



# **KERALA WATER AUTHORITY**

## **ADMINISTRATIVE REPORT 2021-22**



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## Chapter I

# KERALA WATER AUTHORITY – A PROFILE

The Kerala Water Authority (KWA) was constituted by the Government of Kerala through the Kerala Water Supply and Waste Water Ordinance 1984 converting the then existing Public Health Engineering Department. The ordinance was replaced by the Kerala Water Supply and Sewerage Act 1986 (Act 14 of 1986) and the organization was deemed to have come into force on the 1st day of March 1984. The Act provides for the establishment of an autonomous Authority for the development and regulation of water supply and wastewater collection and disposal in the State of Kerala and for matters connected therewith.

The Authority was established by vesting the properties and assets of the erstwhile Public Health Engineering Department under section 16 of the Act and the assets, rights and liabilities of the Local Bodies and the Kerala State Rural Development Board in so far as they pertain to the execution of water supply and sewerage schemes under Section 18 of the Act.

- **Vision**

We will provide quality water and waste water services in an environmental friendly and sustainable manner.

- **Mission**

We will transform ourselves to a consumer friendly organisation providing services at the doorstep.

- **Strategy**

We will achieve this by being open and honest in our business dealings. Financially self sufficient valuing and developing our employees continuously improving our work practices.

The main functions of the Authority are

- (i) Preparation, execution, promotion, maintenance and financing of the schemes for the supply of water and disposal of waste water.
- (ii) Planning for the State's water supply and sewerage requirements.
- (iii) Preparation of State plans for water supply and collection and disposal of wastewater on the direction of the Government.
- (iv) Establishment of standards for water supply and waste water services.
- (v) Carrying out applied research for efficient discharge of the functions of the Authority.
- (vi) Making provisions for the supply of wholesome water and ,efficient sewerage services to the people in the state.

## Chapter II CONSTITUTION

**As per Act The Act 14 of 1986, (The Kerala Water Supply and Sewerage Act), Section 4, the Authority consists of the following members of .**

1 Chairman – Appointed by the Government.

2 Managing Director – Appointed by the Government.

3 Secretary to Government, Water Resources Department, Government of Kerala.

4 Secretary to Government, Finance Department, Government of Kerala.

5 Secretary to Government, Local Administration Department, Government of Kerala.

6 Secretary to Government, Rural Development Department, Government of Kerala.

7 Two members representing the Local Bodies in the state, appointed by Government.

8 Two members appointed by the Government, one of whom shall be a member belonging to the schedule caste / schedule tribe.

9 A Technical Member, appointed by the Government.

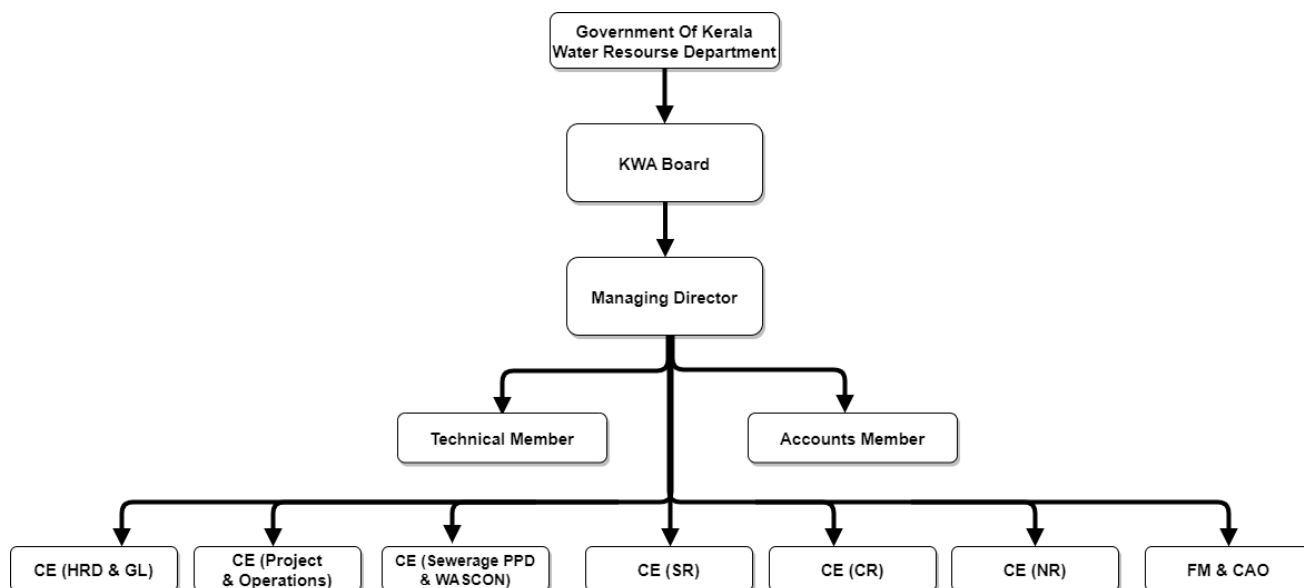
10 An Accounts Member, appointed by the Government

## Members of the Authority during the financial year 2021-22

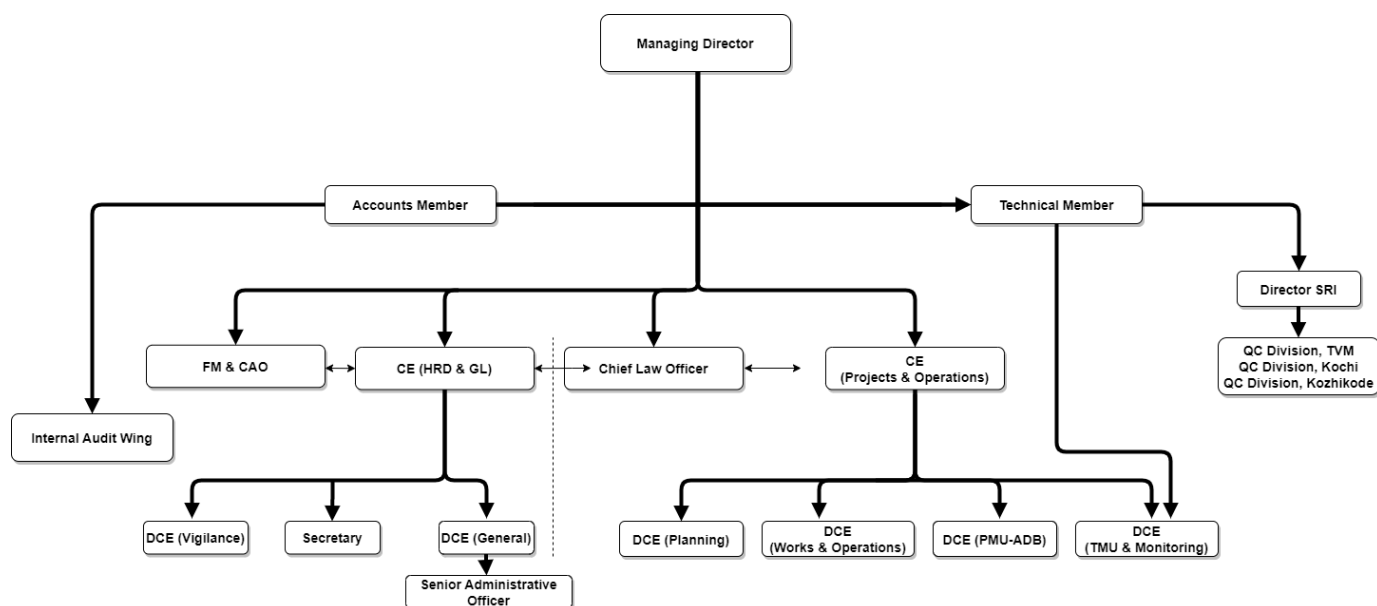
	Designation		Period (01.04.2021– 31.03.2022)
1	Chairman KWA & Additional Chief Secretary Water Resources Department	:	Sri. T.K. Jose IAS (29.06.2020 – 31.03.2021), (01.04.2021 - 31.03.2022)
2	Secretary, Water Resources Department, (Ex-Officio)	:	Sri. PranabjyotiNath IAS (01.04.2021 - 31.03.2022)
3	Managing Director, Kerala Water Authority	:	Sri. Venkatesapathy S. IAS, (01.04.2021 - continuing)
5	Secretary to Government (Finance Expenditure), (Ex-Officio) Additional Secretary, Finance Department	:	Smt. Tixy S Nelson (01.04.2021 - continuing)
6	Secretary to Government, Local Self Government, (Ex-Officio)	:	Smt. SaradaMuraleedharan IAS (01.04.2021- continuing)
7	Executive Director KRWSA, (Ex-Officio)	:	Sri. Venkatesapathy S. IAS
8	Non-Official Members	:	Sri. Murugadas V (Resigned on 10.6.2021)
			Sri. T V Balan ( From 1.3.2021 till new order, dated 09.03.2022 )
			Sri. Alex Kannamala ( From 1.03.2021 till new order Dated 09.03.2022 )
			Sri. ChettachalSahadevan ( From 1.03.21 till new order Dated 09.03.2022 )
			New Board Members were appointed vide Gazette, dated 09.03.2022 (Sri. ShajiPampoori, Adv. Jose Joseph, and Sri. UshalyamSivarajan)
9	Technical Member, Kerala Water Authority	:	Sri. Sreekumar G. (01.04.2021 - continuing)
10	Accounts Member, Kerala Water Authority	:	Sri. V. Ramasubramani IA & AS, (01.04.2021 - 31.03.2022)

## Chapter III ORGANIZATIONAL STRUCTURE

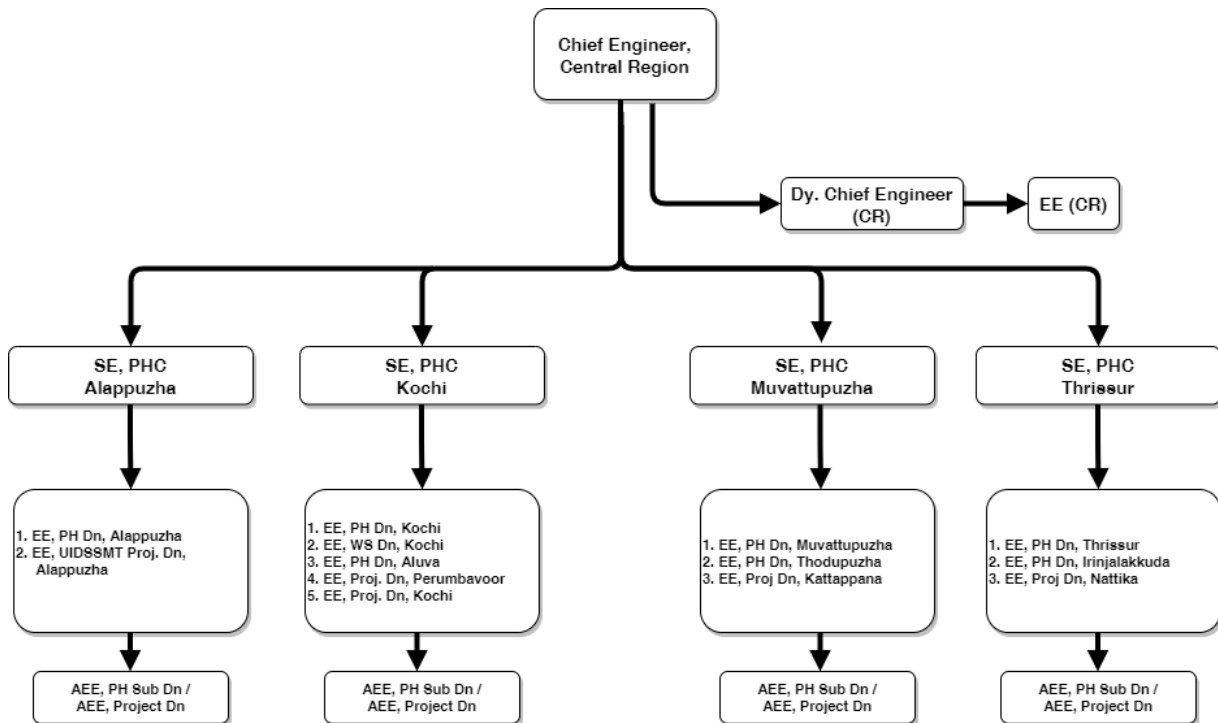
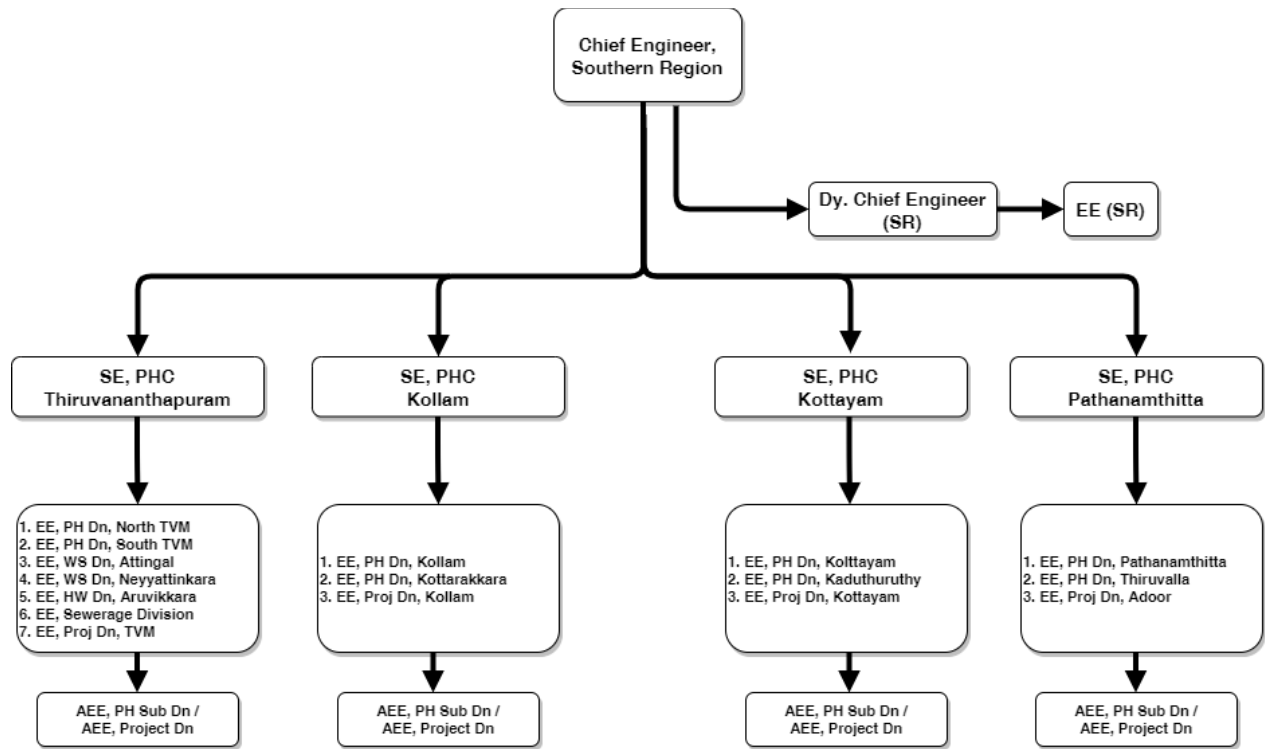
### Basic Structure

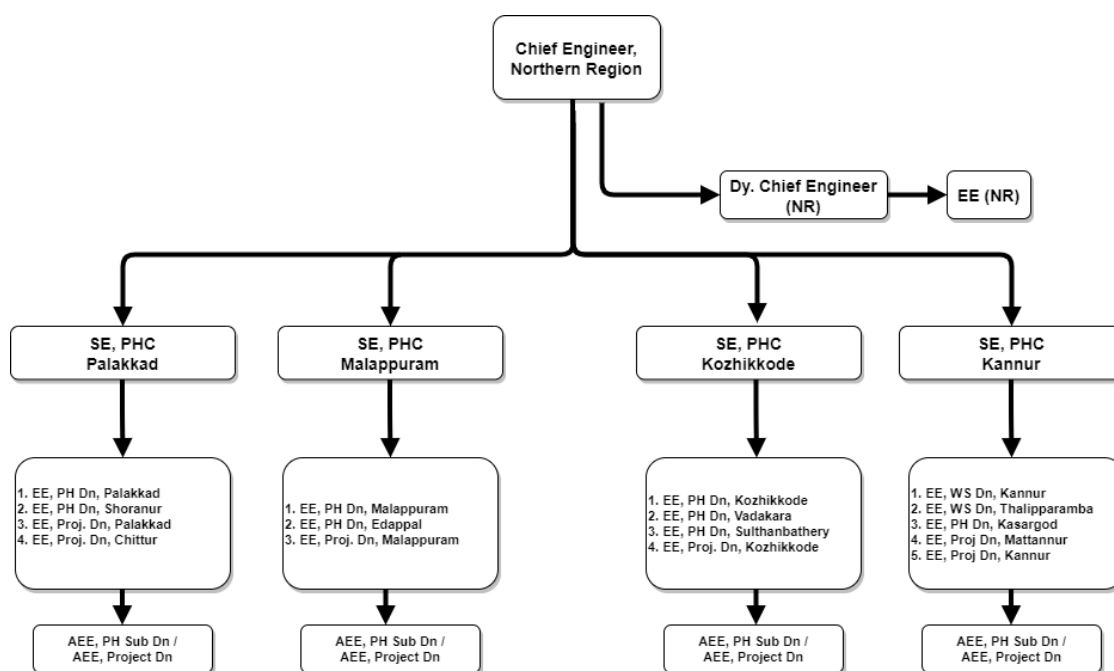


### Head Office



## Regional Offices





## Organisational Structure

The KWA has its Headquarters at Jalabhavan, Vellayambalam, Thiruvananthapuram. It has 4 Chief Engineer offices, 17 Circle Offices, 3 PPD Regional Offices, 49 Division Offices, 135 Sub Division Offices and 294 Section Offices including revenue, projects, sewerage and quality sections spread across Kerala. The major functional units are:

- Operation & Maintenance
- Projects
- Project Planning and Development
- Quality Control
- Consultancy (PPD & WASCON)

The KWA has elaborate water quality control setup with a State Referral Institute at Kochi and has 14 District labs and 33 sub divisional labs.

In head office the operations of existing schemes including O&M, Revenue Collection, Non Revenue Water loss, etc. are also been monitored in addition to the on - going schemes progress. By close monitoring and reviews, many schemes could also be commissioned in the financial year increasing the coverage and benefitting more population in the state. The objective is improved customer satisfaction through better service delivery.

It is necessary to make technical advancements in working style which ensures KWA to do "Smart Work".

## **Major units of KWA**

### **Administrative Wing**

Administrative Wing in Head Office headed by Senior Administrative Officer at Thiruvananthapuram is mainly dealing with Human Resource Management. The database regarding all categories of employees and officers (Ministerial & Technical) and its appointment, sanctioned post and promotion avenues as per special rules in force are kept almost up to date and tidy.

### **Training Centre**

A centralized training centre headed by an Executive Engineer is functioning at Trivandrum with ample training facilities. The unit carries out in-house trainings, workshops, refresher courses etc. Training Centre also facilitates the deputation of officers for higher studies and external training.

### **Vigilance Section**

There is a Vigilance Wing headed by a Deputy Chief Engineer, and consisting of one Executive Engineer, two Asst. Executive Engineers and a Junior Superintendent functioning under the Technical Member. They are entrusted with the task of detailed enquiry of allegations against officers and on the execution of different works and other enquiries entrusted to it in respect of any matter affecting the Authority. The report submitted will be scrutinized by a committee headed by the Technical Member and based on the recommendation, further action will be taken in every case.

### **Internal Audit Wing**

Kerala Water Authority is having an Internal Audit Wing with a section at headquarters and two teams headed by Internal Auditors. These audit teams are deployed for the yearly audit of the accounts and other records of the Accounts Rendering Units. They are also responsible for the follow up action with regard to the audit findings of the Accountant General, Kerala, Stock Verification Reports submitted by two Stock Verification Sub Divisions located at Thiruvananthapuram and Kozhikode, Internal Audit Reports, Special Audit Reports, Reports of different Legislative Committees such as PAC, COPU, Local Fund Accounts Committee, Subject Committee, etc. They report directly to the Accounts Member.

### **Chief Engineer Offices**

- Chief Engineer (Southern Region)
- Chief Engineer (Central Region)
- Chief Engineer (Northern Region)
- Chief Engineer (Sewerage PPD & WASCON)

Under the control of a Chief Engineer, Sewerage PPD & WASCON the consultancy wing of KWA and is authorised to undertake consultancy and construction works in Civil Engineering, provide services to LSGs while taking up infrastructure projects in Water and Sanitation sector.

### **Circle Offices**

There are 17 Circle Offices including Sewerage and Quality wing. The Circle offices are headed by Superintending Engineers.

### **Division Offices**

The Divisions are controlled by Executive Engineers. Depending on the nature of work the Divisions are primarily classified as O&M (PH/WS) Divisions, Project Divisions and Quality Control Division.

These divisions are the main executive unit for the execution of O&M of water supply across the State. The Executive Engineer is responsible for the proper execution of all O & M works in his Division and also in guiding and controlling the subordinate officers in regard to operation and maintenance of all water supply schemes. He has also powers of sanctioning estimates and entering into contracts within the limits of powers delegated to him. As disbursing officer of the Department, all payments for works, supplies and services shall be made by the Executive Engineer in the Division or through the Sub Divisions and Sections under him. The Executive Engineer shall render the prescribed accounts to the FM&CAO.

The Division Office shall have three branches, viz. Technical Branch, Accounts Branch and Establishment Branch. The Technical Branch shall be under a Technical Assistant (Asst Executive Engineer), Accounts Branch under a Divisional Accountants Officer and Establishment Branch under a Junior Superintendent. Revenue Officers are also posted in certain Divisions to look after the revenue related matters.

Executive Engineer is also the liaison officer for dealing department matters with other departments and with Elected Representatives. There are 29 regular divisions looking after operation and maintenance of water supply and one division looking after operation and maintenance of sewerage system in KWA. When the division is authorized the charge of Head works, with a number of major water treatment plants having important transmission mains, particularly a very large population covering cities, municipalities, corporation, the division is called Head Works Division. The control of overall quality of water produced, arranging various maintenance works of TP's and its components is with the Head Works Division.

#### **• Project Divisions**

KWA has 16 Project Divisions across the State exclusively for executing Capital works. The Division is entrusted with the task of envisaging a project, preparation of engineering report, preparing tender documents and executing the project and preparation of contractors' bill of projects related to water supply and sewerage. After trial run, commissioning and rectification of defects by monitoring the trial run, the assets are handed over to the O&M Divisions.

#### **• Quality Control Divisions**

Other than regular divisions and project divisions, KWA has 3 quality control divisions, one at Thiruvananthapuram, Kochi and Kozhikode, with Director SRI(SE) as its head. The quality control divisions control the activities of QC Sub Division offices and QC section offices, including all regional labs. The QC Division monitor the quality of water produced in WTP's and other minor WSS at frequent pre determined intervals. In addition to the inspection of schemes and collection of water samples they also check the quality of chemicals supplied to KWA like Alum, Lime and Bleaching powder.

NABL accreditation of Labs and quality check of private water samples is also a mandate of Quality Control Divisions.

### **Sub Division Offices**

The work of sections is controlled by a sub-division under the control of an Assistant Executive Engineer who is vested with powers, within his delegation, to sanction estimates, enter into contracts and make payments. The Assistant Executive Engineer has also to guide subordinate officers in the matter of operation and maintenance of schemes and take all steps necessary to ensure that quality water supply is ensured to the public. He has to maintain and render accounts as prescribed in the rules and orders in force. The sub division holds the control of all section offices under it. It is in the middle position between the Division and Section Offices, with control of revenue collection and giving connection like that of Non domestic, Industrial etc. Sub Division Office is headed by Assistant Executive Engineer, assisted by Junior Superintendent/Head Clerk and subordinate staff in Office and has control of section offices headed by Assistant Engineers. Sub Division offices collect various fees related to water connection and that like of meter replacement, ownership change, alterations in water connection etc. sub division office looks into the activities of section offices and issue guidance for its proper function time to time. The supervision of works under section offices also comes under the purview, including quality of water distributed.

## **Section Offices**

The lowest executive unit of the organizational set up is the section office under the control of an Assistant Engineer whose jurisdiction may be territorial or functional. For carrying out, executive and supervisory functions the section will have the required number of Overseers, and other staff like Drivers, Operators, etc. For assisting him in the ministerial work there will be a clerk attached to his office. Where the section is under the control of departmental execution of works, required staff shall be deployed. In addition to executive functions, the Assistant Engineer has to maintain the primary records of all transactions relating to works, supplies and services under his control and renders accounts to his superior authorities as per rules.

Section offices are the backbone of KWA. All activities start from here and all works and other projects/proposals etc rise from section offices. Section office directly looks into the O & M of all schemes under its control, including execution of works, implementation of water connections, taking meter readings, entering of meter readings, issue of water bill, raise work bill, raise reports, and estimates. Any short falls in section offices will be reflected in the performance of Authority itself. Assistant Engineer heads the section office with supporting administrative and technical staff. As all activities right from revenue to work starts here heads with Head Clerk, it is the most important ring in the chain. Consumer complaints will be addressed primarily from section offices and grievances if any only will be taken up at higher offices.

Quality control sections collect sample from sources, distribution system, sumps, OHSR and WTP's as per preapproved frequencies and report to AEE, QC Sub Division and EE, QC Divisions concerned. Assistant Engineer heads the section and also controls activities directly in district labs under his control.

## **Activities of Blue Brigades**

The water supply system of Kerala Water Authority is always through pressure pipe system. Although the pipeline system is designed to withstand a certain pressure, these water supply pipes may leak due to high pressure inside the pipe as well as external pressures and vibrations due to movement of heavily loaded vehicles. As it is a pressure operated system, if a small crack is not repaired, additional water loss will occur and the amount of non-revenue water will increase. It is therefore important to ensure that pipeline repairs are carried out in a timely manner. If these are not done from time to time, even in places where the annual contract is in place, an alternative system needs to be put in place to attend the leaks immediately. In addition, valve adjustments are required to control and regulate the water supply in different areas, which is an issue that needs to be addressed very carefully, and defects in this can seriously affect the drinking water supply in an area.

If the two issues mentioned above i.e. time bound pipe maintenance and valve control are handled properly, water loss will be avoided and smooth drinking water supply will be possible. The "Blue Brigade" system is working as a pilot project in some key locations to achieve this goal.

The system includes a maintenance van / jeep, fitter, plumber, worker, repair tools, pipes, valves and specials.

Depending on the situation in the area, the system operates on a one-shift / two-shift / three-shift schedule. In the event that the Running contractor is not attending the leakages in a timely manner, repairs will be carried out by the Blue Brigade.

