-99(1)	Investigation works and preperation of detailed project reports for various water supply schemes, procurement of survey equipments	100	66.56	Preperation of engineering reports based on survey reports	50 numbers of DER/PER prepared	
2	NABARD Assisted Rural Water Supply Schemes - Rural Infrastructure Development Fund 4215-01-102-98(1)	For providing piped water supply to rural areas of Kerala by completing the NABARD assistance schemes	6000	10313.13	Piped water supply will be provided to rural areas of Kerela with NABARD assistance.	5 schemes with total project cost of Rs.5940.00 lakhs completed	
3	Manufacturing units for bottled water 2215-01-190-96	To set up the bottled water plant at Trivandrum	200	200	For providing good quality packaged/ bottled water through KWA at resonable price to public	The civil and mechanical work are completed.The Bottled water Plant at Aruvikkara has been handed over to KIIDC on 28.2.2020	
4	Renovation of existing Civil Structures owned by KWA 2215-01-190-92	For the renovation of existing civil structures owned by KWA	300	289.08	Ensure that the civil structures of KWA including service reservoirs, office buildings, treatment plants, pumphouses, staff quarters etc are maintained in good condition	31 works which include maintenance of civil structres through out Kerala such as KWA office buildings, guest houses,tanks, staff quarters and pump houses are completed.	



Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
5	Innovative Technologies and Modern Mangement Practices 2215-01-101-97(1)	Reduction in NRW , efficiency improvement of water supply schemes,reduction in wastage of treated water,modernisation of schemes, installing flowmeters, smart metres etc.Also targetted to adopt latest packages in network management, utilisation of solar energy, asset management and pumphouse automation.	50	19.08	Reduction in NRW, efficiency improvement of water supply schemes,reduction in wastage of treated water, modernisation of schemes, increased revenue and increased efficiency of pumphouses and reduced wasteful power consumption	During the year 2020-21,11 works which includes setting up of solar power plants over roof top of tanks, automation of pumphouses, procurement of sophisticated equipments for the State Referral Lab at Nettoor etc.are completed.	
6	Human Resource Development, Research & Development and Quality Control 4215-01-800-91	Providing HRD and training activities in KWA for resources improvement quality control measures new research activities etc	100	28.40	Improving technical knowledge of KWA staff	A total of 2154 officials were trained in the in-house training and outside training in the year 2020-2021	
7	Sewerage schemes of Kerala Water Authority 4215-02-190-99	To enhance the undersized lines to the desired size, to repair damaged manholes so as to avoid overflow of sewage and to provide sewerge facility to areas where no other source of sewage disposal system exist.	800	742.13	Prevention of pollution of ground water,river and other water bodies from sewage, improved sewerage network coverage thereby preventing environmental and human health hazards. Reduction in spread of water borne diseases by providing piped drainage system	17 works completed which includes replacement of old sewer lines, extension of sewerage network,rehabilitation of old dilapidated man holes,construction of new man holes etc.	Additional expenditure incurred from own fund of KWA



Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
8	Rehabilitation/ Improvement Works of Urban Water Supply Schemes-UWSS 4215-01-101-97	Improving coverage in Urban areas which included extension of pipelines/replacement of wornout pipelines - pumping mains, gravity mains, distribution lines,repair/ replacement of pumpsets or connected accessories etc	5000	1894.04	Improved coverage and better water supply facilities to urban areas.	The work " Improvement of WSS to Manjeri-Veetikkunnu ward No. 28,29,20,31 and 32 of Manjeri Munciplaity" amounting to Rs. 280 lakhs completed. Calicut WSS- Interconnection and shifting of service lines from old AC pipe to newly laid PVC lines of JICA at various wards at Kozhikode Corporation amounting to Rs. 35 lakhs also completed.	
9	Rural Water Supply Schemes 4215-01-102-97	For providing water supply to rural areas of the state by implementing new schemes/augmenting of existing schemes in unserved and underserved areas.Hence alternate schemes are planned and proposed to be take up new schemes under this annual plan. Completion of ongoing rural schemes is also proposed under this head	1000	7143.20	The rural piped water supply coverage of the state was only 33%. Many grama panchayths do not have treated water supply and this has improved and better water supply facilities are provided to rural areas. As per JJM of GoI all rural habitations have to be provided with potable drinking water by 2024.	During 2020-21,3 No. of projects (CWSS to Ayroor-Kanjettukara in Pathanamthitta-Phase II, CRWSS to Elappara and adjoining villages- Providing distribution lines in Peermade panchayath and WSS to Eruvatty village in Pinarayi Panchayath of Talassery Taluk in Kannur district-Laying Distribution network,Maintenance of existing OH tank at Mullankunnu and BMBC crossing by HDD) each worth more than 5 crores were completed and 3 no. of minor works for improvement of water supply to rural population has been completed.	
10	Water Supply Scheme to specified institutions/locations 4215-01-800-90	This scheme is intended for providing uninterrupted water supply to some Specified Institutions/ Locations.	75	72.36	Ensuring uninterrupted water supply to various institution/locations	Administrative sanction is issued for an amount of Rs. 75 lakhs for 5 works in 2020-21 which includes water supply to taluk hospital,school,civil station etc. Three works amounting to Rs. 104.30 lakhs were completed in 2020-21.	



Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
11	Optimisation of production and transmission 4215-01-800-89	Pipes need to be replaced/ rehabilitated to ensure smooth and proper supply of drinking water to the public as well as reduce loss to Kerala Water Authority as NRW. More coverage by pipeline extension. To reduce the gap between the installed capacity and production capacity, WTPs have to be rehabilitated.	5000	12623.18	Optimisation of production and transmission by replacing old and obsolete pipes and electromechanical items, reduction in NRW, extended coverage through pipelines extension, reduction of water loss due to leakage and breakage of pipes, reduction in annual power charges and gap between installed capacity and production capacity	During the financial year 2020-21, 156 works were completed which includes renovation of old water treatment plants, pipe replacement of existing Water Supply Schemes, pipe lines extensions, replacement of obsolete pumps, motors etc. The performances of the schemes were improved and the output was enhanced by such works. Out of the 156 works completed, 10 works are worth more than 1 crore.	Additional expenditure incurred from own fund of KWA
12	Kerala Water Supply Project, JICA (One time sustenance support under the State Plan) 4215-01-800-88	For implementing JICA assisted Kerala Water Supply Project in Thiruvananthapuram, Meenad, Cherthala, Kozhikode and Pattuvam	1000	1600	JICA Assisted water supply projects is one of the major external aided drinking water programme of the state. The project envisages water supply projects in Thiruvananthapuram, Meenad, Cherthala, Kozhikode and Pattuvam.	The distribution works of Kozhikode scheme was closed on 31.3.2020 and Meenad scheme on 31.12.2020. Physical progress during 2020-21 is 22 km distribution main. Balance distribution lines in Kozhikode and Meenad schemes are being arranged through Jal Jeevan Mission	Additional expenditure incurred from own fund of KWA
13	Drinking water - Drought mitigation and Emergency Works 2215-01-800-47	It is proposed to take up works for providing water supply during natural calamities and other emergency situations	1000	999.9	Drought has become a threat to our state. Adequate infrastructure has to be ensured for this uneven climate change. Besides the natural calamities, emergency situations require immediate interventions.	During the year 2020-20, 240 works has been carried out for improving the water supply during drought and covid pandemic periods.	Additional expenditure incurred from own fund of KWA
14	Modernisation of Aruvikkara Pumping Station 4215-01-101-96	For modernisation of the old scheme functioning according to traditional methods	100	632.08	Improving water supply to TVM city	Work completed. Minor civil works pending.	



Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
15	Enterprise Resource Planning (ERP), E-Governance, GIS and Information Management 2215-01-190-87	Maintenance and Development of IT infrastructure in Kerala Water Authority	100	149.99	This targets for the maintenance and support of e abacus and KWA wide Area Network and for development of small utility softwares. For availing support for DDFS, March, O&M , LIMS, PASK etc. For purchase of tablets, computers and their peripherals, Network components spares Anti virus Software.	Contract Staff 3 nos employed for the development of new in house software and developed two software,for availing support for DDFS, MARCH and O&M software, LIMS, Pension Software in KWA through NIC completed and it's testing going on,.Development of new in house software are in progress for various wings in KWA,For AMC for up keeping of computers, printers, servers, network components etc,Purchase of Network components, multifunctional printers, computers, Antivirus software. desktop monitors, computers, laptops, scanners, raid cards etc.,For leased line and internet connectivity management in existing offices, 100% achievements in implementing Quick pay portal, implementation of BBPS,100% Computerisation of all revenue collection centers of KWA,100% Implementation of Introducing POS machines based on banks willingness at all Revenue centers, implementing Mobile application for meter readers and spot point of water charges wherever the consumer requires,revamping of e-Abacus completion activities,implemented the 24 Hours Call center for complaint redressal (1916)	
16	Completion of on-going National Rural Drinking Water Programme (NRDWP) schemes 4215-01-102-95	Providing potable drinking water to rural population	500	0	Providing potable drinking water to rural population	12 schemes benefitting a total population of 459893 were completed in 2020-21	