Currently Blue Brigade is operating in **29 division offices**

Region	Circle Offices		Division Offices
South	THIRUVANANTHAPURAM	1	PH North
		2	PHSouth
		3	HWD Aruvikkara
		4	Water Supply Division Neyyantinkkara
		5	Water Supply Division Attingal
	KOLLAM	6	PH Kollam
		7	PH Kottarakkara
	PATHANAMTHITTA	8	PH Thiruvalla
		9	PH Pathanamthitta
	KOTTAYAM	10	PH Kottayam
		11	PH Kaduthuruty

Central	ALAPUZHA	12	PH Alapuzha
	KOCHI	13	PH Kochi
		14	Water Supply Division Kochi
		15	PH Aluva
	MUVATTUPUZHA	16	PH Thodupuzha
		17	PH Muvattupuzha
	THRISSUR	18	PH Thrissur
		19	PH Irinjalakuda
North	PALAKKAD	20	PH Palakkad
		21	PH Shornur
	MALAPURAM	22	PH Malapuram
		23	PH Edappal
	KOZHIKODE	24	PH Kozhikode
		25	PH Vadakkara
		26	PH Sultanbathery
	KANNUR	27	Water Supply Division Kannur
		28	Water Supply Division Thaliparampa
		29	PH Kasargode

#### **Stock Verification Unit**

There are two Stock Verification Sub Divisions functioning under Accounts Member for the physical verification of materials stored in different stores. The Sub Division situated in Trivandrum has jurisdiction upto Ernakulam and the second one situated in Kozhikode verifies the stores beyond Ernakulam.

#### **JICA Assisted Kerala Water Supply Projects**

The JICA Assisted Kerala Water Supply Project was implemented under a Chief Engineer. All the five major water supply schemes assisted by Japan International Co-operation Agency were commissioned. Now Chief Engineer (Projects and Operation) is in charge of the balance works and he assists the closing of pending bills. Its function is to augment and rehabilitate water supply systems of two urban regions viz. Thiruvananthapuram and Kozhikode and to construct water supply systems for three rural regions viz. Meenad, Cherthala and Pattuvam.

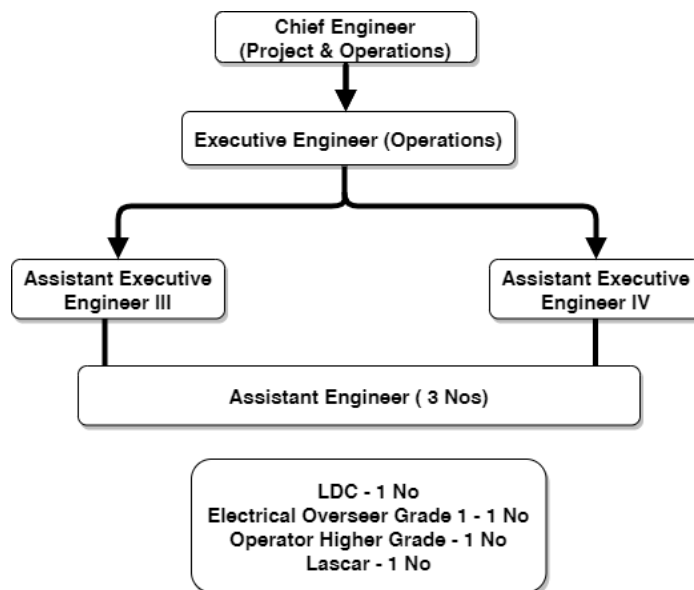
#### **Project Management Unit (PMU)**

KWA is implementing the Kerala Urban Water Supply Improvement projects with the loan assistance from the ADB for 24 x 7 water supply system in the 3 major cities viz, Thiruvananthapuram, Kochi and Kozhikode. The ADB Consultation Mission has emphasised the need of Establishing a Project Management Unit (PMU) and it was agreed to establish the same immediately. As per the KWA Board Resolution No. 10725 Dated: 27/07/2018 resolved to approve the proposal for converting the existing JICA project office as PMU for ADB project and also to deploy the existing staff in the JICA Project Office as PMU for ADB project. The PMU is functioning as separate wing under the DCE.

## Chapter IV

### SCHEMES UNDER EXECUTION

#### Operations and Maintenance



Operation and maintenance refers to all of the activities needed to run a water supply and Sewerage scheme, except for the construction of new facilities. The overall aim of operation and maintenance is to ensure efficiency, effectiveness and sustainability of water supply and Sewerage Schemes. The two activities of “operation” and “maintenance” are very different in nature. Operation refers to the routine activities and procedures that are implemented to ensure that the water supply system is working efficiently. The activities that contribute to the operation of a water utility are undertaken by technicians and engineers who have responsibility for controlling the functions of the system. Maintenance, on the other hand, are to do with the technical activities, planned or reactive, which are needed to keep the system working.

Operation and maintenance has been neglected in the past, or been discussed and introduced only after a project was completed. Realizing the fact that this neglect or delay in applying proper operation and maintenance has affected the quality of service offered of the services to a great extent, Operations Unit has been formed in HO to monitor the O&M of water supply and sewerage services and to formulate appropriate policies and operating guidelines as and when required. The importance of O&M has gained considerable visibility ever since the formation of Operations Unit. Some of the main activities carried out by Operations Unit are as follows.

- Monitoring of Operations and Maintenance expenditure
- Tracking utilization and wages of employees through Software
- Non-Revenue Water Management activities
- Emergency works related to Drought / Flood and special festivals like Sabarimala pilgrimage, AttukalPonkala.
- Monitoring of complaint Redressal system (1916, tolfree, Aqualoom etc.)
- Suggest remedial measures to be taken in case of emergency, quality issues etc
- Innovative and Pilot projects related to technological improvements in O&M of water supply and sewerage systems.

## **Water Supply Coverage**

There are 911 water supply schemes in operation as on 31.8.2022, benefitting a population of 2.46 crore. The average per capita availability of piped water is 83 litres per day. However the lpcd is varying in different habitations in all the districts.

During the financial year 2021-22, 19 schemes under State Plan, 6 projects under NABARD, 45 projects under AMRUT, 2 projects under RKI and 2 water supply projects and 16 replacement works under KIIFB have been completed. 6.63 lakhs FHTCs were provided under JJM and schemes were commissioned thereby increasing coverage and the population benefitted. Many new projects were sanctioned under KIIFB, State plan, RKI, JJM and NABARD to cover the uncovered areas. KWA distributes water through House Service Connections (HSC) and street taps. As on 31.8.22, from the existing KWA schemes, 66.26% population of Kerala has been covered with piped water supply of 62.15% in rural sector and 79.62% in urban. KWA has given 38,10,577 Domestic connections, 2,63,271 Non domestic connections (including special connections) and 2869 Industrial connections in addition to 181,622 street taps as on 31.8.2022.

As part of implementation of Jal Jeevan Mission, it is intended to have more Functional households tap connections (FHTC) in the rural sector. KWA aims to cover 100% population in the rural sector with FHTCs by 2024.

## **Revenue**

The major income for KWA is from the sale of water and Kerala is the only state in the country with 100% metered water connections. The water tariff is uniform across the state with block tariff structure (increasing rate with increasing consumption). The last revision in water tariff was on 01.10.2014. During the financial year 2020-21, GoK have issued an order vide GO(MS) No.9/2021/WRD dated 10.02.2021 for an annual increase of 5.00% with effect from April 2021 onwards for all categories by fixing the last revised rate of 2014 as floor rate as a part of implementing reforms in this sector. Further, annual increase of 5.00% effected from April 2022 onwards for all categories. The additional annual income expected is Rs.35.74 crore only. The total revenue collected during 2021-22 was Rs.583.24 Crore.

The major sources of income of KWA are from the following sources:

- Revenue from sale of water
- Non Plan Grant from GoK
- Other income

As an autonomous body under the State Government, Kerala Water Authority (KWA) is supplying piped water in the State and Waste water collection is also part of its mandate. KWA is expanding its service areas with commissioning of new schemes coupled with increase in pay and allowances based on State Pay Commissions recommendations in every five years with corresponding increase in monthly pension as well payment of DCRG, Terminal Surrender, Commutation Value of pension and power charges to KSEB Ltd.

At the same time, Operation and Maintenance (O&M) cost recovery is poor owing to the low tariff structure which led to the ever widening revenue deficit. In other words, periodic hike in O&M, power charges, salary, etc. are regular on the expenditure side, the same is not the case on the income side, which is adversely affecting the effort for the organization to be self – sustainable. However all effort has been taken to optimize the functions with the available resources and manpower.

It is pertinent to note that once the project is completed and handed over to Executive Engineers of Division level Offices, all operation & maintenance costs are to be borne by KWA. Based on the last five year's income and expenditure of KWA, the cost of production works out to Rs.22.85/KL, against which the income is only Rs.10.92/KL. The gap between the average cost and average returns works out to Rs.11.93 per KL.

It is ascertained that about Six percentage of the total revenue expenditure of the authority goes to meet O&M expenses alone. This major expenses increase by 10- 15% every year and thereby widening the revenue deficit of

the Authority. The Jal Jeevan Mission (JJM) envisages 100% piped water supply to all rural households by 2024. The assets are expanding on a fast pace which will again result in doubling the maintenance cost. As the recurring expenditure and liabilities on the Authority are increasing on a large scale with expansion of services to meet the aspirations of the people and the Government, KWA finds very difficult run on a breakeven level despite initiating steps to improve efficiency and cost control.

### **Capital Works**

Currently the KWA undertakes projects under various heads. Kerala Water Authority is an autonomous Authority constituted by the Government of Kerala for the development and regulation of water supply and wastewater collection and disposal in the State of Kerala. Kerala Water Authority provides water supply to nearly 2.47 crore people from the 911 Water Supply Schemes maintained by it, through 40.76 lakh connections and 1.81 lakh public taps in the State of Kerala. KWA has made remarkable progress in the rural and urban water supply sectors, commissioning various Water Supply Schemes implemented with the help of Central/State Government grants and Schemes (JJM, NABARD, State Plan, NRDWP, KIIFB, AMRUT etc.). Projects worth more than Rs.14,000 crores are in various stages of implementation. On completion of these projects 1,400 MLD (million litres per day) of water will be additionally available for distribution in the next 3 years.

New projects have been sanctioned under KIIFB, RKI in addition to projects being taken up under State plan and NABARD. During the financial year 2021-22 no new project were sanctioned under NRDWP & During the financial year 2021-22 one new project under AMRUT and two projects under RKI were sanctioned. Administrative Sanction was accorded for Phase 2 of five water supply projects for an amount of Rs.521.2 crores vide GO (Rt) No. 266/2022/WRD dated 31-3-2022 under KIIFB funding. The main heads sanctioned under State Plan and the budget outlay in each head in 2021-22 is listed below.

The main heads sanctioned under State Plan and the budget outlay in each head in 2021-22 is given as as **Annexure 1.**

A summary of projects being executed / works undertaken in the various above heads are given below.

### **State Plan Schemes**

Under State Plan an amount of Rs.71580 lakhs was provided as budget outlay during 2021-22 under various heads. For Jal Jeevan Mission (Centrally sponsored Schemes) the total outlay was Rs.800 crores with 50% sharing of Rs. 400 crores each by State and Central.

Details of State Plan works during the year 2021-22 is given as **Annexure 2**.

### **Survey and Investigation**

The aim of KWA is to supply water to all parts of Kerala. For this detailed surveys are to be conducted for preparing the shelf of projects. In the financial year 2021-22 an amount of Rs.100 lakhs has been allotted under this subhead for preparation of detailed project reports. During 2021-22, 14 works were completed and a total expenditure of Rs.90.90 lakhs has been booked.

### **NABARD Assisted Rural Water Supply Schemes Rural Infrastructure Development Fund.**

With the loan assistance from NABARD, KWA implement water supply schemes in the rural areas of Kerala. The summary of schemes sanctioned under various ongoing Tranches (XXII to XXVII) is shown in the table below.

Year of Sanction	Name of Tranche	No. of Schemes	No. of completed schemes / dropped	Total Project Cost (Crore)
2015	XX	9	9	93.39
2016	XXII	6	5	57.26
2017	XXIII	3	1	85.55
2018	XXIV	4	1	165.52
2019	XXV	3	0	75.57
2021(AS				
for the financial year 2020)	XXVI	2	0	71.54
2021	XXVII	2	0	78.97
<b>Total</b>		<b>29</b>	<b>16</b>	<b>627.8</b>

The outlay for 2021-22 was Rs.51.8 crore. Out of the total 29 projects sanctioned, 15 projects are completed and 1 project dropped. It is expected that 8 projects will be commissioned in this financial year (Balance work of tranche XX, XXII and some works in Tranche XXIII and XXIV).

Some important works such as Comprehensive Water Supply Scheme (CWSS) to Agali& adjoining Panchayats in Palakkad, WSS to Seethathode Pt. & NilakkalPlappally area in Perunad Panchayat etc., WSS to Poovar Pts, WSS to Kulakada and WSS to VithuraTholicode were sanctioned under NABARD. WSS to Muttam, Karimkunnam and KudayathoorPanchayaths& WSS to MelilaPanchayaths are the two major sanctioned schemes for the year 2020-2021 under Tranche XXVI and the same was obtained on this year due to Covid lockdown issues. WSS to KunnathurPoruvazhi and Sooranadu North Panchayaths of KunnathurThaluk and ThazhavaThodiyur and Kulasekharapurampanchayaths of Karunagappalli Taluk in Kollam Dist& WSS to Mangattidam Zone III in MangattidamPanchayath of Thalassery Taluk of Kannur District are the two major schemes sanctioned during the Financial Year 2021-2022.

Details of NABARD projects during the year 2021-22 is given as **Annexure 3**.

### **Manufacturing units for bottled water**

The aim of this project was to set up the bottled water plant at Thiruvananthapuram for providing good quality packaged/ bottled water through KWA at reasonable price to public. The total budget allocation for this head in the financial year 2021-22 was Rs.90 lakhs. The civil and mechanical works are completed. The bottled water plant has been handed over to KIIDC. The total expenditure for the financial 2021-22 was Rs.63.34 lakhs. Now the plant is operated and maintained by KIIDC.

### **Renovation of Existing Civil Structures owned by KWA**

The major aim of this head is to renovate the structures which are in damaged condition due to lack of timely repair, protection and renovation. Annual maintenance of various civil structures like office buildings, treatment plants, intake, water tanks, pump houses staff quarters etc are not being done for the past several years throughout the State due to lack of sufficient funds. So the maintenance of the civil structures is

proposed to be done in a phased manner for protecting the assets created and to improve the quality of service. Construction of compound walls around the WTPs, KWA Offices and vacant plots to clearly demarcate the lands owned by KWA so as to prevent encroachment and ingress of anti-social elements is also taken up under this head.

The total budget allocation for this head in the financial year 2021-22 was Rs.300 lakhs. With this budget allocation, 26 works including maintenance of office buildings, guest houses, tanks, pump houses etc located in various districts has been completed. Expenditure incurred during the financial year 2021-22 in this head is Rs.767.48 lakhs.

### **Innovative technologies and modern management practices**

The major aim of this head is to improve the services delivery and quality by adoption of new technologies and modern management practices. Some issues which cannot be solved or optimized can be resolved or improved by practicing innovative ideas. By installation of automated networks, installing flow meters, smart meters etc. action for reduction in Non Revenue Water (NRW) could be taken up. The project envisages procurement of bulk meters at all major schemes and to integrate these with SCADA. This head also aims at procurement of leak detection equipments, automation of pump houses, use of dual media for augmentation of WTPs, efficiency study of pumps for improving energy efficiency in pumping etc thus ensuring increase in efficiency of the water supply schemes, reduction in wastage of treated water and increase in revenue.

The total budget allocation for this head in the financial year 2021-22 was Rs.100 lakhs. 17 works were completed which include the installation of solar panels in the roof top of KWA building, automation of pump houses, purchase of new and highly sophisticated ,Installation of surveillance camera , flow meters etc .Expenditure incurred for the financial year 2021-22 is Rs.90.54 lakhs.

### **Human resource development, research & development and quality control**

The engineers and other staff need to be updated and equipped with modern Project Management practices and tools for the timely execution of large projects and subsequently maintain new high-tech systems. KWA is aspiring to be customer friendly, quality conscious, sustainable water utility and change management initiatives are underway. Continuous training is a key requirement to equip the entire cross section of KWA employees for the times ahead and to face challenges.

A major achievement in the financial year 2021-22 is that 224 in house and outside trainings courses were conducted in which 6088 participants participated. Due to COVID 19 pandemic and related Government Orders, there were severe restrictions in classroom/residential trainings, workshops, seminars and related activities.

The total budget allocation for this head in the financial year 2022-23 is Rs.100 lakhs. 51 no.s of trainings were given in this financial year up to 8/2022. The total expenditure for the financial year 2021-22 is Rs. 30.40 lakhs.

### **Sewerage schemes of Kerala Water Authority**

Kerala Water Authority has the mandate for collection and disposal of waste water. The same has been carried out only in Thiruvananthapuram and in Kochi Corporations to some extent. As fund for taking up new projects and to cover new areas are limited, presently the main activities taken up under this head include enhancement of undersized lines to the desired size, to repair damaged manholes so as to avoid overflow of sewage, to provide sewerage facility to areas by minor extensions where no other source of sewerage disposal system exist. In order to overcome the threat of environmental damages, adequate attention is essential for strengthening the existing sewerage system. The need for more focused attention in sewerage sector is essential. The fund required, public protest against sewage plants / pump houses, delay in getting land, sanctions for road cutting etc are some issues that has to be addressed for taking up sewerage projects. It is envisaged to take up new small scale projects taking 2 to 3 wards as a cluster and provide small decentralized treatment plants of various capacities to treat sewerage upto 20mld using latest technologies incorporating the reuse of treated effluent as specified by National Green Tribunal.

Maintenance and up gradation of the existing plant and sewerage network is also a necessity. The lack of sewerage system is causing serious issues to the water environment. It is high time that the sewage collection and disposal particularly in large cities is taken up seriously in the back drop of alarming degradation of water environment. For small schemes, land is to be made available and awareness is to be generated among the public regarding the necessity by the local bodies for sewerage/septage work to be taken up.

In Guruvayur in Trichur District, the sewerage scheme is commissioned on 30.09.2021

The total budget allocation for this head in the financial year 2021-22 was Rs.2460 lakhs. During 2021-22, 37 works which includes replacing the old sewer lines, extension of sewerage network, rehabilitation of old manholes, construction of new manholes etc. The total expenditure for the financial year 2021-22 was Rs.1758.07 lakhs.

### **Rehabilitation / Improvement works of urban water supply scheme**

The objective of the scheme is to achieve 100% coverage in urban areas. Taking up new schemes in uncovered ULBs and laying distribution systems in schemes where production components are completed.

The total budget allocation for this head in the financial year 2021-22 was Rs.5000 lakhs. During 2021-22 4 works were completed and the total expenditure for the financial year 2021-22 made with the fund available was Rs.645.44 lakhs.

### **Rural Water Supply Schemes**

This head aims at improving the water supply to the rural households where many do not have access to safe drinking water through piped water supply. More emphasis has been given to improve the water supply coverage in rural areas with the launch of Jal Jeevan Mission which aims to provide piped water supply to all households by 2024. New rural schemes /completion of ongoing rural schemes, revamping of existing schemes are proposed under this head. An amount of Rs.1000 lakh was provided during 2021-22

During 2021-22, 4 No. of projects were completed The total expenditure made with allotted fund for the financial year 2021-22 was Rs.5618.96 lakhs

### **Water Supply Scheme to Specified institutions/locations**

This scheme is intended for providing uninterrupted water supply to some Specified Institutions / locations like Medical Colleges, Taluk Hospitals, District Hospitals, Rural schools and other educational institutions, water supply to Govt institutions like Civil Station compound, prisons, correction homes etc, This also aims at improving water supply schemes and providing sufficient quantity of drinking water to pilgrims visiting centers such as Sabarimala etc.

An amount of Rs.100 lakhs was provided during 2021-22. During 2021-22, 4 works were completed. The total expenditure made with allotted fund for the financial year 2021-22 was Rs. 95.58 lakhs

### **Optimization of Production and Transmission**

The main objective of the works taken up under this head is to optimize the output in the existing schemes. It is intended to ensure uninterrupted water supply, reduction of water loss due to leakage and breakage and energy conservation. Main works executed include

- Renovation and capacity enhancement of old water treatment plants.
- Reducing the distributional loss and to improve performance.
- Replacement of old pipes including pumping mains and transmission mains of existing water supply schemes.
- Prevent loss of water due to leakage and breakage in various components.
- Energy conservation measures.
- Rehabilitation of obsolete pumps, motors and Electrical Installations.
- Provide pipeline extension to water stressed areas from existing WSS.

An amount of Rs.5000 lakhs was provided during the year 2021-22. During the financial year 2021-22 , 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. The performances of the schemes were improved and the output was enhanced by such works. The total expenditure for the financial 2021-22 was Rs.14773.64 lakh.

### **Drinking water –Drought Mitigation**

Natural calamities like drought, flood, cyclone have become a recurring phenomenon in our State and every year the water supply infrastructure has to brace itself to face the fury of Mother Nature. Besides natural calamities, emergency situations of calamitous proportions like damages to properties in case of large diameter pipe bursts, damages to water supply installations, water supply to emergency relief camps during natural calamities are also to be taken up under this head. The water supply infrastructure being extremely critical and prone to large scale damages and contingent situations, need a separate head of account for meeting emergency expenses. Pipe line extensions to drought hit areas, additional pumping and capacity enhancement during drought period is also included.

KWA faces shortage of tanker lorries to supply water in emergency situations causing difficulty in overcoming the water demand during emergency times. Non availability of water tankers for emergency service surfaced even during the recent floods in Kerala. Hence tanker lorries also need to be procured for use in emergency situations.

An amount of Rs.1000 lakhs was provided in the year 2021-22 for this head and an expenditure of Rs.997.44 has been made for the year 2021-22. During the year 2021-22, 218 no. of works were given Administrative sanction and 55 works were completed.

Details of Draught Related Works is added as **Annexure 4**.

### **Modernization of Aruvikkara pumping station**

Modernization of Aruvikkara is a prime project to meet the increasing demand of water supply to Thiruvananthapuram city. The major works in modernization aims to replace the old and damaged pumps, motors, civil, electrical and mechanical installations in the Water Treatment plants, Pump houses and substations at 86MLD campus, Chithirakkunnu, Aruvikkara. The budget allocation for the financial year 2021-22 is Rs.100 lakhs and was allotted for settling the bills. The expenditure made for the year 2021-22 is Rs. 99.09 lakhs.

### **Source improvement and water conservation**

The objective of works undertaken in this head is to ensure that sufficient water is available in the source in summer / drought season, enhancement of storage capacity at water sources and thereby improving scheme efficiency so as to bridge the seasonal variations in water level. During the period many works for strengthening the source and increasing the storage capacity were done which mainly include construction of check dams and regulators. The improvement works of tube wells, open wells, infiltration gallery, leading channel etc are to be carried out. Protection works to reservoirs, side protection of weirs, check dams

are to be provided and repairs to the existing structures are to be done. By this activity, the water stress in summer could be mitigated to a large extent.

An amount of Rs.200 lakhs was provided in the year 2021-22 for this head and an expenditure of Rs.179.84 has been made for the year 2021-22 During the year 2021-22,13 works have been completed.

### **ADB Assisted Kerala Urban Water Supply Improvement Project – KUWSIP (EAP)**

KUWSIP aims at improving the water supply in Kochi and Thiruvananthapuram corporations by rehabilitating the old production components and the network, there by achieving 24 x 7 supply in the above areas by considerable reduction of NRW and overall improvement of efficiency. The existing production facilities are age old and need rehabilitation. Similarly the network is leaky and results in a high NRW - The MIS also is to be strengthened.

An amount of Rs.10000 lakhs was provided in the year 2021-22 for this head and no expenditure has been made for the year 2021-22.

### **Enterprise Resource Planning (ERP) / E-governance, GIS and information Management- FY 2021-22.**

Kerala Water Authority during 2022-23 stepped into major milestones in the IT roadmap of the organization. The remarkable achievements are briefed below. eAbacus

The Enterprise Billing Application having Online Transaction Processing System used for Consumer Management of Kerala Water Authority have been rolled out to all Subdivisions and currently holding a consumer population of 37.83 lakh. In the previous year ie., 2021-22 it was 32 lakh consumers and in the year before ie 2020-21 it was 26 lakh consumers resulting an increase of 45.5% due to the implementation of JJM and online services.100% consumers of KWA is brought under the system during the last year.

Kerala Water authority in compliance with state policy to adopt 100 percent digital filing paperless green office, adopted e-filing system across the state.

Adhering to the state policy to transform to a completely digitally governed state, initiated online services for the delivery of water supply and related services. Also, all bills, receipts, payments are made optionally paperless as a part of Green office initiative.

Implementation of Central govt initiative “Ease of doing business” has been successfully completed and all items in the business reform action plan has been incorporated in Kerala Water Authority. Making the department entrepreneur friendly, application for water supply for industrial and non domestic purpose has been integrated with kswift- state portal of KSIDC.

### **JICA Assisted Kerala Water Supply Project**

JICA Assisted Kerala Water Supply Project envisages the implementation of five water supply schemes in Thiruvananthapuram, Meenad, Cherthala, Kozhikkode and Pattuvam for a total estimated cost of Rs.1787.45 crores. As per G.O. (RT) No. 751/2003/WRD dated 19.06.2003, Government of Kerala approved the proposal for awarding the Consultancy contract for the implementation of the JBIC aided Kerala Water Supply Project to the TEC Consortium. The Consultants have commenced the Consultancy service from 1st September 2003. The project cost have been subsequently revised to Rs. 2987.40 crores vide G.O. (RT) No. 1175/09/WRD dated 20.10.2009. By commissioning the above 5 schemes under JICA, the production has been enhanced by 516 mld. It benefits a population of about 41 lakhs in the scheme areas in the 5 districts viz- Thiruvananthapuram, Kollam, Alappuzha, Kozhikkode and Kannur in 2036. The details are given below.

<b>Scheme</b>	<b>Water Treatment Plant capacity (MLD)</b>	<b>Envisaged total population benefitted on completion (in lakhs)</b>	<b>Benefitted area</b>
Thiruvananthapuram	74	10.7	Thiruvananthapuram Corporation
Meenad	71	5.26	Paravoor Municipality and 13 Panchayath
Cherthala	107	6.53	Cherthala Municipality and 18 Panchayath
Kozhikkode	174	13.03	Kozhikkode city and 13 Panchayaths
Pattuvam	90	5.3	Thaliparamba Municipality and 11 Panchayaths
<b>TOTAL</b>	<b>516</b>	<b>40.82</b>	

All the five projects have been commissioned and water supply is effected to the beneficiaries. The distribution networks envisaged for Trivandrum, Cherthala and Pattuvam have been completely laid. The rehabilitation works of two WTPs at Thiruvananthapuram also completed. For Kozhikkode scheme and Meenad Schemes, all components except part of distribution system have been completed and schemes partially commissioned.