Sl No	Name of the Scheme / Programme	Objectives/ outcome	Budget Outlay 2020-21	Expenditure 2020-2021	Deliverables/ Physical outputs	Achievement	Reason for variation
1	2	3	4	5	6	7	8
17	Source improvement and water conservation 4215-01-800-92	Enhancement of storage capacity at water sources and thereby improving scheme efficiency so as to bridge the seasonal variations in water level	200	24.24	This ensures that the sufficient water is available in the source by strengthening the source and increasing the storage capacity. Construction of check dams and regulators are necessary to ensure the maximum storage of water.	In year 2020-21, 9 works were completed.	
18	Jal Jeevan Mission (NRDWP) Scheme (50 % CSS) 4215-01-102-92	For providing 50% state share for the ongoing ARWSS.	40000	62157.05	Providing piped water supply to all rural households in India by 2024. For completion of such scheme an equal share from state government is required.	4.05 lakh connections were given in 2020-21	
19	ADB assisted Kerala Urban Water Supply Improvement Project- KUWSIP (EAP) 4215-01-101-94	ADB Assisted KUWSIP aims at improving the water supply in Kochi and Thiruvananthapuram Corporations by rehabilitating the old production components and the network, there by achieving 24x7 water supply in the above areas by considerable reduction of Non Revenue water (NRW) and overall improvement of efficiency.	1000	0	GOK accorded administrative sanction for the project at a total outlay of Rs. 2511 crores on 07.02.2020. Project proposes NRW reduction from 51% to 20%	An amount of Rs 1000 lakh was provided for the project during 2020-2021, which was not utilised. Expression of interest for selection of the loan implementation support unit (LISU) was invited and shortlisting of consultants completed. The draft request for proposal and draft bidding document to Kochi networks is submitted to GoK to obtain sanction to include conditions related to International Arbitration.	
	TOTAL		62525	98954.42			



(Annexure - A)

Trends in Expenditure viz-a-viz Budget Estimates/ Revised Estimates in recent years (PLAN)

(Rs. in Lakh)

SI No	Name of Scheme/ Programme	Major Head	Budget				Revised Estimate			Actual Expenditure		
			2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3										
1	Survey & Investigation	(2215-01-190-99-0)	200.00	100.00	100.00	110.00	200.00	66.56	90.90	132.80	66.56	90.90
2	NABARD Assisted RWSS	(4215-01-102-98-0)	8000.00	6000.00	5180.00	8020.00	8000.00	10371.45	8342.71	8681.42	10313.13	8526.16
3	Manufacturing units for Bottled water	(2215-01-190-96)	500.00	200.00	90.00	90.00	133.37	200.00	63.35	133.12	200.00	63.34
4	Renovation of Existing Civil structures owned by KWA	(2215-01-190-92)	500.00	300.00	300.00	500.00	500.00	299.79	771.31	0.00	289.08	767.48
5	Human Resources Development Research & quality control	(4215-01-190-99)	200.00				200.00			36.98		
6	Sewerage scheme of Kerala Water Authority	(4215-02-190-99)	950.00	800.00	2460.00	3005.00	950.00	736.86	1758.03	28.52	742.13	1758.07
7	Rehabilitation /Improvement of UWSS	(4215-01-101-97)	10000.00	5000.00	4500.00	4500.00	10000.00	1911.32	645.49	295.96	1894.04	645.44
8	Modernisation of Aruvikkara Pumping Station	(4215-01-101-96)	1.00	100.00	100.00	100.00	1.00	632.08	99.10		632.08	99.09
9	Rural Water Supply Scheme	(4215-01-102-97)	13000.00	1000.00	1000.00	1000.00	13000.00	8036.43	5619.60	1985.89	7143.20	5618.96
10	Water Supply Scheme to Specified Institutions / Locations	(4215-01-190-98)	200.00				200.00					
11	E.governance, GIS and information management	(2215-01-190-87)	500.00	100.00	100.00		500.00	150.00	90.46	100.60	149.99	98.90
12	Optimisation of production and transmission	(4215-01-190-97)	10000.00				10000.00			2054.41		
13	Innovative technologies and Modern Management Practices	(2215-01-101-97 (0	100.00	50.00	100.00	100.00	100.00	19.08	89.92		19.08	90.54
	C assisted Projects	(4215-01-190-96)	7500.00				7500.00			2492.85		