The distribution works of Kozhikkode Scheme were closed as on 31.03.2020 and distribution works in Meenad Scheme was closed as on 23.04.2021, as per

decision of KWA Board held on 03.01.2020. The balance distribution lines in Kozhikkode and Meenad Schemes are being arranged through Jal Jeevan Mission. Institutional Strengthening activities mainly comprise construction of Central Control Unit building, installation of bulk flow meters, ERP activities, Asset Management etc. The construction of 10 storied Central Control Unit building has been completed. The installation of bulk flow meters and Asset Mapping works were also closed. The ERP work is being arranged through IT Wing of KWA as per Board Resolution No.10509.

As the JICA loan has expired as on 27.07.2015, and the Consultancy contract was closed with effect from 31.03.2016, budget provision had to be allocated under State Government funding for the balance amount required for completing the project in all respects.

An amount of Rs. 75 crore has been allocated under State Plan for the financial year 2018-19. Out of 75 crore, Rs. 19.93 crore was utilized. A Budget provision of Rs 75 crore is provided for 2019-20 and Rs. 24.47 crore was utilized. A Budget provision of Rs 10 crore is provided for 2020-21 for the completion of balance works under this project and Rs. 5.83 crore was utilized. An amount of Rs. 7.5 crore has been allocated under State Plan for the financial year 2021-22. Out of 7.5 crore, Rs.3.61 crore was utilized. A Budget provision of Rs. 5.00 crore is provided for 2022-23 and Rs. 61.39 lakh is utilized till 31.08.2022 and balance amount of Rs. 4.38 crore will be utilized by March 2023.

### **National Rural Drinking Water Programme (NRDWP)**

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 2021-22, the expenditure towards the ongoing schemes under NRDWP was met from JJM allocation. During the year 2021-22, 3 NRDWP schemes benefitting a population of 226217 were completed.

Details of NRDWP related Works is added as **Annexure 5**.

#### **(i) Jal Jeevan Mission (JJM)**

Government of India launched Jal Jeevan Mission (JJM) on August 2019 subsuming National Rural Drinking Water Programme (NRDWP). Jal Jeevan Mission (JJM) is envisioned to provide safe and adequate drinking water through individual Functional Household Tap Connections (FHTC) by 2024 to all households in rural India. This project is being implemented on 50:50 cost sharing basis between Central and State. During the year 2021-22, projects for an amount

of Rs.24642.12 crore aiming to provide 25.51 lakh household connections were sanctioned under JJM. For the year 2021-22, State had received an amount of Rs. 1353.44 crore from the Government of India being the release of JJM as central share. Out of the above, Rs. 957.44 crore had been utilized from central share including the OB. The total fund utilized under JJM including the State matching share for the year 2020-21 was Rs. 2017.01 crore. During the year 2020-21 State had provided 6,63,862 rural household connection under JJM.

**(ii) Support Activities**

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. 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 State share.

**(iii) Water Quality Monitoring and Surveillance Programme (WQM&SP)**

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. 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 2021-22 was Rs.18.97 crore.

**(vii) NITI Ayog**

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 habitations by providing pipeline extension from treated sources. As per the status as on 31.03.2021, 5 Fluoride affected habitations are remaining to be covered. The works for covering the remaining fluoride affected habitations including Functional household tap connections are in progress.

**Works under other heads**

In addition to above, KWA executes projects under KIIFB and AMRUT also. Most of the works taken up under JNNURM and UIDSSMT with GoI funds earlier has almost been commissioned. The JICA loan assistance has also been closed. More allotment from the State is required for commissioning the projects as per schedule, as fund flow in projects is affecting the progress.

The works being undertaken other than State Plan schemes are KIIFB, AMRUT, UIDSSMT, JNNURM & RKI. In addition KWA also executes water supply projects of various departments as deposit works. A brief note on works under taken in the above heads are given below.

**KIIFB**

Government of Kerala had accorded In-principle Sanction for 72 drinking water projects of KWA and KIIFB had so far accorded Sanction and Approval for funding for 72 projects for an amount of Rs.4498.981 crores. This includes 61 water supply projects amounting to Rs.4091.361 crores and Replacement of transmission mains in 11 circles amounting to Rs. 407.62 crores.

The water supply projects of KIIFB include construction of Water Treatment Plants, Overhead Service Reservoirs, Sumps, Intake well, Pump houses, Laying pumping mains, transmission mains, distribution network, installation of transformers, pump sets etc. The replacement projects include replacing old and damaged AC/ premo transmission mains under 11 circles of KWA - Thiruvananthapuram, Kollam, Pathanamthitta, Kottayam, Muvattupuzha, Kochi, Thrissur, Palakkad, Malappuram, Kozhikkode and Kannur. Out of 61 water supply projects, 13 projects amounting to Rs.311.88 crores and 34 replacement works out of 121 works, amounting to Rs. 74.42 crores have been completed upto 31-03-2022.

The completed water supply projects are the following:

1. Augmentation of Urban Water Supply Scheme to Thodupuzha Municipality in Idukki District
2. CWSS to Ponnani Municipality and adjoining villages.
3. Water supply Distribution strengthening of Kadamakkudi Panchayath
4. Augmentation of Urban Water Supply to Shornur Municipality and Vaniyamkulam Panchayath
5. WSS to Ambalappara Panchayath in Ottapalam Taluk, Palakkad District - Phase I
6. Comprehensive WSS to Thachanattukara, Alanallur and Kottopadampanchayaths in Mannarkkad taluk in Palakkad District.
7. CWSS to Thiruvalli & Adjoining Villages - Phase I & II - Thiruvalli and Wandoor Part -1
8. Improvements to Ramanattukara Water Supply Scheme by interlinking with WSS to Cheekode and adjoining villages
9. Distribution Line Extension from ongoing WSS to Mananthavady, Edavaka and Nallooradu villages in Wayanad District
10. Augmentation of WSS to Dharmadampanchayath in Dharmadam Constituency
11. WSS to Kottayam Census Towns - Strengthening of Distribution system in Thalassery Taluk of Kannur District
12. WSS To Feroke Karuvanhuruthy Village
13. Ambalappara Phase II

The fund released by KIIFB upto 31-3-2022 is Rs.1352.1881 crores

In addition to the above, government vide GO (Rt) No.266/2022/WRD dated 31-03-2022 has accorded administrative sanction for phase 2 of the following 5 projects amounting to Rs. 521.2 crores.

Sl. No.	Project Name	AS amount (Rs. In crores)
1	WSS to Koyilandy Municipality Phase 2	120.00
2	Aug of UWSS to Thodupuzha Municipality Phase 2	82.90
3	WSS to Tanur Phase 2	71.30
4	WSS to Mattannur and Iritty Phase 2	219.00
5	Aug of WSS to Shornur and Vaniyamkulam Phase 2	28.00
	<b>Total</b>	<b>521.20</b>

The projects are under various stages of execution except the ones requiring land acquisition. Also, the DERs of the above newly sanctioned projects are under appraisal at KIIFB.

Details of KIIFB related Works is added as **Annexure 6**.

#### **AMRUT (Atal Mission for Rejuvenation and Urban Transformation)**

KWA is entrusted to execute projects under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) in Water supply and Sewerage for 9 cities in Kerala. The KWA – Water Supply projects spread across 6 Corporations (Trivandrum, Kollam, Kochi, Thrissur, Kozhikode and Kannur) and 3 Municipalities (Alappuzha, Guruvayur and Palakkad). KWA is executing sewerage works under AMRUT in Trivandrum, Kollam and Kochi Corporations. The funding pattern is such that the total project fund is divided among Central, State and respective ULBs, as 50: 30: 20 share respectively. KWA is executing 173 water supply works (Rs.1156.03 crore) and 116 sewerage works (Rs.321.45 crore) in the above cities for total administrative sanction of Rs.1477.48 crore.

The Water Supply works under AMRUT includes construction of WTPs, OHSRs, laying new pipelines, replacing damaged pipe lines, installation of smart meters, flow meters, providing new house connections etc. Sewerage works executed by KWA under AMRUT in Trivandrum includes rehabilitation of existing networks and damaged pumps, providing new network in the missing areas, construction of new pump houses, laying pumping mains, transmission mains, sludge drying unit at STP Muttathara, decentralized 5 MLD STP at Medical College, Trivandrum in addition to 12 MLD STP at Kureepuzha in Kollam Corporation and 5 MLD STP AT Elamkulam at Kochi Corporation.

Out of this, 158 Water Supply schemes to an amount of Rs.799.26 crore and 90 nos Sewerage schemes amounting to Rs.65.64 has been completed so far and balance works are in different stages of execution. The completed works include 75 MLD Water Treatment Plant in Aruvikkara, Thiruvananthapuram , 45 MLD Water Treatment Plant in Malampuzha in Palakkad district, 20 MLD Water Treatment Plant at Peechi, Thrissur and 5 MLD Sewage Treatment Plant in Medical College, Trivandrum .

The up to date expenditure comes to Rs.885.256 crore.

Project period of AMRUT is five years from the financial year 2015-16 to 2019-20. The mission period has been extended to 31.3.2023. Hence Kerala Water Authority focuses to complete all the projects sanctioned under AMRUT within the mission period.

Details of AMRUT related Works is added as **Annexure 7**.

### **RKI (Rebuild Kerala Initiative)**

There are 11 projects sanctioned under RKI for an AS Amount of Rs.202.32crore.

- The water supply projects includes
  1. Improvement of WSS to CheranalloorPanchayat,
  2. Distribution network for RWSS to TV PuramPanchayat,
  3. WSS to Kaduthuruthy and Adjoining Villages,
  4. WSS to Erumeli Zone (I, III&V Part) Distribution System,
  5. WSS to Pavaratty&MullasseryPanchayaths in ChavakkadTaluk-Phase 2,
  6. CWSS to Sulthanbathery Municipality, Noolpuzha and MuttillGramapanchayat in Wayanad District,
  7. WSS to ErumeliPanchayat-Laying Distribution system in Zone 4 – Kanakapallam”.
- Administrative sanction has also been received for an amount of Rs. 8 crore during 2020-21 for "Preparation of DPR for rehabilitation of existing system and providing Sewerage/Septage management system for Thiruvananthapuram Corporation", and Rs.30 lakh for conducting the energy audit of the pumping stations maintained by KWA.
- During 2021-22 two works viz. Topographical Survey in 28 Selected ULBs and DER Preparation including Topographical Survey for 4 Municipal Corporations, viz., Kollam, Kochi, Kozhikode and Kannur, for Implementing Sewerage System” and Automation of Rural Pump houses amounting to Rs 6 Cr and Rs 11.42 Cr respectively sanctioned under RKI.
- Among the above KWA- RKI RKI works, four works - Improvement of WSS to CheranalloorPanchayat, Distribution network for RWSS to TV PuramPanchayat, WSS to ErumeliPanchayat-Laying Distribution system in Zone 4 – Kanakapallam and the Energy audit of the pumping stations maintained by KWAworks have been completed.
- All other works are in different stages of execution.
- The expenditure as on 31/3/2022 is 68.08 Cr

Details of RKI related Works is added as **Annexure 8**.

### **Urban Infrastructure Development Scheme for Small and Medium Towns(UIDSSMT)**

Urban Infrastructure Development Scheme for Small and Medium Towns (UIDSSMT) was launched for improvement in urban infrastructure including water supply in towns and cities in a planned manner. The implementation of the scheme is done by the respective Urban Local Bodies (ULB) – Municipalities for which the funds will be released to Urban Local bodies according to requirement. In order to execute the projects smoothly a Tri-partite agreement is signed between the respective Municipality, Kerala Water Authority, and Department of LSGD. As per this MOU a city level Technical Advisory Group is formed for respective Municipalities.

Funding pattern is Central: 80%, State 10% and ULB 10%.

### **Jawaharlal Nehru national Urban Renewal Mission (JNNURM) Projects**

Government had accorded sanction for projects in water supply and sewerage sector for Thiruvananthapuram and Kochi Corporations of Kerala under JNNURM. In order to execute the projects a Tri-partite agreement between the respective Corporation, Kerala Water Authority (KWA), Department of LSGD was signed on 01/11/07. The implementation of the scheme is done by KWA on behalf of the respective Urban Local Bodies (ULB), for which the funds will be released to ULBs according to requirement. A city level Technical Advisory Group was formed for both Corporations.

The JNNURM water supply project in Kochi has been commissioned and in Thiruvananthapuram the work has almost been completed. The ADB assisted sewerage works being executed in Kollam, Kozhikode, Kochi and Thiruvananthapuram has not been completed and the funding agency has withdrawn from the project. As the schemes have not been commissioned fully and the funding agency has withdrawn / wind up, it is necessary to evolve procedure for future course of actions. For solving the pending issues in connection with JNNURM, UIDSSMT and KSUDP works a State Level Technical Committee (SLTC) was constituted. Initially it was convened by State Mission Management Unit (SMMU). Now the Committee is convened under Kerala Water Authority, Technical Member as Chairman. For solving the pending issues different meetings were done and a State Level High Powered Steering Committee (SHPSC) was also constituted at Govt. level chaired by the Chief Secretary.

### **Deposit works**

Under decentralized planning Kerala Water Authority undertakes deposit works from local bodies and other departments. Most of these works are line extension proposals and mini schemes.

KWA also execute works based on the funds received from Kerala State Coastal Area Development Corporation, Minority Department, SC / ST departments, MLA-ADS fund, MP fund and other agencies for supplying water to more areas and benefiting more population.

### **Performance as on 31.03.2022**

- Kerala Water Authority implemented Jeevan Pramaan software of central government developed by NIC for life certificate validation of pensioners.
- All water connection application has been made online.
- All sewerage connection application has been made online.
- Consumer complaint redressal system – AQUALOOM has been launched for consumers for registering complaints. Complaints registering in AQUALOOM portal is being forwarded to concerned officer to resolve the complaint and the status is being updated back to the complainant. Consumers can know the status of their complaints through this portal and SMS intimation is also being given. By using this system fast action and solution on complaints are achieved. This system was developed inhouse with the aid of a team of students from TKM Engineering college, Kollam.
- (DDFS) has been rolled out to all Offices of KWA.
- Project Alert System of KWA(PASK), a software for monitoring water supply projects of KWA has been modified by providing more dashboards for easy analysis and monitoring of project parameters such as physical and financial progress.
- KWA launched its revamped website into a new state of art by modifying its look, feel and framework. The revamped website is an initiative to make all information about the Kerala Water Authority transparent and available to the public. It provides a vast database of information on the Authority's service areas, schemes, various divisions, financial status, staff information, and various other aspects. Website is maintained inhouse by IT Unit. Service dashboard has been provided to view the status of various online services.
- For simplification of water quality testing process, an online application has been developed and hosted. With this app consumers can directly apply for water sample testing, view its progress and download the result.
- Developed of in-house software for various wings in KWA like Materials Management Software, Contractor Information Management Software.
- GIS based asset mapping of KWA has been completed and new customized GIS portal has been launched in which inhouse updation is possible. KWA bought five Arc GIS license for further strengthening the GIS

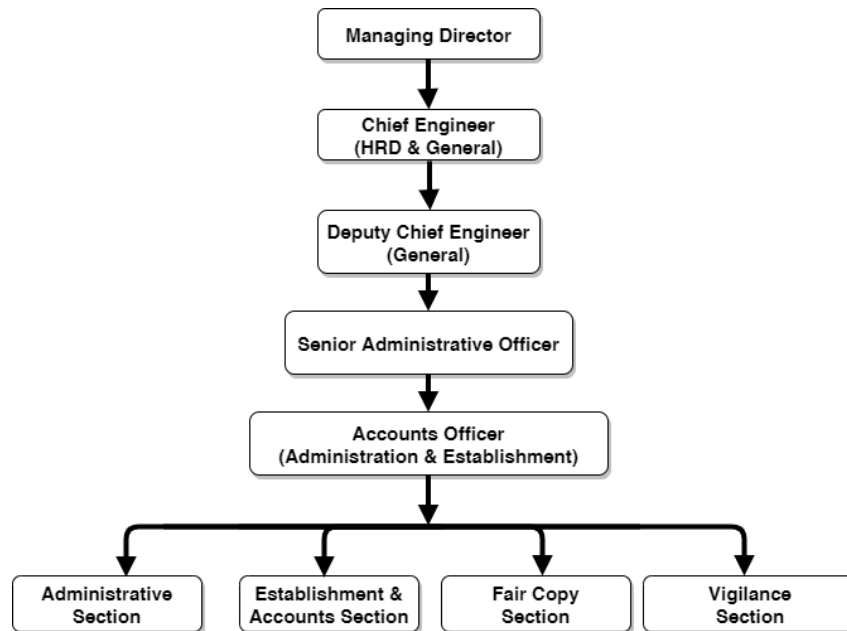
activities.

- KWA has implemented e-pension system developed by NIC for the distribution of pension.
- KWA has completely implemented SPARK software to manage HR related matters of employees.
- e-CR also deployed using the GSCORE software of NIC for managing the confidential reports of officers.
- KWA is now intimating the bill information via SMS to the registered phone number along with the consumer number. In addition, the receipt information will be sent to the registered phone number of the customer via SMS at the time of payment.

District wise category of Schemes in Operation is given as **Annexure 9**.

## Chapter V

### ADMINISTRATIVE WING



Administrative Wing in Head Office is mainly dealing with Human Resource Management. The database regarding all categories of employees and officers (Ministerial & Technical) and appointment, its sanctioned post and promotion avenue as per special rules in force are kept almost up to date and tidy.

The normal functions include.

- 1) Formulation and amendment of Act, Rules, Regulations, Duties & Responsibilities, Delegation of powers of Employees etc.
- 2) Effect changes in organizational structure as and when needed for efficient hierarchical management. This also include formation of new offices and abolition or merger of existing offices as resolved by the KWA Board.
- 3) Reporting vacancies of entry cadre posts to the Kerala PSC and identifying posts for in service promotion as per provisions in rules.
- 4) Issuing appointment orders as per advice of PSC as well as By Transfer appointments as per Rules.
- 5) Regularisation of appointments after obtaining Police Verification report and PSC Certificate Verification in respect of each candidate as per Government Orders in force.
- 6) Extension of period of probation in deserving cases and issuing orders of declaration of completion of probation with respect to designated posts.
- 7) Preparing seniority lists in each cadre, Higher Grade ratio promotions and non-cadre promotions to designated posts as per existing rules and Government Orders.
- 8) Effecting promotions in each cadre in two ways.
  - a) According to seniority and eligibility as per rules to the superior posts of same cadre.
  - b) According to merit and ability ascertained by the Departmental Promotion Committee after scrutiny of Confidential Reports of candidates to the posts borne in Officer Cadre.
- 9) The most important tool in managerial control is the allocation of employees to different posts according to suitability of incumbent to particular post. Transfer and postings are done in a transparent manner strictly adhering to the general transfer norms issued by Government and public interest.
- 10) Communication with government on all policy matters affecting the institution is being dealt by Administrative Wing.
- 11) Preparation and submission of agenda before the KWA Board related with Administration and Establishment matters in respect of the firm and employees.

- 12) High Court cases, Human Right Commission cases, Industrial dispute cases and Right to Information Act etc. regarding establishment matters are dealt with by Administrative Wing.
- 13) The service and wage conditions of employees and officers are being managed by the Authority through this establishment in accordance with Rules and Government Orders.
- 14) Vigilance Wing attached to Administrative Wing engages with petitions of the Public, Unauthorized absent cases and disciplinary proceedings as per approval of Vigilance committee Recommendations.

Administrative Wing in Head Office Constituted under Accounts Officer (Administration & Establishment) includes five Parts.

- Administrative Matters of all category of employees in KWA.
- Establishment Section. (Employees under Head Office)
- Accounts Section. (All Accounting and medical procedure in Head Office)
- Fair Copy Section.
- Establishment Vigilance Section.

Administrative Wing comprise One Senior Superintendent, One Junior Superintendent and Eleven Clerks, One Office Attendant.

Establishment and Accounts Section comprise of One Senior Superintendent, One Junior Superintendent and Six Clerks Two, One attendant.

Fair Copy Section comprises of Two Fair Copy Superintendents, three Typists, and Inward & Despatch Section Comprise two Clerks and three Office Attendants.

Establishment Vigilance Section comprise of One Senior Superintendent and three Clerks.

**Details of Offices of Kerala Water Authority as on 31.03.2022.**

Head Office	1
Regional Offices	4
Circle Offices	17
Division Offices	49
Sub Division Offices	135
Section Offices	294

**Details of Regional Offices, Circle Offices and Division Offices 2021-22.**

SI No.	NAME OF OFFICES	OFFICE TYPE		
1	CE, CENTRALREGION, KOCHI	REGIONAL OFFICES		
2	CE, NORTHERN REGION, KOZHIKODE			
3	CE, SOUTHERN REGION, TRIVANDRUM			
4	CE, SEWERAGE,PPD & WASCON, TRIVANDRUM			
SI No.	NAME OF OFFICES	OFFICE TYPE	DISTRICT	PARENT OFFICE
1	SEWERAGE CIRCLE, TRIVANDRUM	SEWERAGE CIRCLE OFFICES	TRIVANDRUM	CE, WASCON, TRIVANDRUM
2	SEWERAGE CIRCLE, KOCHI		ERNAKULAM	CE, WASCON, TRIVANDRUM
3	SEWERAGE CIRCLE,THRISSUR		ERNAKULAM	CE, WASCON, TRIVANDRUM
4	SEWERAGE CIRCLE,KOZHIKODE		KOZHIKODE	CE, WASCON, TRIVANDRUM
SI No.	NAME OF OFFICES	OFFICE TYPE	DISTRICT	PARENT OFFICE
5	SRI NETTOOR	CIRCLE OFFICE	ERNAKULAM	CE, CENTRALREGION, KOCHI
6	P H CIRCLE KOCHI	CIRCLE OFFICE	ERNAKULAM	CE, CENTRALREGION, KOCHI
7	P H CIRCLE MUVATUPUZA	CIRCLE OFFICE	ERNAKULAM	CE, CENTRALREGION, KOCHI

8	P H CIRCLE THRISSUR	CIRCLE OFFICE	THRISSUR	CE, CENTRALREGION, KOCHI
9	PH CIRCLE ALAPPUZHA	CIRCLE OFFICE	ALAPPUZHA	CE, CENTRALREGION, KOCHI
10	P H CIRCLE KANNUR	CIRCLE OFFICE	KANNUR	CE, NORTHERN REGION, KOZHIKODE
11	P H CIRCLE KOZHIKODE	CIRCLE OFFICE	KOZHIKODE	CE, NORTHERN REGION, KOZHIKODE
12	P H CIRCLE MALAPPURAM	CIRCLE OFFICE	MALAPPURAM	CE, NORTHERN REGION, KOZHIKODE
13	P H CIRCLE PALAKAD	CIRCLE OFFICE	PALAKKAD	CE, NORTHERN REGION, KOZHIKODE
14	P H CIRCLE KOLLAM	CIRCLE OFFICE	KOLLAM	CE, SOUTHERN REGION, TRIVANDRUM
15	P H CIRCLE KOTTAYAM	CIRCLE OFFICE	KOTTAYAM	CE, SOUTHERN REGION, TRIVANDRUM
16	P H CIRCLE TRIVANDRUM	CIRCLE OFFICE	TRIVANDRUM	CE, SOUTHERN REGION, TRIVANDRUM
17	P H CIRCLE THIRUVALLA	CIRCLE OFFICE	PATHANAMTHITTA	CE, SOUTHERN REGION, TRIVANDRUM
<b>SI No.</b>	<b>NAME OF OFFICES</b>	<b>OFFICE TYPE</b>	<b>DISTRICT</b>	<b>PARENT OFFICE</b>
1	P H DIVISION PATHANAMTHITTA	DIVISION OFFICE	PATHANAMTHITTA	P H CIRCLE THIRUVALLA
2	P H DIVISION THIRUVALLA	DIVISION OFFICE	PATHANAMTHITTA	P H CIRCLE THIRUVALLA
3	PROJECT DIVISION ADOOR	DIVISION OFFICE	PATHANAMTHITTA	P H CIRCLE THIRUVALLA
4	PROJECT DIVISION KANNUR	DIVISION OFFICE	KANNUR	P H CIRCLE KANNUR
5	PROJECT DIVISION MATTANNUR	DIVISION OFFICE	KANNUR	P H CIRCLE KANNUR
6	W S DIVISION KANNUR	DIVISION OFFICE	KANNUR	P H CIRCLE KANNUR
7	WS DIVISION THALIPARAMBU	DIVISION OFFICE	KANNUR	P H CIRCLE KANNUR
8	P H DIVISION KASARGOD	DIVISION OFFICE	KASARAGOD	P H CIRCLE KANNUR
9	P H DIVISION ALUVA	DIVISION OFFICE	ERNAKULAM	P H CIRCLE KOCHI
10	P H DIVISION KOCHI	DIVISION OFFICE	ERNAKULAM	P H CIRCLE KOCHI
11	PROJECT DIVISION PERUMBAVUR	DIVISION OFFICE	ERNAKULAM	P H CIRCLE KOCHI
12	P H DIVISION MUVATTUPUZHA	DIVISION OFFICE	ERNAKULAM	P H CIRCLE MUVATTUPUZHA
13	WS DIVISION KOCHI	DIVISION OFFICE	ERNAKULAM	P H CIRCLE KOCHI
14	PROJECT DIVISION, KOCHI	DIVISION OFFICE	ERNAKULAM	P H CIRCLE KOCHI
15	P H DIVISION KOLLAM	DIVISION OFFICE	KOLLAM	P H CIRCLE KOLLAM
16	P H DIVISION KOTTARAKKARA	DIVISION OFFICE	KOLLAM	P H CIRCLE KOLLAM
17	PROJECT DIVISION KOLLAM	DIVISION OFFICE	KOLLAM	P H CIRCLE KOLLAM
18	P H DIVISION KADUTHURUTHY	DIVISION OFFICE	KOTTAYAM	P H CIRCLE KOTTAYAM
19	P H DIVISION KOTTAYAM	DIVISION OFFICE	KOTTAYAM	P H CIRCLE KOTTAYAM
20	PROJECT DIVISION KOTTAYAM	DIVISION OFFICE	KOTTAYAM	P H CIRCLE KOTTAYAM
21	P H DIVISION KOZHIKODE	DIVISION OFFICE	KOZHIKODE	P H CIRCLE KOZHIKODE
22	P H DIVISION VADAKARA	DIVISION OFFICE	KOZHIKODE	P H CIRCLE KOZHIKODE
23	PROJECT DIVISION KOZHIKODE	DIVISION OFFICE	KOZHIKODE	P H CIRCLE KOZHIKODE
24	P H DIVISION SULTHANBATHERY	DIVISION OFFICE	WAYANAD	P H CIRCLE KOZHIKODE
25	P H DIVISION EDAPPAL	DIVISION OFFICE	MALAPPURAM	P H CIRCLE MALAPPURAM
26	P H DIVISION MALAPURAM	DIVISION OFFICE	MALAPPURAM	P H CIRCLE MALAPPURAM
27	PROJECT DIVISION MALAPURAM	DIVISION OFFICE	MALAPPURAM	P H CIRCLE MALAPPURAM
28	P H DIVISION THODUPUZHA	DIVISION OFFICE	IDUKKI	P H CIRCLE MUVATUPUZHA
29	PROJECT DIVISION KATTAPANA	DIVISION OFFICE	IDUKKI	P H CIRCLE MUVATUPUZHA
30	P H DIVISION PALAKKAD	DIVISION OFFICE	PALAKKAD	P H CIRCLE PALAKAD
31	P H DIVISION SHORNUR	DIVISION OFFICE	PALAKKAD	P H CIRCLE PALAKAD
32	W S PROJECT DIVISION PALAKKAD	DIVISION OFFICE	PALAKKAD	P H CIRCLE PALAKAD
33	W S PROJECT DIVISION CHITTUR	DIVISION OFFICE	PALAKKAD	P H CIRCLE PALAKAD

34	P H DIVISION IRINJALAKUDA	DIVISION OFFICE	THRISSUR	P H CIRCLE THRISSUR
35	P H DIVISION THRISSUR	DIVISION OFFICE	THRISSUR	P H CIRCLE THRISSUR
36	PROJECT DIVISION NATTIKA	DIVISION OFFICE	THRISSUR	P H CIRCLE THRISSUR
37	H W DIVISION ARUVIKARA	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
38	P H DIVISION (NORTH) TRIVANDRUM	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
39	P H DIVISION SOUTH TRIVANDRUM	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
40	PROJECT DIVISION TRIVANDRUM	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
41	SEWERAGE DIVISION TRIVANDRUM	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
42	W S DIVISION ATTINGAL	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
43	W S DIVISION NEYYATINKARA	DIVISION OFFICE	TRIVANDRUM	P H CIRCLE TRIVANDRUM
44	P H DIVISION ALAPPUZHA	DIVISION OFFICE	ALAPPUZHA	PH CIRCLE ALAPPUZHA
45	UIDSSMT PROJECT DIVISION ALAPPUZHA	DIVISION OFFICE	ALAPPUZHA	PH CIRCLE ALAPPUZHA
46	KIIFB PIU PROJECT DIVISION ALAPPUZHA	DIVISION OFFICE	ALAPPUZHA	PH CIRCLE ALAPPUZHA
47	QUALITY CONTROL DIVISION KOCHI	DIVISION OFFICE	ERNAKULAM	SRI NETTOOR
48	QUALITY CONTROL DIVISION KOZHIKODE	DIVISION OFFICE	KOZHIKODE	SRI NETTOOR
49	QUALITY CONTROL DIVISION TRIVANDRUM	DIVISION OFFICE	TRIVANDRUM	SRI NETTOOR

### Performance as on 31.03.2022.

Administrative wing were engaged with the implementation and upgradation of the following.

1. All service and salary matters related to employees were fully processed through G-Spark and actively took part in the modifications and refinement of G-Spark from time to time.
2. Confidential reports are made by e-CR and they were also deployed using the GSCORE software of NIC for managing the confidential reports of officers. Promotions were made for them wholly through this system.
3. Administration wing had implemented e-pension system developed by NIC for the distribution of pension. Through this all the calculations and related benefits can be processed digitally and is currently being tested for trials.
4. As digitization of files was necessary, Digital Document Filing System(DDFS) has been rolled out to all offices of KWA across the state. Necessary training were also provided to the staff.
5. Steps were started to transfer the digitization of files to government provided filing system named E-Office. Necessary steps have been taken to implement the system by next year as a whole.
6. As a part of digitizing the PF activities online, steps have been taken to introduce GAIN PF.

### Number of promotions ordered in various cadres, from 01.04.2021 to 31.03.2022.

SI No	Designation	Nos
1	Superintending Engineer to Chief Engineer	3
2	Executive Engineer to Superintending Engineer	14
3	Assistant Executive Engineer to Executive Engineer	25
4	Assistant Engineer to Assistant Executive Engineer	32
5	Draughtsman Grade I to Assistant Engineer	16
6	Draughtsman Grade II to Draughtsman Grade I	65
7	Overseer Grade III to Draughtsman Grade II	34
8	Surveyor Grade II to Surveyor Grade I	21
9	Accounts Officer to Internal Auditor	2
10	Senior Superintendent/ Revenue Officer to Accounts Officer	6
11	Divisional Accounts Officer to Senior Superintendent/ Revenue Officer	13

12	Junior Superintendent to Divisional Accounts Officer	20
13	Head Clerk to Junior Superintendent	40
14	Upper Division Clerk to Head Clerk	44
15	Lower Division Clerk to Upper Division Clerk	26
16	Confidential Assistant Grade II to Confidential Assistant Grade I	3
17	Operator to Head Operator	18
18	Sanitary Chemist to Senior Sanitary Chemist	3
19	Electrical Overseer Grade II to Electrical Overseer Grade I	4
20	Electrician to Electrical Overseer Grade II	4
21	Fitter to Head Fitter	2
22	Meter Inspectors to Senior Meter Inspectors	4
23	Meter Reader to Meter Inspectors	7
24	Plumbing Inspector to Senior Plumbing Inspector	4
25	Plumber to Plumbing Inspector	4
26	Vehicle Inspector to Chief Vehicle Inspector	1
27	Senior Grade Driver to Selection Grade Driver	1
28	Driver I to Senior Grade Driver	10
29	Driver II to Driver I	14
30	Last Grade to Meter Reader	13
31	Last Grade to Lower Division Clerk	30
	<b>Total</b>	<b>483</b>

**Appointment in various cadres by Kerala Public Service Commission from 01.04.2021 to 31.03.2022.**

<b>SI No</b>	<b>Designation</b>	<b>Nos</b>
1	Deputy Accounts Manager	3
2	Lascar	30
3	Sanitary Chemist	3
3	Surveyor Gr.II	69
4	Fitter	7
5	Plumber	5
6	Confidential Assistant Grade II	2
7	Worker/ Unskilled Worker	106
8	Lower Division Clerk	191
9	Office Attendant	227
10	Watchman	151
11	Lower Division Typist	57
	<b>Total</b>	<b>851</b>

**Staff Strength of Kerala Water Authority, during the period 01.04.2021 to 31.03.2022.**

Sl. No.	Particulars	Mode of Appointment				Total Employment
		Regular/ Permanent	Deputation	Contract	Daily Wages/ Casual/Others	
1	Board Level Employees (MD, etc.)	1	1			2
2	Below Board Level Employees:					
(i)	Managerial/Executives	146	1			147
(ii)	Supervisory (Unionized)	254	1			255
(iii)	Supervisory (Non-Unionized)	562				562
(iv)	Staff/Ministerial	4441	1			4442
(v)	Workers (Skilled)	332				332
(vi)	Workers (Unskilled)	984	1			985
	<b>Total</b>	<b>6720</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>6725</b>

**Medical Facility to Employees of KWA:**

- As per the SRO No.334/86, Notification No.50329/F2/84/LAD dtd 27th December 1985, Government of Kerala Published the rules for reimbursement of medical expenditure in respect of employees of Kerala Water and Waste Water Authority Employees(Reimbursement of Medical Expenditure)Rules 1985.
- In this rule, it is provided one month salary drawn by the employee as OP treatment which can be reimbursed to an employee during the calendar year except in the case of hospitalization and also provided reimbursement of medical claim as special sanction in case of prolonged medical treatment involving hospitalization with a limit of Rs.10,000/-. More than the same shall be considered by Government sanction from time to time from 1985.
- As per G.O.(P) No.58/2012/Fin dated 19.01.2012,( 9th pay revision effected for Kerala Water Authority), Pay revision Committee recommended that the existing medical reimbursement facility will be continued till a Health insurance scheme for employees is evolved. Also the special sanction limit of Rs.10,000/- to Managing Director for sanction of Medical Reimbursement claim was enhanced to Rs. 50,000/- .
- Accordingly, the Authority Board in its 369th meeting held on 21.02.2014 has resolved vide resolution no. 9783 to accept the proposal of Group Health Insurance policy to the employees in Kerala Water Authority for one year by way of deducting the 50% of Medical OP Claim (BP +DA) admissible to the employee. It has also been decided to give balance 50% of Basic Pay + DA, admissible to the employees of Kerala Water Authority as OP treatment claim.
- Accordingly, the Group Health Insurance Policy for the employees of Kerala Water Authority had started in the year 2014 and is still continuing. In order to safeguard the health of the employees as well as their entire eligible dependents, Kerala Water Authority has adopted the family floater Tailor made policy, which includes the employee, their spouse, Children & parents; in the absence of parents their corresponding in-laws can be joined in the policy. Initially the sum insured facility was for an amount of Rs.2,00,000/-. Consequent to the request of employees organizations, the next year onwards the sum insured facility was enhanced to Rs.3,00,000. An employee can avail a maximum amount for Rs. 3,00,000/- as cashless facility every year for their IP treatment from this Medical Insurance Scheme. All most all the important hospitals in Kerala are empanelled under this scheme. If a hospital is not empanelled, the employee can avail the facility of medical reimbursement of their IP treatment from the insurance company. M/s FHPL is the third party insurance which co-ordinate all these activities.

- Every year by inviting quotation from the Major Public sector insurance companies, Kerala Water Authority is implementing this scheme. The scheme is for one year which renews on 16th April of every year.
- Before inviting quotation, all major trade unions are invited for discussion and also after accepting the lowest quoted rate again opinions are collected from the trade unions for negotiation with the company for reducing their quoted premium. Subsequently, selected company and representative of all major trade unions are also invited for negotiation. On successful negotiation, an order will be issued to the selected company along with six months premium in advance towards the 1st installment. The second and final installment with GST will be paid to the company not later than on the last day of the sixth month from the date of commencement of the policy.
- An amount of Rupees One Crore (Rs.1,00,00,000/-) is also earmarked for every year by the insurance company for critical diseases as buffer amount for those employees/ dependents who exceeds the limit of rupees three Lakh.

#### **Group Health Insurance Scheme to employees:**

Year	Name of insurance company	Annual Premium (including tax)	No of Employees at the time of policy inception	Claims paid	Actual amount of premium paid without tax	Claim sanctioned	Claim Ratio
2017-18	United India Insurance Company	14,739	6890	3568	99,924,715	11,51,37,120	115%
2018-19	United India Insurance Company	19,180.00	7000	3600	115,696,289	13,35,51,808	115%
2019-20	United India Insurance Company	22,753.89	7100	3857	136217755	14,28,11,200	105%
2020-21	United India Insurance Company	24,166.67	6706	2727	140,085,682	12,93,50,903	93.34%
2021-22	United India Insurance Company	21416.1	6750	3137	12,30,06, 938	16,40,72, 790	133.41%

#### **Group Health Insurance Scheme to Pensioners:**

- As per G.O.(P) No.9/2016/Fin dated 20.01.2016,( 10th pay revision effected for Kerala Water Authority), Pay revision Committee recommended that a medical insurance scheme will be introduced to pensioners/family pensioners.
- Kerala Water Authority(KWA) is providing medical insurance coverage to all its employees covering spouse, children & parents. The pensioners organizations in KWA have represented for introduction of such a scheme to pensioners also, as implemented to the regular employees of KWA.
- Hence it was suggested to formulate a Medical insurance scheme for the pensioners and the scheme was discussed with all pensioners organizations and other stake holders and consent has been obtained from the pensioners for joining the scheme.
- In the case of employees of Kerala Water Authority, the premium of the scheme is paid from the funds kept for medical reimbursement (one month salary per year) to the employees. However, in the case of pensioners no such funds are available for premium payment. Hence it was proposed that premium shall be recovered from their respective monthly pension.
- Accordingly competitive quotations were invited from all major public sector insurance companies for floater sum insured of Rs. 2,00,000/- for the pensioners including their spouse and their physically challenged children if any.
- The minimum rate quoted firm were called for negotiation. Though protracted negotiations were held with the insurance company to have a monthly premium for the pensioners insurance scheme, the insurance company had cited its inability for the same due to their internal procedural regulations. Hence on humanitarian grounds it was proposed that the Kerala Water Authority shall release six month premium as advance to the insurance company

for starting the scheme which shall be recovered from the monthly pension of pensioners who are joining in the scheme.

- The KWA board in its meeting held on 17th December 2015 has discussed the matter in detail and decided to seek the approval of Govt to implement the scheme.
- Accordingly KWA had requested the Government to consider the proposal and to accord sanction for implementing the scheme and to release six months premium as advance amount to the insurance company.
- Vide G.O(Rt) No. 169/2016/WRD dtd 20.02.2016 Government had accorded sanction to implement the Health Insurance scheme to the Pensioners of Kerala Water Authority on condition that no amount on account of this scheme will be met by the State Government and also accorded to the Managing Director , Kerala Water authority to release the six month premium in advance to the insurance company from its own fund on condition that the responsibility to recover the amount from the pension of the pensioners shall be vested with the Managing Director, Kerala Water Authority.
- Accordingly the insurance premium amount is recovered from the pension of the pensioners in equal installments.
- The scheme is for one year and which renews on 1st April of every year.
- Thus Kerala Water Authority is the first institution in the State and probably in India to start such a welfare initiative for the pensioners.

#### **Group Health Insurance Scheme to pensioners:**

Year	Name of insurance company	Monthly premium	Annual Premium (including tax)	No of Pensioners at the time of policy inception	Claims paid	Actual amount of premium paid without tax	Claim sanctioned	Claim Ratio
2016-17	United India Insurance Company	496	5952	3000	576	12505445	2,63,53,568	111% above
2017-18	United India Insurance Company	850.00	10200	3000	872	2,29,74,602	3,27,21,356	142.4% above
2018-19	M/s Oriental Insurance Co	1,339.00	16059.16	2605	944	3,54,52,641	3,66,53,400	103.4%above
2019-20	M/s Oriental Insurance Co	1,349	16191.81	2607	1,049	3,72,81,316	3,91,97,611	105.1%above
2020-21	M/s Oriental Insurance Co	1,335.00	16019.68	2771	736	37624413	29325236	22%below
2021-22	M/s Oriental Insurance Co	1,281.00	15373	2700	1005	37663496	4,95,65,932	132 % above

## Chapter VI

### JAL JEEVAN MISSION

#### **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 by 2024. The scheme is being jointly implemented by the 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. With the project to be completed by 2024, the State government is implementing the project in the midst of the crisis caused by the Covid epidemic. Out of the existing 67.15 lakh rural households in Kerala, which is now 70.68 lakh rural household (after Yearly Data Updation), 17.5 lakh households were provided with water supply connection till 01/04/2020. During 2020-21, State could increase the coverage to 21.54 lakh connections as on 31/03/2021. 32.08% rural households in Kerala are provided with functional household tap connections as on 31.03.2021. State could provide 4,04,464 water supply connections to rural households through the mission during 2020-21 in the midst of the crisis caused by the Covid epidemic. During 2021-2022 the FHTC achieved is 6,63,874 FHTCs out of a target of 29,37,564 FHTCs and total connections as on 01/04/2022 is 28.18 Lakhs (39.86 %).

#### **Project Progress during 2021-22.**

In 2020-2021 Government issued orders for the implementation of Jal Jeevan Mission through the 3 tier Panchayati Raj system on June 2020. The Annual Action Plan (AAP) for 2020-21 to provide 21.42 lakh household water supply connections was approved in July 2020. The main focus of the plan was on SC / ST dominated villages and areas with quality problems due to excessive presence of fluoride, salinity and iron. 2020-21 AAP also included measures to ensure water availability by revising the status quo of habitations that previously had piped water by strengthening the schemes as needed. It was also planned to provide FHTCs to households by launching new schemes in villages where there are currently no drinking water schemes. Following the approval of 2020-21 AAP in July 2020, various committee at the Panchayat, District and State levels have been formed and worked hard to implement the plan. The projects are being implemented by the Kerala Water Authority, KRWSA and the Ground Water Department. State Level Inauguration of the Scheme was done by Hon. Chief Minister Shri. Pinarayi Vijayan on 08/10/2020. The State Government has given administrative sanction for projects worth Rs. 6765.25 crore to provide 21.64 lakh connections and related works approved by the District Water and Sanitation Missions in two phases. (Administrative sanction was given on 21/08/2020 for projects worth Rs. 4448.68 crore to provide 16.48 lakh connections and for support activities, water quality monitoring and surveillance. In the second phase, Administrative Sanction was given on 24/12/2020 for projects worth Rs. 2316.57 crore to provide 5.16 lakh connections, connection to 611 Anganwadis and temporary installation of CWPPs in water quality affected areas). Panchayat level daily progress of the project is provided in Kerala Water Authority website for proper monitoring and bringing transparency in project implementation. The public and the people's representatives can access this information at any time through the website. Kerala Water Authority has invited tenders for 1147 works to provide 21.27 lakh connections as on 31/03/2021. Work orders have been issued for 894 works to provide 13.29 lakh connections as on 31/03/2021. 4,04,464 FHTCs have been provided during 2020-21 as on 31/03/2021.

Thus State could increase the coverage to 21.54 lakh connections as on 31/03/2021. As on 31.03.2021, 32.08% rural households in Kerala are provided with functional household tap connections. As part of Jal Jeevan Mission, GOI also announced 100 days programme for 100% coverage to rural schools and Anganwadis. Out of the 10981 rural schools and 24713 Anganwadis, 10627 numbers of schools and 23717 numbers of Anganwadis were provided drinking water through tap connections. State has achieved 96.78% coverage in case of rural schools and 95.97% coverage in case of rural Anganwadis during 2020-21. In addition to providing safe water supply connection to rural households, the programme also implemented water quality monitoring and surveillance activities, support activities to provide information, education and skill development to local community and other stakeholders, campaigning/community mobilization/publicity through visual media/other social media etc. The mission is being implemented on a community approach to water and also include extensive Information, Education and Communication as a key component of the mission.

- During 2021-2022 the target for the year is fixed as 29.38 lakhs. The backlog of 2020-21 target – 17.38 lakh added to the 2021-22 original target of 12 lakhs. Thus the target for 2021-22 revised to 29.38 lakhs. The FHTC achieved for the year 2021-2022 is 6,63,874.
- Thus the target for the year 2022-2023 is fixed as 32,96,325, as the the backlog of 2021-22 target – 22.74 lakh added to the 2022-23 original target of 10.23 lakhs.

#### **a. Support Activities**

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.

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.

In Support Activities ISAs engaged in GPs for IEC activities. Training programmes conducted to create awareness to Panchayat officials and stakeholders. 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.

#### **b. Water Quality Monitoring and Surveillance Programme (WQM&SP)**

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.

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.

#### **Achievements**

- All rural Schools and Anganwadis in the state provided with safe drinking water.
- Under Water Quality Monitoring and Surveillance Activities (WQM&S), 82 labs got NABL accreditation. 100%

saturation attained in 34 panchayat

➤ 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.

### **c. NITI Ayog**

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 habitations by providing pipeline extension from treated sources. As per the status as on 31.03.2021, 5 Fluoride affected habitations are remaining to be covered. All the remaining Fluoride affected habitations will be covered during 2022-23.

### **Financial progress**

During the year 2021-22, State had received an amount of Rs. 1353.44 Crore as the Central Share of Jal Jeevan Mission. Also received the Rs. 1353.44 Crore from the State Government being the matching state Share. The total available fund under Jal Jeevan Mission for the year 2021-22 was Rs. 2767.95 crore including the Opening Balance. Out of the above, State had utilised an amount of Rs. 2017.01 crore (72.87%) for JJM activities. The Central share expenditure during 2021-22 was Rs. 957.44 crore and State share expenditure was Rs. 1059.57 crore.

Details of JJM works during the year 2021-2022 is given as **Annexure 10**.

## Chapter VII

### JICA ASSISTED KERALA WATER SUPPLY PROJECT

JICA Assisted Kerala Water Supply Project envisages the implementation of five water supply schemes in Thiruvananthapuram, Meenad, Cherthala, Kozhikkode and Pattuvam for a total estimated cost of Rs. 1787.45 crores. The project cost have been subsequently revised to Rs. 2987.40 crores. All the projects have been commissioned and water is effected to the beneficiaries. Out of 4490 km of distribution lines envisaged in the five Projects, about 4104 km has been laid except 386 km (Kozhikkode Project: 352 km and Meenad Project: 34 km). The distribution networks envisaged for Trivandrum, Cherthala and Pattuvam have been completely laid.

#### **AS Details**

GO (Rt) No. 1409/97/lrd dated 15.10.1997 for Rs. 1787.45 Crores

GO (Rt) No. 1095/2007/WRD dated 16.08.2007 for Rs. 2589.90 Crores

GO (Rt) No. 1175/09/WRD dated 20.10.2009 for Rs. 2987.40 Crores

Head of the work: JICA Project

Name of the work: JICA Assisted Kerala Water Supply Project

Cumulative Expenditure till 31.03.2022: Rs. 2653.94 Cr

Expenditure during the year 2021-22: Rs. 1.109 Cr

#### **Status of the work as on 31.03.2022**

The major components of all the five schemes under the project have been completed for production, transmission and storage of treated water viz, intake, raw water pumping/ gravity mains, transmission systems and service reservoirs. The total installed capacity of all five schemes is 516 MLD, for raw water pumping and production of treated water. The treatment plants are based on state-of-the- art design, using either lamella plate clarifier or sludge blanket clarifier technology and equipped with automatic control and operational features. For raw water pumping from source to Water Treatment Plant, 34 km of pipe lines and for clear water transmission 408 km of pipe lines have been laid for the five schemes overall. There are 76 new Ground Level or Over Head Service reservoirs constructed for the five schemes with an overall capacity of 232.96 Million litres for the distribution of treated water.

All the projects have been commissioned and water is effected to the beneficiaries. Out of 4490 km of distribution lines envisaged in the five Projects, about 4104 km has been laid except 386 km (Kozhikkode Project: 352 km and Meenad Project: 34 km). The distribution networks envisaged for Trivandrum, Cherthala and Pattuvam have been laid completely.

The Institutional Strengthening (IS) component of KWSP covers various aspects such as Central Control Unit, procurement of equipment, procurement of services, network & connectivity, servers & storage infrastructure. The work of Central Control Unit which comprise of a 10 storied building is completed and made functional.

Sl. No.	Schemes	Planned Progress %	Achieved Progress %
1	Thiruvananthapuram Scheme	100	98
2	Meenad Scheme	100	98
3	Cherthala Scheme	100	100
4	Kozhikkode Scheme	100	96
5	Pattuvam Scheme	100	100

**Physical progress achieved as on 31.03.2022**

Scheme	Package	Description	Status of completion	Remarks
Thiruvananthapuram	I	Intake, Raw Water Pipeline and WTP	100%	Completed
Thiruvananthapuram	II	Treated Water Transmission Pipeline	100%	Completed
Thiruvananthapuram	III	Distribution Systems	Work terminated & Contract closed	Contract terminated and rearranged as PIII –R1.
Thiruvananthapuram	IIIR1	Distribution Systems-Balance works	100%	Completed
Thiruvananthapuram	IV	Service Reservoirs	100%	Completed
Thiruvananthapuram	V	Rehabilitation Works of Existing System	95%	Work terminated due to breach of contract and rearranged
MND	I	Intake, Raw Water Pipeline and WTP	100%	Completed
MND	II	Treated Water Transmission Pipeline	100%	Completed
MND	III	Distribution Systems	Work terminated & Contract closed	Contract terminated and rearranged as PIII –R1.
MND	IIIR1	Distribution Systems-Balance works	43.15%	Terminated due to poor progress. Balance work re-tendered and arranged as new contract P3RR1.
MND	IIIRR1	Distribution Systems-Balance works	75%	Work closed as per KWA Board Resolution dated 03.01.2020
MND	IV	Service Reservoirs	100%	Completed
Cherthala	I	Intake, Raw Water Pipeline and WTP	100%	Completed
Cherthala	II	Treated Water Transmission Pipeline	100%	Completed
Cherthala	III	Distribution Systems	100%	Completed
Cherthala	IV	Service Reservoirs	100%	Completed
Kozhikkodu	I	Intake, Raw Water Pipeline and WTP	100%	Completed
Kozhikkodu	IIA	Treated Water Transmission Pipeline	100%	Completed
Kozhikkodu	IIB	Treated Water Transmission Pipeline	100%	Completed

Kozhikkodu	III	Distribution Systems	Work terminated & Contract closed	Contract terminated and rearranged as PIII –R1 & R2
Kozhikkodu	IIIR1	Distribution Systems - Balance works	64%	Contract closed as on 31.03.2020
Kozhikkodu	IIIR2	Distribution Systems- Balance works	74%	Contract closed as on 31.03.2020
Kozhikkodu	IV	Service Reservoirs	100%	Completed
Kozhikkodu	IVR1	Service Reservoirs at Thalikulathur	100%	Completed
Kozhikkode	IVR2	Service Reservoirs at Kakkur	100%	Completed
Kozhikkode	IVR3	Service Reservoirs at Narikunni	100%	Completed
Kozhikkode	V	Rehabilitation Works of Existing System	100%	Completed
Pattuvam	I	Intake, Raw Water Pipeline and WTP	100%	Completed
Pattuvam	II	Treated Water Transmission Pipeline	100%	Completed
Pattuvam	III	Distribution Systems	Work terminated & Contract closed	Contract terminated and rearranged as PIII –R1 , R5 & R6
Pattuvam	IIIR1	Distribution Systems - Balance works	100%	Completed
Pattuvam	IIIR5	Distribution Systems- Balance works	100%	Completed
Pattuvam	IIIR6	Distribution Systems - Balance works	100%	Completed
Pattuvam	IV	Service Reservoirs	100%	Completed

### **What is JICA and KWSP?**

The Government of India received an Overseas Development Assistance (ODA) loan from the Japan International Cooperation Agency (JICA) during 1996-97 towards the implementation of the Kerala Water Supply Project (KWSP) in the state of Kerala.

JICA is part of Japan's official development assistance effort, with a role in providing technical cooperation, capital grants and yen loans. JICA's core development programs (aid modalities) are technical assistance programs/ projects for capacity and institutional development, feasibility studies and master plans.

JICA was first known as OECD (Overseas Economic Co-operation and Development) and then as JBIC (Japan Bank for International Co-operation).

### **What was the objective of this project?**

The JICA Assisted Kerala Water Supply Project mainly comprised a package of five stand-alone Water Supply Schemes in the State of Kerala. The project is targeted to ensure drinking water supply to about 4.1 million population. The main objective of the project was to Construct, Augment and Rehabilitate the water supply systems of:

Thiruvananthapuram city region

Meenad (1 municipality and adjoining 13 Panchayats in Kollam Dist.)

Cherthala municipality and adjoining 18 Panchayats (Alappuzha Dist.)

Kozhikode city region and adjoining 16 Panchayats

Pattuvam (1 municipality and adjoining 11 Panchayats in Kannur Dist.)

The project was targeted to provide drinking water supply to about 41 lakh population in the 5 districts of Kerala. In addition, the project included a number of components for Institutional Strengthening of Kerala Water Authority.