SI No	Name of Scheme/ Programme	Major Head	Budget				Revised Estimate			Actual Expenditure		
			2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3										
15	Drinking water Drought Mitigation	2215-01-800-47	3000.00	1000.00	1000.00	1000.00	3000.00	938.47	1000.00	918.98	999.90	997.44
16	Accelerated Rural WSSs -50% State share NRDWP	4215-01-102-93	20000.00				20000.00			12382.26		
17	Completion of ongoing NRDWP	4215-01-102-95	5000.00	500.00			5000.00					
18	Source Improvement and water Conservation	4215-01-800-92	400.00	200.00	200.00	200.00	400.00	26.83	190.00		24.24	179.84
19	Jala Jeevan Mission/ NRDWP (including 50% State share)	4215-01-102-92		80000.00				70500.00			62157.05	
20	ADB assisted Kerala Urban Water Supply improvement Project - KUWSIP (EAP)	4215-01-101-94		1000.00	10000.00	10000.00		0.00				
21	Human Resources Devt. Research & Devt & qlty control	4215-01-800-91		100.00	100.00	100.00		28.41	32.10		28.40	30.40
22	Water Supply Scheme to Specified Inst/ locations	4215-01-800-90		75.00	100.00	200.00		72.36	96.20		72.36	95.58
23	Optimisation of production and transmission	4215-01-800-89		5000.00	5000.00	5000.00		12464.93	14723.81		12623.18	14773.64
24	JICA assisted Projects	4215-01-800-88		1000.00	750.00	500.00		1565.77	743.95		1600.00	743.95
25	Works for the prevention of river pollution and creating awareness for the compliance of NGT directions	2215-02-106-97			500.00	250.00						
26	E -governance GIS and information management	2215-01-190-88				100.00						



SI No	Name of Scheme/ Programme	Major Head	Budget				Revised Estimate			Actual Expenditure		
			2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
27	Energy Efficiency Improvement , Optimisation of Electromechanical items. Safety Audit and Ensuring safety in operation of WTP and pump house	4215-1-800-47				500.00						
28	Infrastructure development and surveillance activities under quality control wing of KWA	4215-01-800-86				300.00						
29	Enterprise Resource Planning (ERP)	2215-01-004-99				100.00						
30	Jala Jeevan Mission/ NRDWP - Central share	4215-01-102-92(01)			40000.00	100000.00			45114.77			95784.22
31	Jala Jeevan Mission/ NRDWP - State share	4215-01-102-92(02)			40000.00	50000.00			135344.31			105975.43
	TOTAL		80051.00	102525.00	111580.00	185675.00	79684.37	108020.34	214816.01	29243.79	98954.42	236339.38



(Annexure - B)

Trends in Expenditure viz-a-viz Budget Estimates/ Revised Estimates in recent years (NON PLAN)

SI No.	Name of Scheme/ Programme	Major Head										
			2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	Projects under LAC-ADF	(4215-01-800-93)	2000.00	2000.00	2000.00	2000.00	2000.00	2800.00	2800.00	132.28	3292.55	2809.61
	TOTAL		2000.00	2000.00	2000.00	2000.00	2000.00	2800.00	2800.00	132.28	3292.55	2809.61



Annexure IV

CONCURRENT EVALUATION AND MONITORING OF SCHEMES 2021-22

Rupees in lakhs

Administrative Part						Financial Part						
Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
1	2	3	4	5	6		7	8	9	10	11	12
Survey and investigation-XX-2215-01-190-99 (1)	110	92.40		AS No. PIU1/SP/20/ 2022-23 dt 18.5.2022	18.05.2022	Proceedings issued by Managing Director,KWA for Rs.92.40 lakh						
				AS No. PIU1/SP/21/2022-23 dt 18.5.2022	18.05.2022							
				AS No. PIU1/SP/61/2022-23 dt 2.7.2022	02.07.2022							
				AS No. PIU1/SP/69/2022-23 dt 29.08.2022	29.08.2022							
NABARD RIDF-Rural Water Supply Schemes and Rural Sewerage Network Schemes(4215-01-102-98-01)	8020	0.00										
Manufacturing units for bottled water-2215-01-190-96	90	--				A.S obtained, budget allocation is for clearing bills.						



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Renovation of Existing Civil Structures owned by KWA-2215-01-190-92	500	459.30		AS No. PIU1/SP/04/ 2022-23 dated 11.5.2022	11.05.2022	Proceedings issued by Managing Director,KWA for Rs.457.7 lakh						
				AS No. PIU1/SP/15/2022-23 dated 18.5.2022	18.05.2022							
				AS No. PIU1/SP/16/2022-23 dated 18.5.2022	18.05.2022							
				AS No. PIU1/SP/17/2022-23 dated 18.5.2022	18.05.2022							
				AS No. PIU1/SP/18/2022-23 dated 18.5.2022	18.05.2022							
				AS No. PIU1/SP/34/2022-23 dated 25.5.2022	25.05.2022							
				AS No. PIU1/SP/35/2022-23 dated 25.5.2022	25.05.2022							
				AS No. PIU1/SP/36/2022-23 dated 25.5.2022	25.05.2022							
				AS No. PIU1/SP/40/2022-23 dated 25.5.2022	25.05.2022							
				AS No. PIU1/SP/50/2022-23 dated 7.6.2022	7.06.2022							
				AS No. PIU1/SP/56/2022-23 dated 14.6.2022	14.06.2022							
				A.S.No.PIU1/SP/57/2022-23 14/06/2022.	14.06.2022							
				A.S.No.PIU1/SP/64/2022-23 105/08/2022.	05.08.2022							



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Innovative Technologies and Modern Management Practices -2215-01-101-97 (1)	100	97.42		AS No. PIU1/SP/22/ 2022-23 dt 18.5.2022	18.05.2022	Proceedings issued by Managing Director,KWA for Rs.97.42 lakh						
				AS No. PIU1/SP/23/ 2022-23 dt 18.5.2022	18.05.2022							
				AS No. PIU1/SP/43/ 2022-23 dt 30.5.2022	30.05.2022							
Human Resource Development, Research & Development 4215-01-800-91	100	100.00		6787/AEE (TC)/2022/KWA dt 28.5.2022	28.5.2022	Proceedings issued by Managing Director,KWA for Rs.100 lakh						
Sewerage Schemes of Kerala Water Authority (4215-02-190-99)	3005	2570.20		AS No. PIU1/SP/07/2022-23 dt 13.5.2022	13.05.2022	Proceedings issued by Managing Director,KWA for Rs.1870.20 lakh						
				AS No. PIU1/SP/08/2022-23 dt 13.5.2022	13.05.2022							
				AS No. PIU1/SP/31/2022-23 dt 24.5.2022	24.05.2022							
				PIU1/SP/59/2022-23 dtd 27.06.2022	27.06.2022							
				AS No. PIU1/SP/60/2022-23 dt 27.06.2022	27.06.2022							
				AS No. PIU1/SP/66/2022-23 dt 10.8.2022	10.8.2022							
				PIU1/SP/68/2022-23 dtd 19.08.2022	19.08.2022							
				PIU1/SP/70/2022-23 dtd 03.09.2022	03.09.2022							
				PIU1/SP/71/2022-23 dtd 05.09.2022	05.09.2022							