The installed capacity of all the schemes put together comes to 516 MLD. There are 76 new Ground Level and Over Head Service reservoirs in the five schemes with an overall storage capacity of 232.96 million litres. Total length of raw water and clear water mains is 442 km and length of distribution main envisaged was 4490 km with additional strengthening proposed later utilizing other funds.

In accordance with the Loan Agreement, M/s. Tokyo Engineering Consultants' Consortium (TECC), Japan, was appointed during June 2003 as the Project Management Consultants for the implementation of the project, following JICA guidelines. TECC consisted of a consortium of 5 companies, namely, Tokyo Engineering Consultants Co., Ltd., Japan (Lead Partner); Black and Veatch International, UK; Poyry Environment GmbH, Germany (Formerly GKW Consult), Shah Technical Consultants Pvt. Ltd., Mumbai and Centre for Environment and Development, Thiruvananthapuram.

The Project components, including their number, sizes and extent, in nutshell are given in Table below.

Particulars	Unit	Thiruvananthapuram	Meenad	Cherthala	Kozhikode	Pattuvam
Intake and Pumping	Job	1	1	1	1	1
Raw Water Transmission Pipeline	km	0.3	1.6	21	0.5	11.5
Water Treatment Plant	MLD	74	71	107	174	90
Treated Water Transmission Mains	km	41	80	81	123	82
Distribution System	km	388	963	663	1853	623
Service Reservoirs						
OHSR	No.	6	9	18	10	12
GLSR	No.	5	5	-	10	1
Total capacity	ML	55	25	36	85	29
Rehabilitation of existing System	Job	1	-	-	1	-
Institutional Strengthening	Job	Over 10 components under procurement of equipment, procurement of services, wide area networking, Non-revenue Water management, Central Control Unit Building etc.				

The various construction works have been packaged for contracting purposes as follows

Package – I	Intake, Raw Water Pumping Main and Water Treatment Plant
Package – II	Clear Water Transmission Mains
Package – III	Distribution System
Package – IV	Service Reservoirs
Package – V	Rehabilitation works for Thiruvananthapuram and Kozhikode schemes

#### **Details of funding, rate and normal period of operation?**

The Japan International Co-operation Agency (JICA) provided the funds as loan for the project implementation, but about 15% of project cost was to be met as share by the Govt. of Kerala, inclusive of all land acquisition costs and taxes. Loan Agreement for the project was between the GoI and JICA. The GOI was the borrower and KWA was the executing agency for the Project. M/s Tokyo Engineering Consultants' Consortium (TECC) was appointed as the Design and Construction Supervision Consultant, as laid down in the loan agreement. As for JICA Loan portion, the Project is funded under time-slice approach and 3 tranches of loan had been availed as follows.

Loan No.	Loan Amount, JPY Million	Rate of Interest	Remarks
ID-P 123	11,997 million	2.1%	Loan closed in June 2008 for JPY 11,822 million. (Rs. 423.35 crores)
ID-P 184	32,777 million	1.3%	Loan closed in March 2013 for JPY 29,595 million. (Rs. 1427.35 crores)
ID-P 203	12,727 million	1.2%	Loan closed in July 2015 for JPY 5652 million (Rs. 366.04 crores)
<b>Total</b>	<b>57,501 million</b>		<b>2216.74 Crores</b>

The period of repayment of each tranche is 30 years, including 10 years of grace period.

#### **What was the amount of funding and ratio of funding?**

The total cost of the project had been estimated as Rs. 1787.45 crores in 1996 which was subsequently revised to Rs. 2987.40 crores in 2008. Out of this up to Rs. 2,664.70 crores could be the loan portion to be funded by JICA and the remaining amount is the Govt. of Kerala share.

Loan No.	1st tranche	2nd tranche	3rd tranche
	ID-P 123	ID-P 184	ID-P 203
Total project cost	JPY 56127 million	JPY 65263 million	JPY 75150 million
	Rs. 1787.45 crores	Rs. 2589.90 crores	Rs. 2987.4 crores
JICA loan	JPY 47708 million (1996 Estimate)	JPY 54529 million (2006 estimate)	JPY 58171 million (2008 estimate)
	Rs. 1519 Crores	Rs. 2164 Crores	Rs. 2664.7 Crores
State Share	Rs. 268 Crores	Rs. 426 crores	Rs. 322.7 crores
Loan Sanctioned	JPY 11997 million (Rs. 476 crores)	JPY 32777 million (Rs. 1301 crores)	JPY 22444 million (Rs. 901.4 crores)

Date of Agreement	25.02.1997	30.03.2007	31.03.2009
Interest rate	2.1%	1.3%	1.2% with 0.1% commitment charge on the unused balance of loan every six month
Exchange rate JPY to INR	3.14	2.52	2.49

The JICA loan for the project was closed on 27.07.2015 considering the time lapse and the total loan availed till closure was Rs. 2216.74 Crores. Thereafter, the project was continued under State Plan and the up to date expenditure incurred as on 31.03.2022 is Rs. 2653.94 Crores.

**Who is repaying the loan and what rate of interest?**

The Government of India is repaying the loan. The rate of interest is as mentioned in the table above.

**What was the normal period of operation of JICA assisted KWSP?**

The JICA project was designed considering a project period of 30 years divided into 2 phases - the Phase I was up to 2021 and Phase II was till 2036. The JICA funding was for Phase I only. In Phase II, the works envisaged are expansion of the distribution system and execution of expansion of water treatment plant capacities in Trivandrum and Kozhikode Schemes. Of these, the works in Trivandrum WTP was already taken up and completed under AMRUT project and distribution system was taken up under JNNURM project. For Cherthala and Pattuvam, the extension of distribution is already envisaged. The other remaining works in Kozhikode are been proposed under Jal Jeevan Mission and AMRUT 2.0.

**How far the works were completed in physical terms and financial terms?**

The details of completion and progress status of all the contracts are given below.

Scheme	Package I	Package II	Package III	Package IV	Package V
Trivandrum	Completed	Completed	Completed	Completed	**90% Completed.
Meenad	Completed	Completed	*75% Completed. (Contract closed)	Completed	NA
Cherthala	Completed	Completed	Completed	Completed	NA
Kozhikode	Completed	Completed	*70% Completed. (Contract closed)	Completed	Completed
Pattuvam	Completed	Completed	*Completed	Completed	NA

\* The contracts for distribution system (P III) of 3 schemes (Meenad, Kozhikode and Pattuvam) were awarded to a single contractor M/s K. Ramakrishna Contractors Pvt. Ltd., Hyderabad, but they didn't do the works even after giving a prolonged extension of time. Finally the work had to be terminated and rearranged at risk and cost. This brought in so much additional works such as valuation of executed works, transfer of procured materials etc., preparation of as-built drawings and estimates and bid documents for new tendering.

\*\*The rehabilitation package (Package V) of Thiruvananthapuram Scheme is terminated and rearranged due to breach of contract.

Under Institutional Strengthening Component, all works are completed except Asset Mapping and Installation of Bulk flow meters. All the ERP related works were transferred to IT wing of KWA under CE(HRD) vide KWA Board resolution no 10247, resolved in the 382nd meeting on 17.12.2015.

The financial progress is as given below.

Scheme	Package I	Package II	Package III	Package IV	Package V
Trivandrum	100%	100%	95% Final bill under scrutiny	100%	80% Completed.
Meenad	100%	99.85%	85%. Final bill under scrutiny	100%	NA
Cherthala	97%	100%	100%	100%	NA
Kozhikode	100%	100%	53%. Final bill under scrutiny	100%	100%
Pattuvam	100%	99%	100%	100%	NA

**What is the revenue generated per annum from JICA assisted KWSP and the cumulative revenue till 31.03.2022.**

No separate policy is made applicable for the JICA project. The revenue model is the same as for other schemes and revenue is collected without making any distinction among schemes.

The annual revenue reported by field officials are given below:

Year	Trivandrum	Meenad	Cherthala	Kozhikode	Pattuvam	Revenue per Annum (Cr)
2010-11	6.71					6.71
2011-12	6.71	0.013				6.723
2012-13	6.71	0.033	5.56		0.05	12.353
2013-14	6.71	0.052	2.63		0.17	9.562
2014-15	6.71	1.08	4.77	1.77	0.22	14.55
2015-16	6.71	1.91	4.04	7.43	2.59	22.68
2016-17	6.71	2.36	6.90	12.01	3.07	31.05
2017-18	6.71	3.23	7.53	15.68	2.89	36.04
2018-19	6.71	4.48	7.17	20.13	3.45	41.94
2019-20	6.71	4.16	8.53	18.54	4.24	42.18
2020-21	19.22	3.27	8.63	27.91	4.71	63.74
2021-22	9.02	3.09	14.05	20.00	5.12	51.28
<b>Total Revenue (in Cr)</b>	<b>95.34</b>	<b>23.68</b>	<b>69.81</b>	<b>123.47</b>	<b>26.51</b>	<b>338.808</b>

The cumulative revenue from JICA Assisted KWSP till 31.03.2022 is Rs. 338.808 Crores

**Is there a investment – benefit analysis?**

No, except for the cost benefit analysis presented to JICA, during initial evaluation. But it was based on cost of water to match cost of production.

**If the project remains incomplete, clearly spell out the reasons for that and who is giving residual cost?**

The implementation of the project started in Sep. 2003 with the appointment of Tokyo Engineering Consultants Consortium (TECC) Consultants. The detailed design and tendering works took a time of 2-3 years (until 2006-07) for different contract packages and then the construction activities began. The construction period was set initially as 2 years only. But due to vast scope of works, some new land acquisition proposed while reviewing project feasibility reports, delay in obtaining permission from various line agencies such as Railways, National Highways, Forest, Public Works Department etc. of the Central and State Governments, each works contract suffered delay in various amounts, in addition to several delays attributed to the contractors.

The contracts for distribution system of 3 schemes (Meenad, Kozhikode and Pattuvam) were awarded to a single contractor M/s K. Ramakrishna Contractors Pvt. Ltd., Hyderabad, but they didn't do the works even after giving a prolonged extension of time. Finally the work had to be terminated and rearranged at risk and cost. This brought in so much additional works such as valuation of executed works, transfer of procured materials etc., preparation of as-built drawings, preparation of estimate and bid documents for new tendering. The rearranged distribution works of Pattuvam Scheme were completed. For Kozhikode Scheme the works were closed as on 31.03.2020 as per KWA Board Resolution dated 03.01.2020. For Meenad Scheme, the rearranged works had to be terminated and rearranged again and short closed as on 23.04.2021 as per KWA Board Decision.

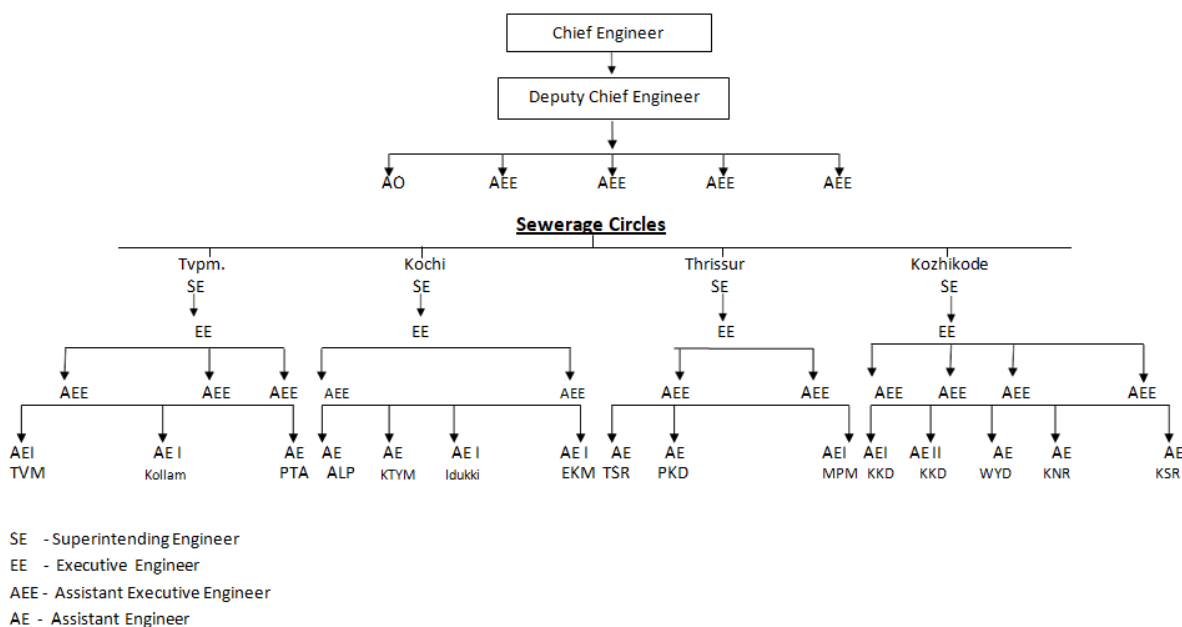
Most of the works viz. Packages 1, 2 and 4 were completed by 2011/12. All the five schemes are operational now except for the following (i) part of Distribution networks of Kozhikode scheme (ii) Rehabilitation works of existing water treatment plants of Thiruvananthapuram and (iii) A few components like Asset Mapping and Installation of Bulk flow meter under Institutional Strengthening Component.

The loan for the project was closed by JICA on 27.07.2015 and the residual cost for balance works is being met under State Plan vide Govt letter dated 31.03.2022. As on date Rs. 130.68 crore expended as state plan.

The Consultancy contract with TECC was terminated with effect from 31.03.2016. After closure of Consultancy services, the responsibility of Operation and Maintenance of completed assets under this project and execution of balance works were vested with existing/ newly formed KWA regular/ project offices by rearranging the organizational set up of regional JICA offices established for the implementation of the project. The implementation of Rehabilitation Works of Trivandrum and Kozhikode had been transferred to regular divisions earlier on award of works to the respective contractors.

## Chapter VIII

### SEWERAGE, PPD & WASCON



WASCON the Consultancy Wing of Kerala Water Authority was set up, as per GO(Rt.)45/2008/WRD dated 08/01/2008 with the intention of providing Engineering Consultancy services for in house works and outside works.

Since its inception, WASCON has taken up many design works as well as preparation of project reports for many Water Supply Schemes. WASCON had done designs for many Water Treatment Plants and Service Reservoirs. Design for 100 mld Water Treatment Plant at Vasoorchira, Kollam.

Later on Project Preparation and Development Unit PPD was formed vide proceedings no. KWA/JB/E2(A)/18977/2015 of Managing Director dated 27-02-2016 by reorganizing WASCON so as to take up preparation of well-planned and well-designed projects reports.

The Unit is headed by a Chief Engineer and has 3 regional offices at Thiruvananthapuram, Kochi and Kozhikkode which are headed by Superintending Engineers assisted by an executive Engineer each. In addition, there are Camp offices in each district which is under the control of Assistant Engineer. Survey works are done by the Camp offices and engineering reports are prepared and submitted to the higher offices for approval. Taking into consideration the importance of sewage treatment and dispose across the state, a Sewerage Vertical was created vide Order No. 1279/E2(A)/2020/KWA dated 07/07/2020. The CE (PPD&WASCON) was designated as the head of the newly formed Sewerage Vertical with four Sewerage circle offices at Thiruvananthapuram, Kochi, Thrissur and Kozhikode under him. For this purpose Sewerage Circle, Kochi created earlier vide KWA/JB/E2(A)/1279/2020 dated 03/02/2020, to co-ordinate, execute and maintain sewerage works across Kerala was clubbed with the existing PPD Regional offices at Thiruvananthapuram, Kochi and Kozhikode to form four Sewerage Circles at Thiruvananthapuram, Kochi, Thrissur and Kozhikode. The erstwhile SE, PPD Tvpm is functioning as SE, Sewerage Circle, Thiruvananthapuram with Thiruvananthapuram, Kollam and Pathanamthitta districts under its jurisdiction. Similarly SE, Sewerage Circle, Kochi is functioning with Kottayam, Alappuzha, Idukki and Ernakulam districts. The SE, PPD, Kochi is functioning as SE, Sewerage Thrissur, and have districts Thrissur, Malappuram and Palakkad under its jurisdiction. SE, PPD, Kozhikode is functioning as SE, Sewerage Circle, Kozhikode with Kozhikode, Kannur, Wayanad and Kasargod under its control.

## Details of schemes in operation under execution during 2021-22.

### a) Thiruvananthapuram Muttathara 107 MLD(Activated Sludge with extended aeration system)

The existing sewerage system in Thiruvananthapuram city region commenced in the year 1945 covering the then main areas of the city. Presently in Thiruvananthapuram Corporation area, 43 out of 100 wards are covered either partly or fully with sewerage system. For convenience the city area was divided into 5 blocks which were commissioned in different periods

- Area of coverage : 75 sq km (Old Corporation area)
- Percentage of Coverage : 40%
- Number of wards covered : 43
- Number of existing blocks : 5 (A,B,C,D,E)
- Number of connections : 52000
- Location of STP : Muttathara
- Capacity of STP :107 MLD
- Length of pipeline network : 600 km
- Number of manholes : 20000(approximately)

Sewerage Block	Year of commissioning	Covered area ( Sq. km)
A	1945	13.84
B	1965	5.51
C	1970	4.12
D	1990	6.5
E	1994	13.06
<b>Total</b>		<b>43</b>

### b)Kochi atElamkulam 4.5 MLD (Activated sludge process)

In Kochi existing sewerage system covers only 5% of Kochi Corporation. At present the Kochi Corporation is spread over 94.88 km<sup>2</sup> and has been divided in to 74 wards with total population of 602046 as per 2011 census. Considering 80% return, total sewage quantity in the year 2052 is estimated to be 147.80 MLD.

The old Sewage Treatment Plant located at Elamkulam of capacity 4.50 MLD is now replaced by a new STP of capacity 5mld. The plant works in activated sludge treatment process. The plant technically commissioned in November 2022. DPR for 1.75 MLD Sewerage network submitted to RKI for AS, for the full utilization of the newly commissioned plant. Expecting AS for this from RKI. KMRL also planned to construct a 17.5 MLD STP at Elamkulam KWA site, DER for the same is under preparation.

### c) Three MLD STP at Guruvayur (Activated sludge process)

The Guruvayoor drainage Project is planned to provide an effective drainage system for the full coverage of thickly populated area under Guruvayoor Municipality. The main aim of the scheme is to collect the sewage from houses, flats, hotel etc.and treated in a sewage plant of capacity 3 MLD STP at Chakkumkandam at Guruvayoor. The work had completed on 8/11/21 and STP is functioning.

### **STPs Under construction:**

#### **1. Kollam at Kureepuha 12 MLD (MBBR)**

(Sewer network not completed and works of stopped due to public protest for a long period now the site cleared and work started.)

#### **2. STP at Viyur Central Jail:**

Tendering process was started for the construction of STP.

#### **3. 45 KLD STP at Pazhayannur :**

Tendering process was started for the construction of STP.

### **Details of Schemes completed during 2021-2022**

5 MLD STP for medical college campus alone under AMRUT commissioned on 08/08/2021.

### **Details of major achievements of WASCON during 2021-2022**

1. KIIFB – WSS to Chazhur, Thaniam and AnthikadPanchayth in Thrissur district  
Package I –Design, Construction and Commissioning of 12 MLD WTP at Chazhur.
2. Drinking water project Coastal Panchayaths of Chirayinkeezhu Constituency Phase I &II – KIIFB – TRA N-11 WRD 025-10 – Design of 15 MLD WTP, 9LL Clear Water Pumping Main at Chirayinkeezhu.
3. Sewerage – Construction of Pumping Station at Akkulam (Block-K) Structural design.
4. WSS to Guruvayur Municipality in Thrissur district – Design, Construction and Commissioning of 1.0 LL capacity OHSR at Chakkumkandam.
5. TWSS – Rehabilitation of existing PSC pipe transmission main with MS pipe from Peroorkada to Manvila in Thiruvananthapuram district – KIIFB – Design and drawing of Valve Chamber & Anchor Block of various sizes.
6. Integrated WSS to Kazhakuttom Constituency – Mini WSS to Kodikunnu in Njandoorkonam Division to Tvpm Corporation and adjoining villages.
7. JJM – 2020-21 CWSS to Muthuthala, Parathur and Thoruvengapara 16 MLD WTP at Manjaparakunnu.
8. AMRUT Project – Ollukkara (Mulayam) – Design of proposed 3 MLD WTP at Ollukkara.
9. Jal Jeevan Mission – Construction of new building of State Referral Institute for water quality Nettoor.
10. WSS to KollayilGramaPanchayath. Supplying and laying transmission main with 300mm DI K9 from Neyyattinkara Hospital jn.toDhanuvachapuram ITI Campus – Deviation proposal – Hydraulic calculation submitting.
11. KIIFB – 2017-18 CWSS to Resolve the scarcity of drinking water in various Gramapanchayaths in Malampuzha – Phase I – Package I- Construction and Commissioning of 8 LL OHSR, 7 LL OHSR and 1 LL OHSR in Malampuzha and Marutha road panchayaths – Structural drawings of Steel bridges of pipeline work for approval.
12. CWSS to Elappully, Nallepilly, Perumatty and Pattanchery panchayaths in Palakkad district – KIIFB – Distribution System – Design construction of 6 LL OHSR at Meenakshipuram – Additional six copies of drawings.
13. KIIFB – Augmentation of WSS to Angamaly Constituency. WSS to Malayattoor – Neeleswaram and Ayyanpuzhapanchayaths. Construction of 8 MLD WTP at plant site at Illithode.
14. AMRUT 2015-16 – Rejuvenation of Elamkulam Sewage Treatment Plant at Kochi – Design and Construction of 5 MLD STP at Elamkulam.
15. Jal Jeevan Mission – Comprehensive Drinking Water Scheme to Elevenchery, Pallasana, Alathur, Erumayur, Pudukode and Kavasserypanchayaths in Palakkad district. Design of 40LL OHSR at Alathur.
16. JJM – Nooranad, Chenakkara, Palamel, Thamarakulam – Design
17. 17. Changing of protection wall to Retaining wall in Kayyoor, Cheemeni and Ezhimala naval academy.
18. Jal Jeevan Mission Phase II – ARWSS to Pathanapuram and Piravanthoor – Pipe line extension – Design of 1.28 LL OHSR at Mancode.
19. STATE PLAN – 2020-21 – Source Improvement of Sasthamcotta water treatment plant – Construction of recycling plant at Sasthamcotta in Kollam district.
20. AMRUT- WSS to Thrissur Corporation – Design and Construction of 5LL OHSR cum Sump cum Pump house at Kuttanellur.
21. WSS to Koratty and KodukuttyPanchayath – Structural design of WTP

22. State Plan 2019-20 – Interim Augmentation of WSS to Kochi City and adjoining panchayaths
23. Construction of staff quarters at Aluva – Approved design
24. Jal Jeevan Mission – 2020-21 – Renovation of Kottapari Scheme and providing water connection in Edavagramapanchayath – Construction of Sump, Filtering and OHSR.
25. KIIFB – WSS to Kodasseri, Pariyaram, Athirappillypanchayaths – Package III – Construction of Steel bridge at Nambiarpady.
26. KIIFB Renovation and Augmentation of 25 MLD WTP at Kallissery, Renovation of 33 MLD at Thiruvalla, Changanassery Municipalities and adjoining two panchayaths – Construction of 15LL OHSR at Parayankuzhy and Thiruvandoor.
27. WSS to Thanur Municipality and adjoining four villages – phase I – Design for the construction of XXLL capacity OHSR at Thanur Municipality.
28. Kasargod Development Package – WSS to Govt. Medical College at KasargodBadiadka – Construction of 10LL OHSR.
29. AMRUT – Augmentation of WSS to Kollam Corporation – Phase I – Package IV – Design of 100 MLD WTP at Vasoorichira.
30. Jal Jeevan Mission – CWSS to Thevalakkara&Thekkumbhagam – Construction of OHSR at Veterinary hospital Compound in Thekkumbhagampanchayath.
31. KIIFB – Water Supply Scheme & Thrissur Corporation and adjoining 17 panchayaths – Construction of 100 MLD STP.
32. Construction of 12 MLD STP for Zone A1 of Kollam Corporation at Kureepuzha – AMRUT – SAAP 2015-16/2016-17 – Structural drawing for approval.
33. KIIFB – Special Investment Package – WSS to Mattannur and Iritty – Construction of 3 LL GLSR at Manjakunnu and reformation work – Structural design – Layout plan of 3LL GLSR.
34. KIIFB – Treated Drinking Water Project including Kottukal&Athyannoor Panchayath - Construction of 15 MLD WTP at Pongil, 6LL capacity Clear water sump, 10 LL capacity OHSR & 9m dia Intake well cum Pump house at Pirayumoodu.
35. WSS to Seethathode&Nilakkal, Plappally area in PerunaduPanchayath of Pathanamthitta District – NABARD – Construction of Transformer Substation – Structural drawing.
36. Maintenance of RWSS to Velliyamattom and Kudayathoor – Soil Investigation near Kanjar RWPH for weir construction across Kanjar River.
37. Jal Jeevan Mission Augmentation of RWSS to Bharanikkavu – Construction of 9LL OHSR & 1LL Sump at Kunnilmukku or Bharanikkavu and Krishnapurampanchayath. Supplying and laying of distribution lines in Bharanikkavu.
38. KIIFB – Project – Tran – 10-WRD 025 – 06 WSS to Ayyappan covilpanchayath – Design and construction of check dam across Periyar at Thodithady.
39. WSS to KINFRA Industrial Park, Kanjikode Palakkad – Preparation of DER Consultancy charges – Pending realization.
40. Jal Jeevan Mission - CRWSS to Nellanadu, Manickal and Vamanapurampanchayath – Preparation of DER.
41. Jal Jeevan Mission - Phase II ARWSS to Pathanapuram and Piravanthoor in Mancode area – Design of 1.72 LL OHSR at Vazhappara.
42. Design of Check dam at Kanjar near to Malankara Reservoir area in order to maintain the water level for raw water pumping of KWA scheme.
43. Submitting load calculation and designing of bridge in property belonging to Travancore Hotel and resorts owned property.
44. KIIFB – Renovation and Augmentation of 25 MLD WTP at Kallissery –Renovation of 33 MLD at Thiruvalla, Changanassery Municipalities and adjoining two Panchayaths – Construction of 15 LL capacity OH tank at Parayankuzhy – Thiruvandoor.
45. Jal Jeevan Mission – Kannur District – ChirakkalPanchayath. WSS to Kannur and adjoining panchayaths – Phase III – Construction of Service Reservoir in Azhikode, Chirakkal and Valapattanampanchayaths.
46. KIIFB – WSS to Perunad and Athikkayam – Phase II. Supply and erection of Clear Water Pumpsets in various locations and Transformer at WTP Perunad and Construction of transformer building.