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
				PIU1/SP/72/2022-23 dtd 05.09.2022	05.09.2022							
				G.O.(Rt)No.647/2022/WRD dated 25.7.2022	25.07.2022		700		700	700		
Rehabilitation/Improve ment Works of Urban Water Supply Schemes- UWSS(4215-01-101- 97)	4500	4489.34		AS No. PIU1/SP/05/2022-23 dated 11.5.2022	11.5.2022	Proceedings issued by Managing Director,KWA for Rs.4489.34 lakh						
				AS No. PIU1/SP/06/2022-23 dated 11.5.2022	11.5.2022							
				AS No. PIU1/SP/26/2022-23 dated 21.5.2022	21.5.2022							
				AS No. PIU1/SP/27/2022-23 dated 21.5.2022	21.5.2022							
				AS No. PIU1/SP/33/2022-23 dated 25.5.2022	25.5.2022							
				AS No. PIU1/SP/37/2022-23 dated 25.5.2022	25.5.2022							
				AS No. PIU1/SP/39/2022-23 dated 25.5.2022	25.5.2022							
				AS No. PIU1/SP/42/2022-23 dated 28.5.2022	28.5.2022							
				AS No. PIU1/SP/44/2022-23 dated 31.5.2022	31.5.2022							
				AS No. PIU1/SP/49/2022-23 dated 6.6.2022	6.6.2022							
				AS No. PIU1/SP/52/2022-23 dated 15.6.2022	15.6.2022							
				AS No. PIU1/SP/53/2022-23 dated 15.6.2022	15.6.2022							
				AS No. PIU1/SP/54/2022-23 dated 15.6.2022	15.6.2022							
				AS No. PIU1/SP/55/2022-23 dated 15.6.2022	15.6.2022							
	AS No. PIU1/SP/62/2022-23 dated 07.07.2022	7.7.2022										



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Rural Water Supply Schemes (4215-01-102-97)	1000	995.90		AS No. PIU1/SP/05/2022-23 dated 11.5.2022	11.5.2022	Proceedings issued by Managing Director, KWA for Rs.995.90 lakh						
				AS No. PIU1/SP/09/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/14/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/19/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/30/2022-23 dated 24.5.2022	24.5.2022							
				AS No. PIU1/SP/63/2022-23 dated 05.08.2022	05.08.2022							
Water Supply Scheme to Specified Institutions /locations (4215-01-800-90)	200	177.00		AS No. PIU1/SP/13/2022-23 dated 18.5.2022	18.5.2022	Proceedings issued by Managing Director, KWA for Rs 177.00 lakh						
				AS No. PIU1/SP/30/2022-23 dated 24.5.2022	24.5.2022							
				AS No. PIU1/SP/41/2022-23 dated 27.5.2022	27.5.2022							



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Optimisation of Production and Transmission (4215-01-800-89)	5000	4993.78		AS No. PIU1/SP/01/2022-23 dt 28.4.2022	28.4.2022	Proceedings issued by Managing Director, KWA for Rs 4993.78 lakh						
				AS No. PIU1/SP/04/2022-23 dated 11.5.2022	11.5.2022							
				AS No.PIU1/SP/24/2022-23 dt 20.5.2022	20.5.2022							
				AS No. PIU1/SP/38/2022-23 dated 25.5.2022	25.5.2022							
				AS No.PIU1/SP/02/2022-23 dt 4.5.2022	4.5.2022							
				AS No. PIU1/SP/13/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/38/2022-23 dated 25.5.2022	25.5.2022							
				AS No. PIU1/SP/41/2022-23 dated 27.5.2022	27.5.2022							
				AS No.PIU1/SP/51/2022-23 dtd 13.06.2022	13.6.2022							
				AS No. PIU1/SP/32/2022-23 dated 25.5.2022	25.5.2022							
				AS No.PIU1/SP/25/2022-23 dt 20.5.2022	20.5.2022							
				AS No. PIU1/SP/10/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/11/2022-23 dated 18.5.2022	18.5.2022							
				AS No. PIU1/SP/12/2022-23 dated 18.5.2022	18.5.2022							
	AS No. PIU1/SP/41/2022-23 dated 27.5.2022	27.5.2022										



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
				AS No.PIU1/SP/51/2022-23 dt 13.6.2022	13.6.2022							
				AS No.PIU1/SP/62/2022-23 dt 07.07.2022	7.7.2022							
				AS No. PIU1/SP/33/2022-23 dated 25.5.2022	25.5.2022							
				AS No. PIU1/SP/42/2022-23 dated 28.5.2022	28.5.2022							
				AS No. PIU1/SP/49/2022-23 dated 6.6.2022	6.6.2022							
				AS No. PIU1/SP/ 48/2022-23 dated 4.6.2022	4.6.2022							
				AS No.PIU1/SP/51/2022-23 dtd 13.06.2022	13.6.2022							
				AS No.PIU1/SP/67/2022-23 dtd 11.08.2022	11.08.2022							
Kerala Water Supply Project, JICA (One time sustenance support under the state plan) 4215-01-800-88	500			No: 22605/AE II(OP)/2022/KWA dt 11.8.2022	11.8.2022	** A.S obtained, budget allocation is for clearing bills.						
Drinking water - Drought mitigation and emergency works(2215-01-800-47)	1000	260.52		No: 22605/AE II(OP)/2022/KWA dt 11.8.2022	11.8.2022							
				22605/AE II(OP)/2022/KWA dt 1.9.2022 Dated: 01.09.2022	1.9.2022	Proceedings issued by Managing Director, KWA for Rs 260.52 lakh						
				22605/AE II(OP)/2022/KWA (I) dt 1.9.2022	1.9.2022							
				22605/AE II(OP)/2022/KWA (II) Dated: 01.09.2022	1.9.2022							
				No: 22605/AE II(OP)/2022/KWA (III) Dated: 01.09.2022	1.9.2022							