## Details of Sewerage Projects and coverage

### 1. 107 MLD Muttathara STP

The details of blocks under Muttathara STP are :

#### **BLOCK A**

Sewerage system was first introduced in this block. The total area of the Block is 13.84 sq.km, and comprises the most important portions of the city such as Kowdiar, Vellayambalam, Thycaud, Thampanoor, Pazhavangady, Chalai, Manacaud, Puthenchanthai, Jagathy and Palayam. This block was commissioned way back in 1945. There are 3 lifting stations under this block at Thaliyal, Mudavanmughal and Arannoor. The main pumping station in this block is at Kuriyathy from where sewage is pumped to the STP at Muttathara.

#### **BLOCK B**

The total area of the Block is 5.51 sq.km. It includes area of the city such as Sreekanteswaram, Pettah – East of Railway line, Rishimangalam, Vanchiyoar, Kaithamukku, Pattom Valley, Nanthancode, and Barton Hill, and the Block 'B' was commissioned in 1965. There is a main pumping station in this block at Pattoor from where sewage is pumped to Muttathara STP.

#### **BLOCK C**

The total area of the Block is 4.12sq.km. and the block was partially commissioned in 1970. It covers the low lying area of the City which include Chackai, Pettah – West of Railway line, Palkulangara, South West corner of Fort area, Puthen Street, Sreevaraham, and Manacaud portion. There is a main Pumping Station at Enchackal from where sewage is pumped to the STP at Muttathara.

#### **BLOCK D**

The area in Block 'D' is divided into two zones namely Zone- I & Zone- II which are located on either side of the National Highway.

Zone-I on East side of NH is further divided into two sub zones viz. (a) Kowdiar and (b) Ambalamukku-Muttada. Main sewers in Zone-I are Kowdiar Main, Ambalamukku Main, Muttada Main and Kesavadasapuram Main.

Zone-II on West side of NH is further subdivided into three zones viz.

(a) Kumarapuram-Kannammoola , (b) Kesavadasapuram-Ulloor and (c) Medical College. This block has four pumping stations. The Medical College lifting station catering to the needs of the Medical College Complex, Plamoodu lifting station and the Murinjapalam lifting station discharges sewage to Kannammoola pump house. The sewage is pumped to the STP Muttathara from the pumphouse at Kannammoola.

Block 'D' was first commissioned in 1990 and further extended in 2004. Works to provide coverage to the unsewered area in Block D is in progress. Land acquisition works are also to be completed.

#### **BLOCK E**

This block covering an area of 13.06 sq.km is divided into 4 sewerage zones as detailed below.

Zone-I:- Areas of Sasthamangalam, Kowdiar, Peroorkada and Mannammoola. This zone was first commissioned in 1994 and further extended in 2004;

Zone-II:- Areas of Maruthankuzhy, Vettamukku, Pangode, Edapazhanji, Chadiyara and part of Poojappura. Commissioning of Zone-II can be done after the land acquisition process is completed;

Zone-III:- This zone consist of Vattiyookavu, PTP Nagar, and Kanjirampara area. Land acquisition process has to be completed for the completion of the sewer pipe line laying works;

Zone-IV:- This consist of Valiyavila area. The work of this zone has not been started. Land acquisition work for the pump house site at Valiyavila is to be completed.

#### **Coverage Details**

Existing Covered area with sewerage facility full or Partial.43wards)/(Blocks A to E)

- Uncovered area- Design of sewerage network available (35 wards) /(Blocks F to R)- Includes ongoing works under JNNURM and AMRUT
- Uncovered area – New designs to be prepared (22 wards)

### **2. Elamkulam 4.5 MLD at Kochi (Activated sludge process)**

In Kochi existing sewerage system covers only 5% of Kochi Corporation. At present the Kochi Corporation is spread over 94.88 km<sup>2</sup> and has been divided in to 74 wards with total population of 602046 as per 2011 census. Considering 80% return, total sewage quantity in the year 2052 is estimated to be 147.80 MLD

The old Sewage Treatment Plant located at Elamkulam of capacity 4.50 MLD is now replaced by a new STP of capacity 5mld. The plant works in activated sludge treatment process. The plant technically commissioned in november 2022. DPR for 1.75 MLD Sewerage network submitted to RKI for AS, for the full utilization of the newly commissioned plant. KMRL also planned to construct a 17.5 MLD STP at Elamkulam KWA site, and KWA planned to construct 15MLD STP at Elamkulam and DER for the same is under preparation.

### **3. 3 MLD STP at Guruvayur (Activated sludge process)**

The Guruvayoor drainage Project is planned to provide an effective drainage system for the full coverage of thickly populated area under Guruvayoor Municipality. The main aim of the scheme is to collect the sewage from houses, flats, hotel etc.and treated in a sewage plant of capacity 3 MLD STP at Chakkumkandam at Guruvayoor. The work had completed and STP is functioning DPR for enhancing the capacity of plant to 5 mld and for laying sewerage network is under preparation and can be submitted before 31.12.22.

## **Sewerage Vertical and its progress**

Environmental protection has been widely accepted as a vital aspect of sustainable development. Proper sewage and septage management is a crucial parameter in achieving this. Though considerable achievement has been marked by the state in the drinking water sector, the development in sewerage sector is lagging much behind. Unplanned urbanization and poor sewage management has resulted in large scale pollution of water resources. This has become a complex challenge to the environment as well as to the public health. Realizing the threat, the Government, in recent years, has made much deliberations and initiatives to address the challenge. Moreover, there are directions from the Honorable National Green Tribunal (NGT) for ensuring the installation of Effluent Treatment Plants (ETPs), Common Effluent Treatment Plants (CETPs), Sewage Treatment Plants (STPs) and other pollution control measures. Hon. NGT has also directed to take necessary action to prevent discharge of pollutants into our rivers (OA No. 673 of 2018). DPR of CETP Edayar submitted to Industries department on 3/9/22.

As per the Kerala Water Supply and Sewerage Act -1986, KWA has the function of rendering services in collection and disposal of waste water. As such, the Authority has prepared district based preliminary engineering reports for the purpose of planning sewerage / septage management systems for the entire state. The project area is broadly categorized into two - areas with higher population density and areas with lower population density. Networked sewerage system with STPs are proposed for the first category where the density is generally more than 1500 per square kilometre. On site sanitation with faecal sludge treatment plants (septage) are proposed for the second category areas. However sludge from non-networked areas which are closer to STPs is also planned to treat in the STP itself. The networked areas are subdivided into zones by considering topographical features such as ridges, rivers etc and manmade features such as main roads and railway lines.

The design horizon year for this project is 30 years with base year as 2023. Considering the presence of water supply schemes under KIIFB and AMRUTH a rate of supply of 100 lpcd is considered for panchayath areas and 150 lpcd for

urban areas. A return ratio of 80% of the water supplied is considered for estimating the sewage generation. Data available with local bodies, census reports, KWA's asset mapping documents and spatial data sites have been used for the preparation of PER. Processing and analysis is mostly done with GIS. The accuracy of the report is limited to these. A total of 534 Sewage Treatment Plants with a total capacity of 2827 mld and 135 septage treatment plants with a total capacity 15000 KLD are proposed to cover the entire state. The proposal also includes 2439 collection wells, sewerage network of around 59800 km, manholes, collection wells etc. Estimated cost is Rs. 80385 crores. Out of this Rs.26048 crores is estimated for urban local bodies. Thiruvananthapuram Corporation area is not included in the above plan as DPR preparation work of Corporation area (under RKI) is in progress. Expected sources of funds are RKI, SBM2 and WB.

Further to this, based on the Guidelines of Swachh Bharath Mission Phase II being launched by Government of India, two ULBs have been selected in each district for implementing sewerage schemes. Administrative sanction received from RKI for conducting topographic survey of

28 ULBs and DPR preparation of four Corporations Kannur, Kozhikkode Kochi and Kollam in addition to Thiruvananthapuram corporation. 5 DPRs submitted to Suchitwa Mission based on the direction of the Chief Secretary in RRC meeting. 5 DPRs of Sewerage system for ULBs submitted in PRICE 1 to Government and RKI for according Administrative Sanction.

#### **Details of PER and DER prepared during 2021-2022**

RegionalOffice, Thiruvananthapuram is given as **Annexure 11.**

Regional Office, Kochi is given as **Annexure 12.**

PPD Regional Office, Trissur is given as **Annexure 13.**

PPD Regional Office, Kozhikkode is given as **Annexure 14.**

## Chapter IX

### COMPUTERISATION AND IT-INITIATIVES

KWA is in fast pace becoming a complete digitally governed Department which provides core consumer services digitally and becoming a complete green and Paperless Organisation. KWA is having an Information Technology Wing at its head office. It aids the organisation to reach its mission "We will transform ourselves to a consumer friendly organisation providing services at the doorstep" The Wing is responsible for all IT/e-Governance activities like Website maintenance, Software Development, Mobile App Development, Maintenance of various Softwares of KWA, Specification finalisation in IT Hardware procurement, Maintenance of IT and network Infrastructure. Integration with other State Government Softwares, The unit is under the control of Chief Engineer HRD & GL and directly reporting to the Secretary.

KWA has already developed many IT projects like Quick Pay, e-Tapp, JJM new water connection web application, Support services for e-Abacus, official web Portal, Intranet network support etc. Also many new applications and integrations are ongoing such as online services related to water connections, BBPS Integration, Network Revamping etc. All these works are meant for realizing the organizational mission and vision of being consumer friendly by incorporating the state of art service in finger tips with quality using cutting edge Technology.

KWA is having an IT team which includes Head office staff, Virtual IT Staff, Contract staff and Interns. Further developments, updates, support maintenance and trainings of the above software/web applications are done by the inhouse Virtual IT team and attached contract staff and the works are directly monitored by the Management team.

During 2021-22 Kerala Water Authority moved fast forward with lot of IT initiatives. 17 IT initiatives have taken up by IT Wing during this period. During 2021-22 Kerala Water Authority moved fast forward with JJM Project. Through JJM Project around 6.1 lakh new connections from rural area are added to e-Abacus software. To achieve this, JJM mobile application is being used by KWA field staffs to provide connections and to do data entry of new connection for billing software (e-Abacus) at connection site itself. Around 6.8 lakh new connections are added to e-Abacus software during this period including JJM connections.

During 2021-22 paperless office software (DDFS) has been rolled out to all offices of Kerala Water Authority. 4119 users are using it in 433 offices of KWA. By implementing this software, use of paper has reduced to a great extent, thus green protocol is being followed also the file movement has become faster across offices. During this period DDFS have been migrated from KWA server to SDC cloud server.

Consumer complaint redressal system – AQUALOOM has been launched for consumers for registering complaints. Complaints registering in AQUALOOM portal is being forwarded to concerned officer to resolve the complaint and the status is being updated back to the complainant. Consumers can know the status of their complaints through this portal and SMS intimation is also being given. By using this system, fast action and solution on complaints are achieved. KWA started SMS Alert Service intimating the bill information from the billing system e-Abacus. KWA is now intimating the bill information via SMS to the registered phone number along with the consumer number. In addition, the receipt information will be sent to the registered phone number of the customer via SMS at the time of payment. KWA launched its revamped Website during 2021-22.

KWA launched Service interruption SMS Module (SIM) which is used for notifying water supply interruptions via SMS to registered phone number of Consumers. Also bill related and payment related information are also being sent via SMS. KWA developed GIS based optimal site selection system to help select the most suitable site for sewerage treatment plants. KWA moved more forward in GIS application by plotting more aspects to GIS map of KWA and which is very helpful in data analysis and decision making.

Contractor License Management system developed by KWA is an online application module to submit applications for contractors registration, upgradation and renewal for all classes of licenses. The dashboard of Contractor License Management System displays the counts of total applications, license issued, applications in process and incomplete applications. Applicant can pay the application fees online. After completion of the payment, the applicant can view the status of the application.

For simplification of water quality testing process, an online application has been developed and hosted. With this app consumers can directly apply for water sample testing, can pay the application fee online, view its progress and download the result.

KWA launched its revamped Website into a new state of art by modifying its look, feel and framework. The revamped website is an initiative to make all information about the Kerala Water Authority transparent and available to the public. It provides a vast database of information on the Authority's service areas, schemes, various divisions, financial status, staff information, and various other aspects. Website is maintained in house by IT Unit. Service dashboard has been provided to view the status of various online services.

Project Alert System of KWA (PASK), a software for monitoring water supply projects of KWA has been modified by providing more dashboards for easy analysis and monitoring of project parameters such as physical and financial progress.

To provide quick payment, Kerala Water Authority has developed an online system for e-payment of water connection bills.

KWA launched Finance and Accounts Management Solution which is a digital banking solution that enables the Water Authority to manage over 650 bank accounts. This will simplify the financial review of the Water Authority and facilitate revenue monitoring by making available the daily water charge collection amount. KWA launched an online application for publishing Authority's Tender Notifications – APT (Automated Platform for Publishing Tender Notifications).

E-TAPP, an online system for apply drinking water connection and sewer connection, is a big step towards change from traditional methods. The advantage of this new system is that the applicant does not have to visit the office at any stage during the process of the application. In the E-TAPP system it is possible to upload necessary documents photographed or scanned. The applications will be forwarded to the concerned section offices for site inspection and feasibility check. Once the feasibility is established, the connection will be processed, the consumer is prompted to make the payment and a licensed plumber assigning happens automatically and thus the new connection is established. Work of integrating services related to water connection and sewerage connection is progressing. Once the work has completed Consumers can apply for other connection related services like meter replacement, category change, disconnection, reconnection, ownership change etc in E-TAPP application itself. Many other IT initiatives like BBPS direct integration with e-Abacus, including SBI payment gateway in quick pay portal etc are developed.

KWA is now intimating the bill information via SMS to the registered phone number along with the consumer number. In addition, the receipt information will be sent to the registered phone number of the customer via SMS at the time of payment.

Kerala Water Authority implemented Jeevan Pramaan software of central government developed by NIC for life certificate validation of pensioners.

KWA is planning for an Enterprise Resource Planning solution. It envisages to bring all existing software to a single platform with an RDBMS system and different modules for performing functionalities of different wings of KWA. It also envisages single sign on facility to all its modules.

### **Consumer Grievance Redressal Mechanism**

In KWA Grievances of consumers are received through phone calls (1916 Toll free), messages in social media whatsapp (Messenger), e-mail and in writing

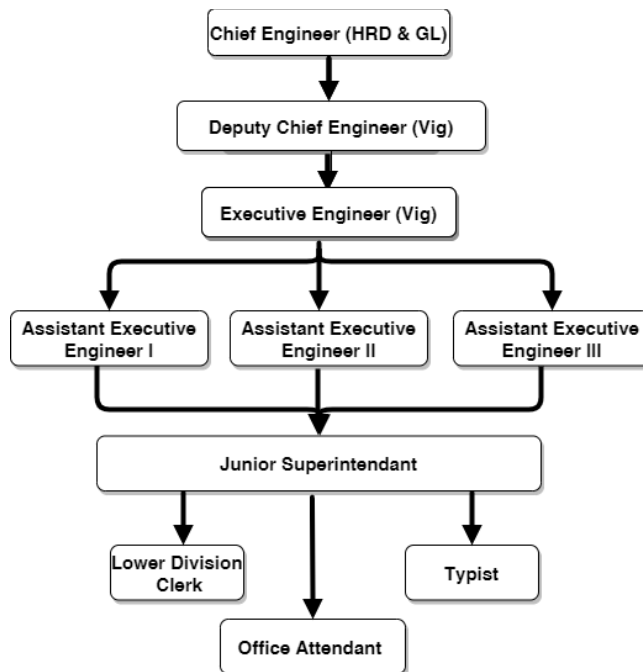
**Complaints through phone calls:** - Complaints received through phone at CCU's 24x7 Centralized Call Centre (toll-free number: 1916) are processed in the "AQUALOOM" software. A docket number will be generated as soon as the complaint details are entered in the software. The complainant and the Concerned AE, Overseers receive the docket number through SMS alerts. All complaints received over the phone in any offices of KWA, are likewise registered in the software and handled in the same way. In the case of revenue collection/billing complaints, the registered complaints are first directed to IT wing staff, who will check the complaints and, if they can be resolved by them, they will be resolved promptly; if not, the complaints will be routed to the appropriate AE for resolution. All other complaints registered in the software are directly routed to the concerned AEs for redressing the same. Once the complaint is resolved, the complainant will receive an SMS message indicating that the issue has been solved.

**Complaints through Social Media:** - Complaints received via KWA's official Whatsapp number (9495998258), Facebook page, and Messenger are also entered into the AQUALOOM software and processed in the same way as above, but in addition the call centre staff also provides interactive responses to queries raised through social media platforms.

**Complaints in Writing:** - Complaints filed in writing directly from customers, received at headoffice, or referred for action from the offices of Hon'ble Ministers are now processed independently through DDFS. The complaints are handled in an offline method, where the report is received through email or physical mail, processed, and either a report is submitted to GoK or a proper response is sent to the person who filed the complaint.

## Chapter X

### VIGILANCE WING



Activities of vigilance wing Vigilance Section, Head office is entrusted with the enquiry in serious nature of cases including technical malpractices, financial misappropriation, Police cases, cases of VACB and other cases referred by the Managing Director. The vigilance Section prepare the enquiry report on each cases and Dy. Chief Engineer, Vigilance submit the same before Vigilance Committee for recommendation on the report. After getting approval of the Managing Director, actions have been taken as per the recommendation of Vigilance Committee.

Details of Vigilance Committee held and disciplinary actions are added as **Annexure 15**.

## Chapter XI

### FINANCIAL PERFORMANCE

Kerala Water Authority is a Service Sector organization and autonomous body of Government of Kerala, entrusted with supply of potable water in Kerala and collection and treatment of sewage. The main source of income of Kerala Water Authority is collection of water charges. From the formation of Kerala Water Authority, it has never earned any surplus Income and is continuously running at deficit. Due to the deficit, Water Authority is unable to pay the power charges, regular payment of operation and maintenance to the contractors, pay revision arrear of employees and commutation to the retired employees, etc.

#### A Brief Description of Funds Section

Funds section consists of Finance Manager & Chief Accounts Officer, Three Accounts Managers, Four Deputy Accounts Managers, an Accounts Officer, One Senior Superintendent and Section Clerks. Funds Section deals with the payments of passed work bills like NABARD, JJM/ARP, State Plan, DRW, FRW, KIIFB, Deposit Works, MLA ADF, O&M Payments and all other Establishment payments.

Kerala Water Authority is undertaking water supply schemes based on the budgetary allocation of Government of Kerala and Government of India. The major heads of Capital Receipts of Kerala water Authority comprise of the following:

**a) Grant in Aid from Government of Kerala under the following heads**

- State plan schemes
- NABARD schemes
- JICA (Now under State)
- NRDWP/JJM (State Share)

**b) Grant in Aid from Government of India (for NRDWP schemes)**

In addition to the above Water Supply Schemes are also undertaken under Deposit Works, KIIFB, AMRUT, etc.

#### Budget estimate, release and expenditure

The statement of budget estimate, release and actual expenditure met by KWA in 2021-22 is given below.

Category	2021-22		
	Budget	Release	Expenditure
STATE PLAN	26400	26003.11	26053.57
NABARD	5180	8342.71	8526.16
JJM/NRDWP	80000	270688.62	201759.65
<b>TOTAL</b>	<b>111580</b>	<b>305034.44</b>	<b>236339.38</b>

#### The financial position of KWA.

The financial position of KWA is outlined in the Balance sheet as at 31st March 2022. From the formation of KWA it has never earned any surplus income and is continuously running at deficit. Due to the deficit, Water Authority is unable to pay power charges, regular payment of operation and maintenance to the contractors, pay revision arrears of employees and commutation to the retired employees etc.

## Essence of Balance Sheet

### Grand in aid

During the financial year the total amount of Grants in Aid received are detailed as follows.

₹ in Crore				
SL. No.	Source	Amount	Plan/non Plan	Expenditure (Including OB)
1	Government of Kerala	1716.9	Plan	1403.03
2	Government of Kerala	321.06	Non Plan	321.06
3	Government of India	1353.4	Plan	957.44

During the financial year 2021-22, GoK released an amount of ₹1716.91 and Crore, Government of India released an amount of Rs 1353.44 Crore to Government of Kerala during the current financial year and the same is released to KWA. During the financial year GoK released an amount of ₹ 321.06 crore as Non-plan Grant for the year. KWA utilized the entire amount of ₹321.06 Crore during the year itself.

### Contribution and Grants Schedule- (A)

This consists of (i) the investment of the Government in the authority by way of transfer of net assets on the date of establishment of authority. (ii) All contributions and Grants(plan) recieved by the Authority from Government of Kerala and Government of India since its formation. (iii) All assets recieved by way of donations valued at fair market value (iv) all other miscellaneous grants & contributions recieved from other sources (Capital) and (V) Insert free fund from GOK being the conversion of GOK loan.

### Reserve & Surplus

The accounts Manual envisages for transfer of deposit money received against water/sewer deposit works to "reserve for deposit works" on effective completion of such works which are not handed over to depositors. Works completed under the deposit recieved up to 31st March 2012 have been transferred to 'Reserve for Deposit Works' as the updation of fixed assets register and analysis of asset related item including deposit works are done up to 31.03.2012.

### Secured Loans

The secured loan include the outstanding amount of the loan from LIC of India availed by KWA.

### Unsecured Loans

Unsecured loans include the loan received for executing the Water Supply Schemes funded by JICA.

### Fixed Assets

The value of fixed assets ₹16353.36 crore represents (i) The value of fixed assets and capital works in progress vested in and transferred to the Authority amounting to ₹421.83 crore and (ii) The additions made by the Authority since its formation, after providing for depreciation there on ₹15931.53 crore. The expenditure incurred towards Water Supply Schemes/ Sewerage Schemes are first booked Capital Work in progress and on successful commissioning of the schemes, the same is transferred to corresponding fixed assets.

₹in crore	
Financial Year	Value of Assets Capitalized
2005-06 to 2012-13	2408.31
2013-14	170.66
2014-15	235.23
2015-16	213.88
2016-17	145.44
2017-18	385.16
2018-19	386.94
2019-20	328.42
2020-21	430.52
2021-22	294.42
<b>Total</b>	<b>4998.98</b>

### **Current Assets**

Current assets include debtors cash,Bank and Treasury balances.

### **Current Liabilities**

Current liabilities include the balance shown under statutory employee's deduction of GPF.

# **KERALA WATER AUTHORITY**

## **BALANCE SHEET AS AT 31<sup>st</sup> MARCH 2022**

	Schedule Reference	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SOURCES OF FUNDS</u></b>			
1 Kerala Water Authority Fund			
a. Contributions & Grants	A	1234431,90,335	937124,49,782
b. Reserves & Surplus	B	35655,04,378	35655,04,378
2 Kerala Water Authority Loan Fund			
a. Secured Loans	C	2732,75,390	7089,44,559
b. Unsecured Loans & Deposits	D	1087912,31,945	961483,13,629
<b>Total</b>		<b>2360732,02,048</b>	<b>1941352,12,348</b>
<b><u>APPLICATION OF FUNDS</u></b>			
1 Fixed Assets	E		
Gross Block		742443,02,394	712445,05,117
Less: Depreciation Reserve		247366,97,694	231484,71,533
Net Block		495076,04,700	480960,33,584
Capital Work in Progress		1140259,61,350	872632,32,567
		1635335,66,050	1353592,66,151
2 Investments	F	3564,20,236	3564,20,236
3 Net Current Assets			
a. Current Assets	G	402062,85,593	303993,91,665
b. Current Liabilities	H	188489,89,574	145462,85,313
		213572,96,019	158531,06,352
4. Loans & Advances	I	17116,65,365	16955,39,930
5 Miscellaneous Expenditure to the extent not Written-off	J	-	-
6 Accumulated Excess of Expenditure over Income	K	491142,54,378	408708,79,679
<b>Total</b>		<b>2360732,02,048</b>	<b>1941352,12,348</b>

Schedules A to K and significant accounting policies and notes on the accounts 2.01 to 2.10 form an integral part of this Balance Sheet

Shijith. V  
Finance Manager & Chief Accounts Officer

(Vacant)  
Accounts Member

Venkatesapathy S. IAS  
Managing Director

Place: Thiruvananthapuram  
Date : 28.11.2022

## KERALA WATER AUTHORITY

### INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2022

	Schedule Reference	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b>INCOME</b>			
1 Operating Income			
a. Consumers	L	75670,54,540	83595,83,042
b. Others	M	1330,15,279	2816,09,395
		77000,69,819	86411,92,437
2 Grants & Subventions - Government of Kerala		32105,60,000	34744,45,700
3 Interest Income	N	3254,20,849	3034,36,987
4 Other Non-Operative Income	O	38135,15,612	13365,65,336
<b>Total Income</b>		<b>150495,66,280</b>	<b>137556,40,460</b>
<b>EXPENDITURE</b>			
1 Operating & Maintenance Expenses		48571,78,557	44076,96,875
2 Payment & Provision to Employees	Q	100601,88,452	92387,70,744
3 Office expenses	R	1684,93,142	1507,30,415
4 Travelling & Conveyance Expenses		628,26,023	508,32,255
5 Administrative Expenses	S	195,40,657	193,70,449
6 Debtors written off	T	-	-
6 Assets and losses written off	U	-	-
7 Provision for Doubtful Debts	V	-	-
8 Interest on			
a. Secured Loans		311,83,938	364,78,501
b. Government of Kerala Loans		26397,08,757	26405,73,750
c. GPF		3119,17,050	2768,08,000
		29828,09,745	29538,60,251
9 Depreciation	E	15882,26,161	15816,87,258
<b>Total Expenditure</b>		<b>197392,62,737</b>	<b>184029,48,247</b>
10 Transferred to Capital Work-In-Progress	W	11877,62,227	3147,88,224
		185515,00,510	180881,60,023
<b>Excess of Expenditure over Income</b>		<b>35019,34,230</b>	<b>43325,19,563</b>
11 Prior Period Adjustments	X	47414,40,469	16085,55,251
<b>Excess of Expenditure over Income after prior period adjustments</b>		<b>82433,74,699</b>	<b>59410,74,814</b>

Shijith. V  
Finance Manager & Chief Accounts Officer  
Place: Thiruvananthapuram  
Date : 28.11.2022

(Vacant)  
Accounts Member

Venkatesapathy S. IAS  
Managing Director

**KERALA WATER AUTHORITY**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH, 2022**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - A</u></b>		
<b>CONTRIBUTIONS &amp; GRANTS</b>		
1 Net value of Assets taken over from erstwhile P.H.E.D	43453,27,735	43453,27,735
2 Contribution & Grants from Government of Kerala	778735,53,164	611882,26,026
3 Interest free fund from GOK	71322,51,632	71322,51,632
Less : Amount released to :		-
a. Urban L.C.S Schemes	365,25,750	365,25,750
b. Rural L.C.S Schemes	394,97,200	394,97,200
c. Kerala Urban Development Project	360,00,000	360,00,000
	70202,28,682	70202,28,682
4 Contribution & Grants from Government of India	361204,07,284	225859,76,284
Less : Amount released to District Collectors and Kerala Rural Water Sanitation Agency	23674,22,461	23074,22,461
	337529,84,823	202785,53,823
5 Donated capital assets	18,14,530	18,14,530
6 Capital contribution from other sources	4492,81,401	8782,98,986
	<b>1234431,90,335</b>	<b>937124,49,782</b>
<b><u>SCHEDULE - B</u></b>		
<b>RESERVES &amp; SURPLUS</b>		
Reserve for deposit works	35655,04,378	35655,04,378
	<b>35655,04,378</b>	<b>35655,04,378</b>
<b><u>SCHEDULE - C</u></b>		
<b>SECURED LOANS</b>		
1 Loan from LIC of India	2732,75,390	3460,15,568
2 Bank Loan	-	3629,28,991
	<b>2732,75,390</b>	<b>7089,44,559</b>
<b><u>SCHEDULE - D</u></b>		
<b>UNSECURED LOANS &amp; DEPOSITS</b>		
1 Loan from Govt of Kerala	232075,83,580	232075,83,580
2 Interest accrued on GOK Loan	299509,73,000	273135,86,000
3 Deposit from local bodies	44686,54,900	45692,61,955
4 Security Deposit	44317,38,046	37941,33,982
5 Earnest Money Deposit	671,08,439	724,45,789
6 Water & Sewerage Connection Deposits	2161,22,951	1933,47,112
7 Deposit work-Water Supply & Sewerage	190476,80,708	176450,93,385
8 Other deposits	274013,70,321	193528,61,826
	<b>1087912,31,945</b>	<b>961483,13,629</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03-2022 ( Contd....)

## KERALA WATER AUTHORITY

SCHEDULE OF FIXED ASSETS AS AT 31<sup>st</sup> MARCH 2022

SCHEDULE - E

DESCRIPTION	GROSS BLOCK			DEPRECIATION BLOCK			NET BLOCK	
	BALANCE AS ON 01/04/2021	ADDITIONS DURING THE YEAR	AS ON 31-03-2022	BALANCE AS ON 01/04/2021	DEPRECIATION	DEPRECIATION UPTO 31-03-2022	CURRENT YEAR	PREVIOUS YEAR
FREE HOLD LAND	18630,50,865	82,88,550	18713,39,415	-	-	-	18713,39,415	18630,50,865
LEASE HOLD LAND	-	-	-	-	-	-	-	-
LAND DEVELOPMENT EXPENDITURE	748,73,240	-	748,73,240	-	-	-	748,73,240	748,73,240
CIVIL WORKS	310843,89,693	22568,48,000	333412,37,693	79685,41,724	8230,82,097	87916,23,821	245496,13,872	231158,47,969
BUILDINGS	23003,89,751	933,70,600	23937,60,351	6964,94,488	421,39,973	7386,34,461	16551,25,890	16038,95,263
PLANT AND MACHINERY	71972,70,986	3984,03,000	75956,73,986	33536,41,489	1775,82,033	35312,23,522	40644,50,464	38436,29,497
MAINS AND NETWORKS	276243,45,642	922,28,000	277165,73,642	105575,44,934	5205,41,515	110780,86,449	166384,87,193	170668,00,708
ROADS BRIDGES AND CULVERTS	5486,52,074	1033,75,380	6520,27,454	2216,37,927	37,72,196	2254,10,123	4266,17,331	3270,14,147
VEHICLES	1456,77,771	-	1456,77,771	1219,18,740	37,65,604	1256,84,344	199,93,427	237,59,031
FURNITURE, FIXTURES & OFFICE EQUIPMENTS	4058,55,095	472,83,747	4531,38,842	2286,92,231	173,42,743	2460,34,974	2071,03,868	1771,62,864
<b>Total</b>	<b>712445,05,117</b>	<b>29997,97,277</b>	<b>742443,02,394</b>	<b>231484,71,533</b>	<b>15882,26,161</b>	<b>247366,97,694</b>	<b>495076,04,700</b>	<b>480960,33,584</b>

	CURRENT YEAR (₹.)	PREVIOUS YEAR (₹.)
GROSS BLOCK OF FIXED ASSETS	742443,02,394	712445,05,117
LESS : ACCUMULATED DEPRECIATION	247366,97,694	231484,71,533
NET VALUE OF FIXED ASSETS	495076,04,700	480960,33,584
ADD : CAPITAL WORK-IN-PROGRESS [ACCOUNT CODE 11]	1140259,61,350	872632,32,567
<b>Total</b>	<b>1635335,66,050</b>	<b>1353592,66,151</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

**KERALA WATER AUTHORITY**

**SCHEDULES FORMING PART OF BALANCE SHEET (Contd....)**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - F</u></b>		
<b><u>INVESTMENTS</u></b>		
Investment for Pension / PF	3564,20,236	3564,20,236
<b><u>SCHEDULE - G</u></b>		
<b><u>CURRENT ASSETS</u></b>		
1 Inventory :		
a. Stores, Tools & Spares	8184,57,656	8158,70,168
b. Consumables	2080,38,467	1755,37,766
	<b>10264,96,123</b>	<b>9914,07,934</b>
2 Sundry Debtors :		
a. Consumers		
i. Local bodies dues - water & maintenance charges	82494,79,691	57115,03,045
ii. Domestic, Non-domestic & Industrial dues	112260,21,686	135932,58,527
b. Others	54,08,904	54,08,904
	<b>194809,10,281</b>	<b>193101,70,476</b>
3 Cash & Bank Balances :		
a. Bank & Treasury balances	211811,65,607	99531,12,509
b. Cash on hand	680,74,043	166,69,196
	<b>212492,39,650</b>	<b>99697,81,705</b>
4 Other Current Assets :		
Inter office & other suspense account balances	(15503,60,461)	1280,31,550
	<b>402062,85,593</b>	<b>303993,91,665</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

**KERALA WATER AUTHORITY**

**SCHEDULES FORMING PART OF BALANCE SHEET (Contd....)**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - H</u></b>		
<b><u>CURRENT LIABILITIES &amp; PROVISIONS</u></b>		
<b>1 <u>Current Liabilities</u></b>		
a. Sundry Creditors :		
i. Payment to employees	25010,30,028	24287,81,200
ii. For expenses	100148,23,765	63914,09,749
iii. For contractors/suppliers	6144,09,106	5899,92,855
b. Statutory employees deductions :	-	-
i. General provident fund	51596,27,562	46192,85,252
ii. NMR PF	560,85,893	560,85,893
iii. Others	(385,61,068)	(214,67,070)
c. GST Collection	409,61,415	462,59,526
d. Tax Deducted at Source	72,43,193	(36,38,896)
e. Other Current liabilities	4318,25,279	4118,48,056
f. Interest Accrued on Loans	926,01,259	925,54,479
	<b>188800,46,432</b>	<b>146111,11,044</b>
<b>2 Control Account Balances</b>	<b>(310,56,858)</b>	<b>(648,25,731)</b>
	<b>188489,89,574</b>	<b>145462,85,313</b>
<b><u>SCHEDULE - I</u></b>		
<b><u>LOANS &amp; ADVANCES</u></b>		
1 Loans & advances to employees	(60,16,592)	(57,72,801)
2 Advances for expenses	369,02,560	338,40,253
3 Advances to suppliers / contractors	10289,65,981	10329,81,778
4 Revolving fund to Local Bodies	19,08,803	19,08,803
5 Advances - Others	23,03,276	19,05,691
6 Claims recoverable	2068,83,956	2077,63,694
7 Contribution Deposit - KSEB	521,15,813	512,17,493
8 Consumer Deposit - KSEB	1938,29,321	1924,36,596
9 Deposit with PWD	761,94,771	606,80,947
10 Deposit with others	1185,77,476	1185,77,476
	<b>17116,65,365</b>	<b>16955,39,930</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

## KERALA WATER AUTHORITY

**SCHEDULES FORMING PART OF BALANCE SHEET (Contd....)**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b>SCHEDULE - J</b>		
<b>MISC EXPENDITURE NOT WRITTEN OFF</b>		
Miscellaneous Expenses to the extent not written off	-	-
<b>SCHEDULE - K</b>		
<b>ACCUMULATED EXCESS OF EXPENDITURE OVER INCOME</b>		
Balance as on the begning of the year	408708,79,679	349298,04,865
Add : Current years excess of expenditure over income	82433,74,699	59410,74,814
Less : Current years excess of Income over Expenditure	-	-
	<b>491142,54,378</b>	<b>408708,79,679</b>

Shijith V  
Finance Manager & Chief Accounts Officer

(Vacant)  
Accounts Member

Venkatesapathy S. IAS  
Managing Director

Place: Thiruvananthapuram  
Date : 28.11.2022

# KERALA WATER AUTHORITY

## SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT AS AT 31st MARCH, 2022

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - L</u></b>		
<b>OPERATING INCOME - CONSUMERS</b>		
1 Operating income - water supply		
a. Domestic Consumers	35705,45,776	33558,46,918
b. Nondomestic Consumers	19576,51,516	33802,71,108
c. Industrial Consumers	1702,33,444	1843,11,436
	<b>56984,30,736</b>	<b>69204,29,462</b>
2 Operating income - Sewerage		
a. Domestic Consumers	18,61,690	12,35,492
b. Nondomestic Consumers	9,88,100	4,03,970
	<b>28,49,790</b>	<b>16,39,462</b>
3 Income from local bodies	18657,74,014	14375,14,118
	<b>75670,54,540</b>	<b>83595,83,042</b>
<b><u>SCHEDULE - M</u></b>		
<b>OPERATING INCOME - OTHERS</b>		
1 Centage charges	1295,52,690	2763,00,496
2 Storage charges	2,34,566	14,18,563
3 Supervision charges	14,45,267	25,66,494
4 Miscellaneous recoveries	17,82,756	13,23,842
	<b>1330,15,279</b>	<b>2816,09,395</b>
<b><u>SCHEDULE - N</u></b>		
<b>INTEREST INCOME</b>		
1 Interest on loans & advances	12,92,878	6,16,455
2 Interest on deposits	3241,27,971	3028,20,532
	<b>3254,20,849</b>	<b>3034,36,987</b>
<b><u>SCHEDULE - O</u></b>		
<b>OTHER NON-OPERATING INCOME</b>		
1 Income as recoveries	35174,50,683	10620,17,943
2 Claims recoverable	2,05,835	32,405
3 Miscellaneous income	2958,59,094	2745,14,988
	<b>38135,15,612</b>	<b>13365,65,336</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

# **KERALA WATER AUTHORITY**

## **SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT (Contd...)**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - P</u></b>		
<b>OPERATING &amp; MAINTENANCE EXPENSES</b>		
1 Consumption of Stores, Tools & Spares	450,93,475	715,07,733
2 Consumables	1398,33,490	874,33,929
3 Power charges	36717,17,115	30183,22,759
4 Insurance	16,44,310	19,44,382
5 Other operating expenses	412,21,793	470,22,853
6 Repairs & Maintenance of water supply	8769,95,775	10344,12,224
7 Repair & Maintenance of sewerage	511,86,501	1217,98,401
8 Vehicle maintenance	294,86,098	252,54,594
	<b>48571,78,557</b>	<b>44076,96,875</b>
<b><u>SCHEDULE - Q</u></b>		
<b>PAYMENT AND PROVISION TO EMPLOYEES</b>		
1 Salaries and Allowances	48602,05,980	41223,38,546
2 Welfare Expenses and other employee benefits	2245,10,074	2597,08,940
3 Casual labour wages and other payments	11494,99,241	10311,47,667
4 Service Pension and Family Pension	33931,95,746	24784,28,602
5 Commuted Value of Pension	2721,01,715	11533,55,748
6 Gratuity of Employees	1606,75,696	1937,91,243
	<b>100601,88,452</b>	<b>92387,70,746</b>
<b><u>SCHEDULE - R</u></b>		
<b>OFFICE EXPENSES</b>		
1 Rent	24,75,160	31,59,552
2 Rates & Taxes	35,12,580	39,91,499
3 Postage, Telegram, Telephone & Telex	221,74,568	241,51,971
4 Printing & Stationery	207,20,902	211,21,142
5 Exhibition & Publicity	309,59,673	265,36,640
6 Training & other expenses	51,82,361	46,85,224
7 Electricity charges	354,01,687	302,64,660
8 Other office expenses	480,66,211	368,19,727
	<b>1684,93,142</b>	<b>1507,30,415</b>
<b><u>SCHEDULE - S</u></b>		
<b>ADMINISTRATIVE EXPENSES</b>		
1 Board meeting expenses	86,516	1,02,833
2 Professional fees	96,74,711	76,52,493
3 Payment to auditors	48,92,673	84,10,838
4 Bank Charges	28,05,069	11,48,526
5 Other administrative expenses	20,81,688	20,55,759
	<b>195,40,657</b>	<b>193,70,449</b>

Finance Manager & Chief Accounts Officer

Accounts Member

Managing Director

**KERALA WATER AUTHORITY**

**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT (Contd...)**

	CURRENT YEAR (Amount in ₹)	PREVIOUS YEAR (Amount in ₹)
<b><u>SCHEDULE - T</u></b>		
<b>WRITE OFFs</b>		
Local Bodies dues written off	-	-
Consumers Written Off - OTS	-	-
	-	-
<b><u>SCHEDULE - U</u></b>		
<b>ASSETS WRITTEN OFF</b>	-	-
	-	-
<b><u>SCHEDULE - V</u></b>		
<b>PROVISION FOR BAD &amp; DOUBTFUL DEBTS</b>	-	-
<b><u>SCHEDULE - W</u></b>		
<b>TRANSFER OF REVENUE EXPENSES TO CWIP</b>		
Establishment Charges (Share Debit)	11877,62,227	3147,88,224
	<b>11877,62,227</b>	<b>3147,88,224</b>
<b><u>SCHEDULE - X</u></b>		
<b>PRIOR PERIOD ADJUSTMENTS</b>		
PPA of Recoveries	(2,26,916)	(72,221)
PPA of Other Office expenses	30	7,952
PPA of Operating expenses	(860,65,631)	368,64,960
PPA Stores consumed	62,29,185	
PPA on Investment	-	(44,63,253)
PPA of Other Income Misc	833	(27,740)
PPA LSGDs written off	196,14,820	-
PPA Employees benefit	12,01,160	-
PPI OI from D Consumers	3758,71,803	3370,83,765.00
PPI OI from ND Consumers	44227,19,372	12039,50,586.00
PPI OI from IND Consumers	20,95,813	352,11,202
	<b>47414,40,469</b>	<b>16085,55,251</b>

Shijith V  
Finance Manager & Chief Accounts Officer

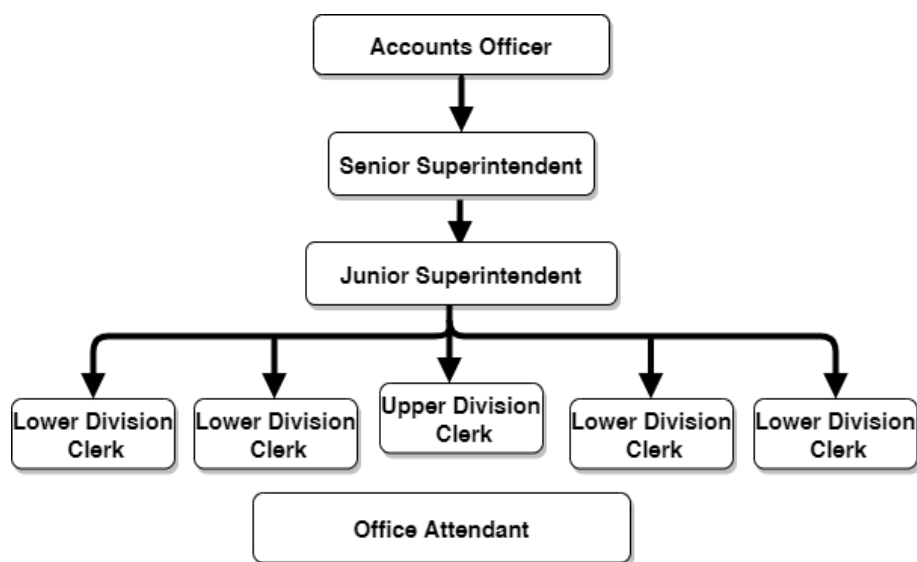
(Vacant)  
Accounts Member

Venkatesapathy S. IAS  
Managing Director

Place: Thiruvananthapuram  
Date : 28.11.2022

## Chapter XII

### REVENUE MONITORING CELL



Revenue Monitoring Cell is constituted to monitor all the revenue related activities in KWA. The main objectives are:

- Accessing the quantum of water consumed, billed and the revenue generated there upon.
- Fixing revenue target and new connection target of all Revenue Divisions and monitoring its regular progress.
- Monitoring of all complaints and petitions related to revenue and settlement of the same.
- Monitoring street taps of local bodies and collection of revenue.
- Liaison with all the Revenue Divisions and issuing guidelines.
- Preparing monthly consolidated collection statement, connection statement and demand collection balance statement.

#### Summary of its activities during the year 2021-22

- In order to increase the revenue collection and for clearing the arrears, steps have been taken to disconnect the water connection of all major defaulters and initiated revenue recovery proceedings through Revenue Department.
- All sub divisions of Kerala Water Authority are registered under new Revenue Recovery Portal of Government of Kerala and have initiated Revenue Recovery proceedings. Revenue adalaths were conducted for solving long pending complaints and grievances of the consumers. Besides an internal adalath was also conducted for unidentified connections and have made significant progress in the issue of unidentified consumers. Also fine is converted from 2% compound interest to simple interest to reduce the huge pending arrears.
- Total target for the year was 2,132.13 crore of which KWA has collected Rs. 1,004.98 crore (including internaladalat write offs, One Time Settlements, 2% simple interest conversions, Revenue Adalats and Consumer Redressal based waive offs) thus achieving 47.13% of the target.

A consolidated statement showing the Demand, Collection, Balance of Water Charges from Domestic, Non-Domestic, Industrial consumers etc for the year 2021-22 is given below.

Amount in Crore			
Category	Demand including Fine	Collection	Balance
Domestic	355.2	257.28	97.92
Non Domestic / Special	376.03	188.13	187.9
Industrial	16.96	15.17	1.79
Bulk Supply	34.92	26.21	8.71
<b>Total</b>	<b>783.11</b>	<b>486.79</b>	<b>296.32</b>

**Water Charge collected during the years 2021-22.**

Water Charge collected during 2021-22 is Rs.486.79 Crore.

Arrears of water charges as on 31-03-2022 (category wise).

Category	Arrears Rs.in Crore
Domestic	355.68
Non Domestic/Special	677.07
Industrial	7.53
Bulk Supply	60.81
<b>TOTAL</b>	<b>1,101.09</b>

Arrears of Revenue at the beginning of the year 2021-22.Rs.1316.07 Crore

Arrears of Revenue at the end of the year 2021-22. Rs.1101.09 Crore

Total revenue collected from Local Bodies with split up details of revenue collected from Panchayath, Municipality, Corporation, etc during the years as on 31-03-2022.

Amount in Crore	
Local Bodies	Local Bodies Collection
Panchayath	73.13
Municipality	16.54
Corporation	6.78
<b>TOTAL</b>	<b>96.45</b>

Total number of street taps with split up details of street taps under Panchayath, Municipality and Corporation area as on 31/03/2022.

Local Bodies	Total No. of Street Taps
Panchayath	1,42,578
Municipality	28,838
Corporation	18,542
<b>TOTAL</b>	<b>1,89,958</b>

Number of street taps added during the year 2021-22 specifying Panchayat, Municipality and Corporation wise details.

Local Bodies	No. of Street Taps added
Panchayath	-5935
Municipality	-644
Corporation	-412
<b>TOTAL</b>	<b>-6,991</b>

Note: Every year LSGD's are disconnecting their public taps and encouraging the household connections under different schemes like Jal Jeevan Mission to provide water connection to all houses in Kerala. LSGDs and KWA are also keen in disconnecting defunct public taps.

Details of revenue written off and waived off during the years 2021-22. - Rs. 518.19 Crore.

Details of Subsidy allowed during the years 2021-22. - Rs.15.14 Crore

Total number of water connections provided during the years 2021-22 showing split up details of Domestic, Non Domestic, Industrial etc are furnished below.

Category	Connection provided 2021-22
Domestic	6,75,559
Non Domestic	10,012
Special	3,818
Industrial	144
<b>Total</b>	<b>6,89,533</b>

Total number of water connections classified as Domestic, Non Domestic, Industrial etc as on 31.03.2022.

Category	Total No. Of Water Connections
Domestic	35,95,706
Non Domestic	2,21,625
Special	33,195
Industrial	2,732
<b>Total</b>	<b>38,53,258</b>

Total number of sewerage connections as on 31/03/2022. - 54,853.

Sewerage connections added during 2021-22. - 149

#### **Details of Adalaths conducted during the years 2021-22.**

Internal Adalaths were conducted in all Districts for rectification of unidentified connections and Revenue Adalaths were also conducted during the financial year 2021-22. From internal adalath an amount of Rs. 231.73 crore, from Revenue Adalath an amount of Rs. 41.02 crore were collected and from One Time Settlements of Non Domestic consumers an amount of Rs.17.25 core was collected.

Consumers with long pending / huge arrears were allowed installments. These function were noted with the active participation of consumers and responses from these consumers were overwhelming. The fine was recalculated in 2% simple interest rate as against the compound interest thus reducing the interest burden by an amount of Rs. 162.43 crore from the arrears. An amount of Rs.65.75 crore was collected from the consumer redressal.

#### **Important campaigns conducted for Revenue collection during the years 2021-22**

In order to increase the revenue collection and for clearing the arrears, steps are taken to disconnect the water connection of all major defaulters and revenue recovery proceedings initiated through Revenue Department. All sub divisions of Kerala Water Authority are registered under new Revenue Recovery Portal of Government of Kerala and have initiated Revenue Recovery proceedings.

#### **Seminars, conferences, workshops etc conducted related to revenue collection during the years 2021-22.**

An one day workshop was conducted on 25/11/2021, all revenue officers of 29 Revenue Divisions Accounts Officers of all 11 circle offices, Deputy Account Managers of all three regions and officials of Head Office participated in the said meeting. Various trainings were imparted on Revenue collection by Accounts Officer, Revenue Monitoring Cell conducted via training center. Two regional revenue meetings were conducted at Kozhikode and Kochi which were chaired by Chief Engineers in which all staffs connected with revenue collection from Meter readers to Accounts Officers have attended. Regular revenue review meetings are conducted which are chaired by Managing Director to monitor and discuss the progress of revenue collection and for the preparation of an action plan for improving the same. The deliberations of the meeting are published in KWA website. 100% billing and 100% collection is the motto by which these meetings are arranged.. Revenue Task Force meeting conducted in Circle and Division level in every months and necessary directions and guide lines given to Sub Division/Section level officers.

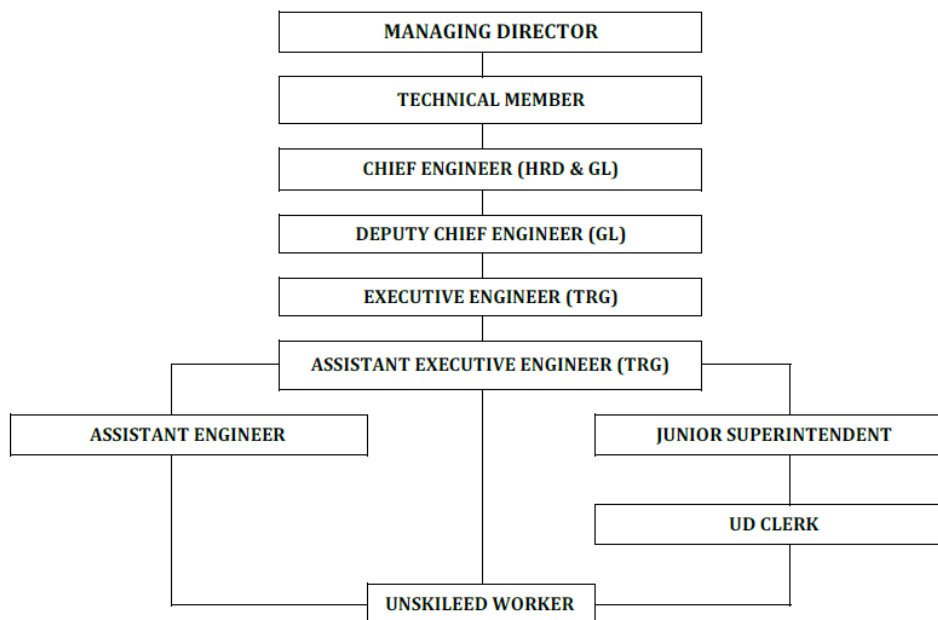
#### **The opening balance in the new DCB during the year 2021-22.**

Amount in Crore	
<b>Category</b>	<b>Opening Balance as on 01.04.2021</b>
Domestic	313.42
Non Domestic.Special	947.58
Industrial	8.32
Bulk Supply	46.75
<b>TOTAL</b>	<b>1,316.07</b>

Details of pending arrear collected during the year 2021-22 - Rs.486.79 Crore.

## Chapter XIII

### TRAINING ACTIVITIES



#### Report of activities conducted in Training Centre during FY 2021-22.

Due to COVID 19 pandemic, Omicron variant and related Government Orders, there were restrictions in classroom/residential trainings, workshops, seminars and related activities. Training Hostel was retained by Revenue Authorities for activities related to control of COVID19. Hence, Online Trainings were widely conducted. However, during the period of relaxation in restrictions, Classroom Trainings and Workshops were held.

4841 KWA personals were trained in the 18 In-House Training programmes during 2021-2022. 292 KWA Officials were nominated for attending the 27 Trainings conducted by Other Institutions. Total number of KWA Officials trained- including both In-House Training and Other Institutions in 45 programmes is 5153

Attachment Programme (Exposure Visit, followed by Interaction with MD) to 9 IAS Officers of Kerala Cadre-2020 was conducted, as per directions received from Director, IMG. Online Training on IMIS was given, under JJM, to 15 Staff of KRWSA. Online Awareness Programme on JJM Project was given to a total of 139 Panchayat Members and Officials

2 Workshops were held as In House Programmes, in which 156 Officers participated; and 137 Officers were nominated for 6 Programmes as Workshops/Seminars/Webinar/Exposure Visit—held by Other Institutions.

CPHEEO sponsored refresher courses were not yet restarted during the year 2021-22 also. No officers could be deputed for doing M. Tech programme, as the nomination from KWA was rejected by DTE and the decision of DTE was upheld by Hon'ble High Court. Government have been addressed for issuing fresh GO in this regard, for availing the opportunity in coming years.

## Financial Details

The plan fund available for Training, Quality Control, Research and Development was Rs100 lakhs as per budget provision 2021-2022. The total expenditure incurred during 2021-22 for the activities of Training Centre is Rs53,60,983/- This is excluding the TA and DA paid for Officers, which are to be disbursed from the respective Offices to which the participants belong. Reason for the reduction in expenditure is due to COVID 19 pandemic and related Government Orders-as a result of which, there were severe restrictions in classroom/residential trainings, workshops, seminars and related activities.