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Modernisation of Aruvikkara Pumping Station (4215-01-101-96)	100					** A.S obtained, budget allocation is for clearing bills.						
E-governance/ GIS and Information Management (2215-01-190-88)	100	100.00		No: 13993/AE2(IT)/2018/ KWA(1) Dated: 30.05.2022	30.5.2022	Proceedings issued by Managing Director, KWA for Rs 100.00 lakh						
				No: 13993/AE2(IT)/2018/ KWA Dated: 30.05.2022	30.5.2022							
Source Improvement and Water Conservation (4215-01-800-92)	200	199.50		AS No.PIU1/SP/01/2022-23 dt 28.4.2022	28.4.2022	Proceedings issued by Managing Director,KWA for Rs 199.50 lakh						
				AS No. PIU1/SP/13/2022-23 dated 18.5.2022	18.5.2022							
				AS No.PIU1/SP/58/2022-23 dt 20.6.2022	20.6.2022							
				AS No.PIU1/SP/67/2022-23 dt 11.8.2022	11.8.2022							
ADB assisted Kerala Urban Water Supply Improvement Project-KUWSIP (EAP)-(4215-01-101-94)	10000					A.S obtained, budget allocation is for clearing bills.						
Works for the prevention of river pollution and creating awareness for the compliance of NGT direction (2215-02-106-97)	250.00	142.00		AS No.PIU1/SP/45/2022-2023 dtd 03.06.2022	3.6.2022	Proceedings issued by Managing Director, KWA for Rs 142.00 lakh						
				AS No PIU1/SP/46/2022-2023 dtd 03.06.2022	3.6.2022							
				AS No PIU1/SP/47/2022-2023 dtd 03.06.2022	3.6.2022							



Name of Scheme	Budget Outlay	Allotment Amount	Date of working group & amount proposed lakhs	AS No. Date & Amount	Date of Proceedings	Remarks	Date & amount of the proposal from the HoD	Date of receipt of the Proposal by the AD	Proposed amount by AD	Amount agreed by FD	Date and Order No. of AD	Date & amount released by the director to the implementing officers/agencies
Energy efficiency improvement, Optimisation of electromechanical items, Safety audit and ensuring safety in operation of WTPs and Pumphouses(4215-01-800-87)	500.00	445.64		AS No. PIU1/SP/03/2022-23 dt 4.5.2022	4.5.2022	Proceedings issued by Managing Director, KWA for Rs 445.64 lakh						
				AS No. PIU1/SP/28/2022-23 dt 24.5.2022	24.5.2022							
				KWA/HO/OP-1/775/2020 Dated: 17.06.2022	17.6.2022							
				15985/AEIII (OPERATIONS)/2022/KWA Dated: 29.06.2022	29.6.2022							
Infrastructure development and surveillance activities under Quality Control Wing of KWA(4215-01-800-86)	300.00	296.90		AS No. PIU1/SP/19/2022-23 dt 18.5.2022	18.5.2022	Proceedings issued by Managing Director, KWA for Rs 296.90 lakh						
				AS No. PIU1/SP/29/ 2022-23 dt 24.5.2022	24.5.2022							
				AS No. PIU1/SP/43/2022-23 dated 30.5.2022	30.5.2022							
				AS No. PIU1/SP/43/2022-23 dated 30.5.2022	30.5.2022							
Enterprise Resource Planning(2215-01-004-99)	100.00	100.00		13993/AE2(IT)/2018/ KWA (III) dated 30.5.2022	30.5.2022	Proceedings issued by Managing Director, KWA for Rs 100.00 lakh						
				13993/AE2(IT)/2018/ KWA (II) dated 30.5.2022	30.5.2022							