The amount Rs 72,100/- which was pending as arrears during 2020-21 from Directorate of State Lotteries Department, Thiruvananthapuram - on account of rent for training halls and hostel rooms- was remitted during 2021-22. During 2021-22, the Training Halls and Hostel Rooms could not be lend; as Training Hostel was retained by Revenue Authorities for activities related to control of COVID 19.

### Expenses incurred under various Heads of Account.

Sl No.	Head of Account	Particulars	Amount
1	2819	Sundry creditors (JJM)	14,40,360/-
2	3461	Training expenses	39,20,223/-
3	3699	Other administrative expenses(PL-Examination)	400/-
	<b>Total</b>		<b>53,60,983/-</b>

### Training activities conducted during the FY 2021-22 (Abstract of total activities)

Sl. No.	Type of Programme	Number of Programmes	Participants	Hours
1	In House Training Programmes-KWA Officers	18	4841	1122.5
2	In House Workshops- KWA Officers	2	159	24.0
3	In House Programme- Training in IMIS to KRWSA Staff	1	15	4.0
4	In House Programme- Attachment Programme of IAS Officers 2020 Batch with KWA	1	9	10.0
5	In House Programme- Awareness to Panchayat Members and Authorities	2	139	2.0
6	Outside Training Programmes-KWA Officers	27	292	453.5
7	Outside Programmes-Seminars, Webinars, Conferences and Exposure visits- KWA Officers	6	137	59.5
	<b>TOTAL</b>	<b>57</b>	<b>5592</b>	<b>1675.5</b>

## Training activities conducted during the FY 2021-22.

### 1. Inhouseprogrammes(trainingstoKWAofficialsandotherhrdactivitiesconductedbyKWA)

#### A.Training programmes to KWA officials

Sl.No	Date	Programme	Total Duration (Hrs)	No of Participants Attended	Remarks
1	17-4-2021, 21-10-2021, 19-11-2021, 24-11-2021, 17-12-2021, 29-12-2021, 28-1-2022, 29-1-2022, 15-2-2022, 16-2-2022, 23-3-2022, 24-3-2022	Kerala Service Rules- Recurring Programme	12	20	Online
2	29-4-2021, 28-12-2021, 13-1-2022, 10-2-2022, 8-3-2022	Helpdesk Manager	15	215	Online
3	2-5-2021 to 24-9-2021	DDFS- Rollout	927	2316	Online
4	14-09-2021	GIS- Geo water net	6	12	Classroom
5	20-9-2021, 25-9-2021, 1-10-2021	PASK-Additional 3 modules	6	371	Online
6	18-09-2021	GeM	2	58	Online
7	7-10-2021 & 8-10-2021	e Tender cum Auction	6	86	Online
8	18-10-2021 & 20-10-2021; 23-11-2021 & 24-11-2021	GIS-Working with Special Data	6	155	Online
9	17-1-2022 to 25-1-2022	Induction Level Training to LDC(DDFS & e ABACUS)	48	88	Online
10	2-12-2021, 4-12-2021 & 7-12-2021, 8-12-2021, 9-12-2021 & 14-12-2021; 15-12-2021, 16-12-2021 & 18-12-2021	Laying and jointing of PE pipes for potable Water Supplies	18	186	Online
11	06-12-2021	Registration process in GeM Portal	2.5	40	Online
12	21-12-2021 & 22-12-2021	Regional Training on "Improving Revenue"-Central Region	14	115	Class Room- Central Region , Kochi
13	21-12-2021; 21-12-2021; 4-01-2022; 5-01-2022; 6-01-2022; 11-01-2022	GIS Working in Spatial Data	9	223	Online
14	09-02-2022	GeM-Registration process	2.5	46	Online
15	14-02-22 to 16-02-2022 & 19-02-2022	eTAPP-Usage of application	22.5	877	Online
16	28-02-2022 to 5-3-2022; 7-03-22 to 10-03-2022; 15-03-2022 to 19-03-2022; 22-03-2022 to 26-03-2022	Pre Delivery Inspection & Witnessing Third Party Inspection	12	119	Online
17	23-02-2022, 24-02-2022	Training for Nodal Officers of Energy Audit	6	15	Class room

18	17-3-2022 & 18-03-2022	Regional Training on "Improving Revenue"-Northern Region	14	99	Class Room-Hotel New Nalanda, Kozhikkode
Total			1128.5	5,041	

#### B. Other programmes

Sl.No	Date	Programme	Total Duration (Hrs)	No of Participants Attended	Remarks
1	13-04-2021	JJM-IMIS	4	15	Online Trg to Staff of KRWSA
2	16-04-2021	JJM-Awareness to Panchayath	1	77	Online Awareness Programme to Panchayath Members and Officials
3	20-04-2021	JJM-Awareness to Panchayath	1	62	Online Awareness Programme to Panchayath Members and Officials
4	08-11-2021	Attachment Programme - IAS Officers 2020 Batch Assistant Collectors-with Kerala Water Authority	10	9	Field Exposure to Peppara Dam and Aruvikkara WTP; followed by Interaction with MD
5	10-11-2021 & 12-11-2021	Workshop -JJM Projects	16	95	Residential-CCU Building-Head Office
6	25-11-2021	Workshop -Revenue Improvement	8	61	Residential-CCU Building-Head Office
Total			40	319	

#### 2. Outside programmes (Trainings to KWA officials and other HRD activities conducted by other institutions )

##### A. training programmes to KWA officials

SL No	Date	Name of programme	Time (Hrs)	No.of participants attended	Remarks
1	26-7-2021 to 30-7-2021	Digital Surface Modelling using GIS	15	3	Online-ASCI (Associated Staff College of India)
2	2-8-2021 to 4-8-2021	Excellence in Virtual Human Communication	18	3	Online-NITIE (National Institute of Industrial Engineering)
3	25-8-2021 to 27-8-2021	QA of tap water supply for Chemists/Lab in Charge; at Kolkatta	18	1	Residential-NCDWSQ (National Center for Drinking Water and Sanitation and Quality)

4	30-09-2021	e-PMG portal	2	84	Online – PIE&M Dept, GoK, (Programme Implementation Evaluation and Monitoring)
5	18-10-2021 to 22-10-2021	Arc GIS	37.5	8	Online -- M/S.Intek Micro Systems- as a part of purchase condition
6	20-10-2021 to 23-10-2021	Participatory planning, Implementation and O & M of HarGhar Jal	12	38	Online- JJM KRC-RCSS (Rajagiri College of Social Sciences)
7	27-10-2021 to 30-10-2021	Participatory planning, Implementation and O & M of HarGhar Jal	12	9	Online- JJM KRC-RCSS (Rajagiri College of Social Sciences)
8	29-10-2021& 30-10-2021	Water Audit - the need of the hour	4	3	Online - Society of Energy Engineers and Managers
9	12-11-2021 to 18-11-2021	Project Management	30	19	Online - IIM, Kozhikode
10	13-12-2021 and 14-12-2021	Transforming GP/VWSC for functioning as utility planning and strategy for improved service delivery	6	4	Online- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
11	20-12-2021 and 21-12-2021	Strategic Planning to Bulk Water Transfer for RWS	6	3	Online- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
12	7-1-2022 and 8-1-2022	Smart Water Management, including Water Audit	6	2	Online- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
13	18-1-2022 to 20-1-2022	Water Audit and Software-Urban Water Management	18	2	Online-ESCI (Engineering Staff College of India)
14	27-1-2022 and 28-1-2022	Water Quality Monitoring and Surveillance	6	2	Online- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
15	27-1-2022 and 28-1-2022	Grey Water Treatment	6	2	Online- JJM KRC-HIHT (Himalaya Institute Hospital Trust)
16	1-2-2022 and 2-2-2022	Use of Remote Sensing and GIS for WSS, incl. Hydro-Geomorphological Mapping	6	11	Online- JJM KRC-SPU (SavitribaiPhule University)
17	8-2-2012 to 12-2-2012	Investigation ,Planning, Design and construction of multi village WSS including O & M of WTP	40	3	Residential- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
18	14-2-2022 to 18-2-2022	Investigation ,Planning, Design and construction of multi village WSS including O & M of WTP	40	6	Residential- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
19	19-2-2022 and 20-2-2022	Energy Audit	6	3	Online- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)
20	21-02-2022, 22-02-2022	Selection, Design , Construction, Operation & Mace. of WTPs	6	3	Online-JJM KRC- IIT Bombay
21	21-2-2022 to 25-2-2022	Investigation ,Planning, Design and construction of multi village WSS including O & M of WTP	40	4	Residential- JJM KRC-IIHS (Indian Institute of Habitation and Settlement)

22	23-2-2022 and 24-2-2022	Climate Change Risk Assessment and Water Security Challenges	12	7	Online-JJM KRC- IIT Bombay
23	24-2-2022 and 25-2-2022	Use of Remote Sensing and GIS for WSS	6	4	Online-JJM KRC- SPU (SavitribaiPhule University)
24	2-3-2022 to 5-3-2022	JJM- Community Level Training for 2021-22, Kottayam	32	2	Residential- JJM KRC- The Andhyodaya
25	2-3-2022 to 7-3-2022	Management of Domestic Wastewater- Conveyance, Treatment and Reuse	15	35	Online-IIT, Gandhinagar
26	16-3-2022 to 19-3-2022	JJM- Community Level Training for 2021-22, Thrissur	32	2	Residential- JJM KRC- The Andhyodaya
27	22-3-2022 to 25-3-2022	JJM- Community Level Training for 2021-22, Wayanad	32	2	Residential- JJM KRC- CED (Centre for Environment and Development)
TOTAL			463.5	173	

#### B. Other programmes

Sl.No	Date	Programme	Total Duration (Hrs)	No of Participants Attended	Remarks
1	24-09-21	National Workshop at Delhi - Implementation of JJM	6	2	Residential-NCDWSQ (National Center for Drinking Water and Sanitation and Quality)
2	24-09-21	Webinar -Challenges in the implementation of JJM	4	120	Online – JJM KRC- RCSS (Rajagiri College of Social Sciences)
3	17/12/2021 and 18/12/2021	Workshop- Strategies for Wastewater Management and Sanitation-Thrissur	14	2	Classroom- KILA
4	21-12-21	Technical Conference, cum Exhibition- 24x 7 WSS; at New Delhi	7.5	8	Residential- MoHUA, GoI
5	21/12/2021 and 22-12-2021	Cross Learning and Exposure Visit- Decentralised STP- Telengana	12	2	Residential-AMRUT, SMMU, Kerala
6	11/1/2022 & 12/1/2022	Workshop-Advances, Trends and Innovations in Modern Building Construction- Thiruvananthapuram	16	3	Residential-CETAA (College of Engg. Tvm, AluminiAsscn.)
	TOTAL		59.5	137	

**Staff Details as on 31.03.2021**

Sl. No.	Designation	Name of Staff
1	Assistant Executive Engineer	Ganesh.R
2	Assistant Engineer	Jayanthi Krishnan
3	Junior Superintendent	Sri.Anil Kumar G.
4	UD Clerk (H/G)	Vacant
5	Office Attendant	(Vacant)
6	U/S Worker (On working arrangement)	Sreeraj N.

**Licenses/Connections issued during 2021-22****(A) Plumbing Licenses.**

Plumbing Licenses are issued by Executive Engineers from Division Offices, based on publication of result of Plumbing License Examination by Training Centre.

Plumbing License Examination was not held in 2021-22, as software for Online Application is being developed for Inviting and Processing Application.

However, Executive Engineer may grant plumbing license to an applicant without asking him to sit for the examination, subjected to conditions as per Clause 2.(c) of Appendix A in KWA (Water Supply) Regulations, 1991.

Licenses issued, if any as per this condition, may please be collected from Executive Engineers

**(B) Connections**

Water Supply/ Sewer connections are issued by AE/AEE from Section/Subdivision Offices. Details may please be collected from Field Offices or eABACUS

**(C) Other Achievements to be mentioned by Training Centre during 2021-22**

1. Online Training conducted successfully for Rollout of DDFS in KWA.
2. Online Training conducted successfully for Rollout of e tapp in KWA.

## Chapter XIV

### NATIONAL PENSION SYSTEM CELL

National Pension System (NPS) is a voluntary, defined contribution retirement savings scheme designed to enable the subscribers to make optimum decisions regarding their future through systematic savings during their working life. NPS seeks to inculcate the habit of saving for retirement amongst the citizens. It is an attempt towards finding a sustainable solution to the problem of providing adequate retirement income to every citizen of India.

Under NPS, individual savings are pooled in to a pension fund which are invested by PFRDA regulated professional fund managers as per the approved investment guidelines in to the diversified portfolios comprising of Government Bonds, Bills, Corporate Debentures and Shares. These contributions would grow and accumulate over the years, depending on the returns earned on the investment made. At the time of normal exit from NPS, the subscribers may use the accumulated pension wealth under the scheme to purchase a life annuity from a PFRDA empaneled Life Insurance Company apart from withdrawing a part of the accumulated pension wealth as lump-sum, if they choose so.

Main objectives of NPS are:

- To provide old age income
- Reasonable market based returns over long run
- Extending old age security coverage to all citizens
- It is based on a unique Permanent Retirement Account Number (PRAN) which is allotted to each Subscriber upon joining NPS.

The Government of India in exercise of their executive powers adopted 'National Pension System' (NPS) based on defined contributions in respect of all new entrants to Central Government services, excepting the Armed Forces, with effect from 1st January 2004. Most of the State Governments have since notified a similar pension system for their new entrants. NPS accumulates savings into subscribers PRA while he is working and uses the accumulations at retirement to procure a pension for the rest of his life.

The Pension Fund Regulatory & Development Authority Act was passed on 19th September, 2013 and the same was notified on 1st February, 2014. PFRDA is regulating NPS, subscribed by employees of Govt. of India, State Governments and by employees of private institutions/organizations & unorganized sectors.

Government of Kerala vide G.O.(P) 20/ 2013/Fin dated 07-01-2013 decided in principle that National Pension system shall be introduced with effect from 01.04.2013 which shall be applicable to all appointments made thereafter.

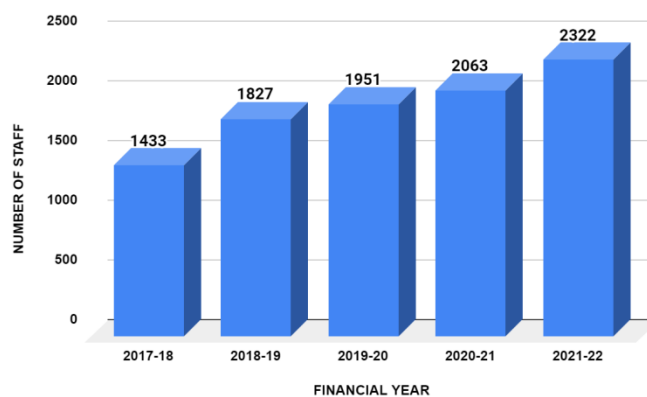
Vide Office Order No. KWA/JB/E20/O&M/7307/2006 dated 18/04/2015 NPS Cell was constituted in Head office of KWA for the implementation of NPS. In response to the application submitted to the Finance Wing, Government of Kerala for operationalization of NPS in KWA, the NSDL e-Governance Infrastructure Ltd vide Letter No: CT/SS/VH/MT/201531655 dated 7-5-2015 informed that the registration of KWA in the CRA system of NPS is completed. The deduction of NPS subscriptions was effected from the salary of June 2015 and the recovery of subscription for the backlog period were started from salary of August 2015 onwards. The centralised mode of payment is executed in KWA for NPS. All account rendering units of KWA forward the details of deduction of NPS subscriptions done in their offices through the NPS Recovery Schedule (PA 30) to NPS Cell of Head Office for payment. Based on this, KWA contribute matching share of subscription. For the Financial year 2021-22, KWA remitted Rs. 19,58,12,846/- for NPS purpose which includes Rs. 16,75,96,158 /- as regular subscription and Rs. 2,82,16,688/- as arrears including Deferred Salary arrears for the year 2021-22, 193 numbers of new subscribers were registered for NPS from Kerala Water Authority. Total 2322 employees come under NPS scheme in Kerala Water Authority.

Financial Year	2017-18	2018-19	2019-20	2020-21	2021-2022
Total Staff Subscribed	1433	1827	1951	2063	2322
New Staff Added	281	417	168	208	193
Subscription	70708704	99816432	122420752	126319052	167596158
Arrears	1281662	6672384*	6382774	6208846	28216688#
Total Paid	71990366	106488816	128803526	132527898	195812846

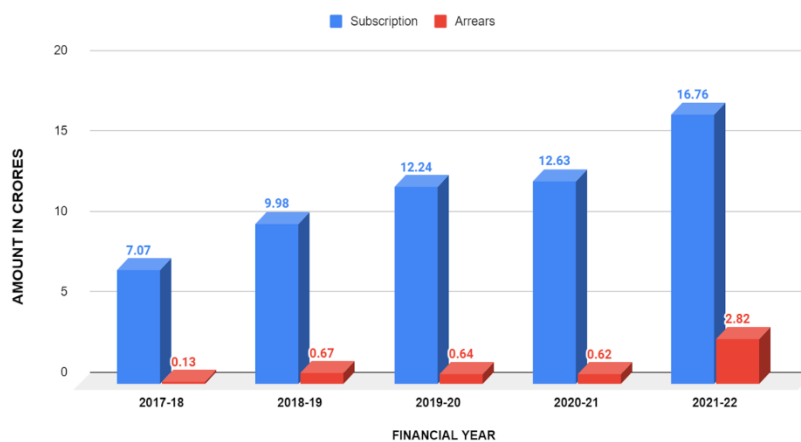
\*This includes Pay Revision Arrears and DA arrears

#This includes Deferred salary arrears

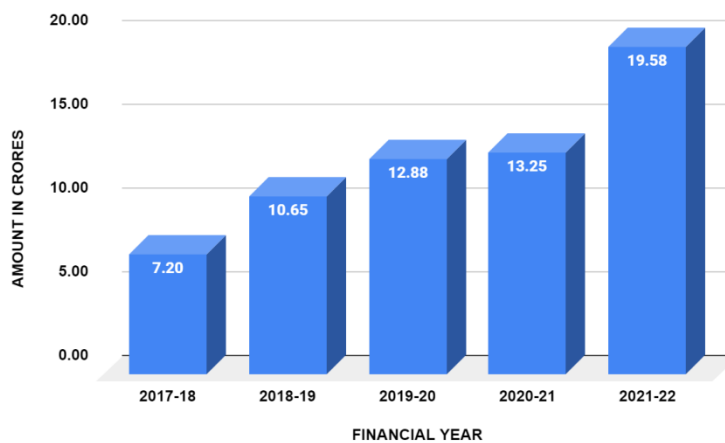
### NPS subscription



### Amount Paid – Regular and Arrears

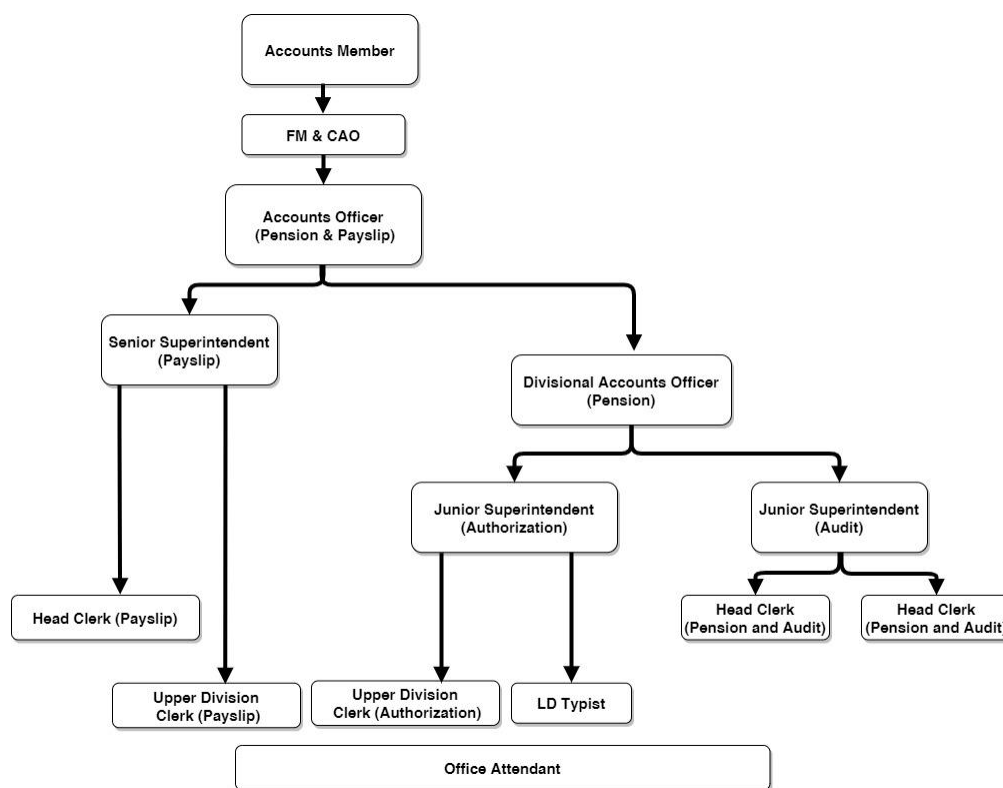


### Total Paid



## Chapter XV

### PENSION AND PAYSリップ



#### Introduction

Before 01.04.1984, in the erstwhile Public Health Engineering Department, the pension and pay slip matters were dealt by the Accountant General of Kerala. After the constitution of Kerala Water Authority, that duties and responsibilities handed over to KWA after forming a separate wing under the direct administration of Accounts Member and Finance Manager and Chief Accounts Officer. This wing deals with the tasks related to service matters of the Gazetted Officers of KWA and performing final audit and authorization of the pensionary claims of the employees who retire from KWA.

#### Payslip Section

The Payslip section operates by verifying the service book of all the Gazetted Officers with connected documents such as RTCs with respect to Relieving Orders/Transfer Orders/Promotion orders, etc. for issuing payslip of such events periodically. Issuing of payslip includes in connection with Increments, Promotion, Transfer, Leave, Ratio Higher Grade, Non-Cadre Promotions, Deputations, Surrender of Earned Leaves, Terminal Earned Leave Surrender and Pay Revision Fixations. Also preparation of pension proposals for the retiring/retired Gazetted Officers.

**Total Number of Pay slips issued during the year 2021-22 : 885Nos**

#### Pension Section

The Pension sections operates for conducting the Final Audit of the Service Books with the Pension Proposals submitted by the Pension Sanctioning Authority in accordance with the relevant rules and prepare the Audit report and forwarded to Pension Sanctioning Authority with directions / advices to proceed further. After rectifying the queries if any, Pension, DCRG and Commuted Value of Pension authorized for effecting the payments. Advices PSA on policy decisions related to pension and service matters in consultation with Administrative Wing/Internal Audit Wing. The procedure for implementing e-Pension software in Kerala Water Authority is nearing completion.

**Total No of pension proposals received during the year 2021-22: 403 Nos**

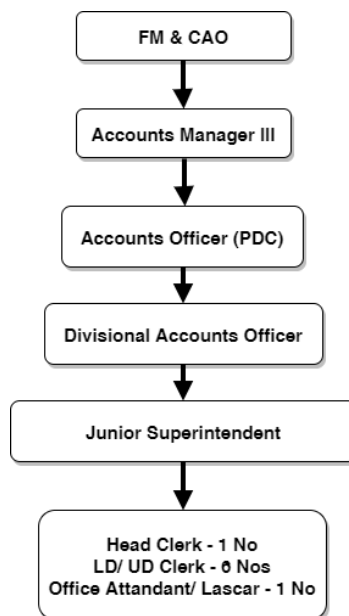
Total No of Pension Reports issued	-	398
Total number of proposals Audited and returned to PSA for rectifying the defects	-	5

**Pension Authorization**

Total No of Pension Authorization Reports issued	-	360
Total No of DCRG Authorization Reports issued	-	451
Total No of CVP Authorization Reports issued	-	373
Total No of Pension Payment Orders issued	-	319

## Chapter XVI

### PENSION DISBURSEMENT CELL



Kerala Water Authority started pension payment through Bank in December 1992 with the objective of providing retirement benefits to all the pensioners without approaching the Accounts Rendering Units and to inculcate the habit of saving.

Initially, the system of pension being made through the bank was under the control of FM&CAO started with 5 pensioners, who opted for pension through Bank. Pre-printed cheques of Syndicate Bank were used then for disbursement of pension. The cheques for pension with 1st date of coming month were prepared and sent to the concerned pensioner by certificate of posting.

The operational procedure of pension disbursal through Bank was populated as a booklet and was sent to all Divisions inviting options from the pensioners who wish to receive pension by way of Bank disbursement. The number of pensioners who opted for pension through Bank increased gradually. From 2002 April 1st M/s. SBI, the then SBT was also included in the bank's and a new system was introduced i.e., transfer of funds was made directly from the bank to the pensioners account. For this purpose, Demand Draft was given branch wise for State Bank and Syndicate Bank.

Both SBI & Syndicate banks charged for the demand draft and were debited from the pensioners who opted payment of pension through bank. Due to pensioner's complaints, and also there was a case filed against the demand draft charges which was being debited from the pensioners account in which the pensioner won the case. Since SBT has agreed to waive off the charges for DD, SBT alone was allowed for the disbursement of pension through the Bank and Syndicate Bank was avoided from disbursement of pension.

The pension payment being processed through FOXPRO Software. From October 2005 core banking was introduced and the account number of the pensioners was changed to 11 digits and this system continued till 2014.

In May 2014 Centralized Pension Disbursement Cell was constituted as per the direction of the Managing Director, under the control of FM&CAO for payment through Bank. After collecting all PPO books from Division offices where the pension payments were being disbursed, with effect from May 2014 the centralized disbursement of pension through bank from Head Office, Pension Disbursement Cell came into effect. All other modes of payment of pension except money order was stopped and payment being made only from Head office through Bank. Money order commission charges for those who opted for money order above 80 years of age are being paid by KWA.

After centralization of pension payment, pension disbursement was made through a tool in FOXPRO. It was a single user interface program. There for all the process wants to be done in a single computer. Otherwise there was a chance of data missing. Even though the processing of pension in FOXPRO for nearly 10,000 pensioners was a difficult task, this system was continued. During 2019, proposal for changing disbursement process to new web based multi user

software was admitted. The work was assigned to National Informatics Centre. NIC developed a test version of pension disbursement software for Kerala Water Authority during 2020 as per the requirements. During 2021, pension processing was doing parallel through FOXPPO and new software for testing. Parallel pension processing through FOXPPO and new software was going on and minor issues during the process were solved by NIC.

An identity card printing machine was allotted to pension disbursement cell for the purpose of issuing identity cards to all pensioners. Then pensioners data with photographs of all pensioners were collected and service of an incumbent was completely utilized for the card printing. Our target was to print and issue identity cards to 9500 pensioners and the task was completed. Now pensioner's identity cards are issuing to the new pensioners within a period of one month after starting pension payment.

During 2020-22 period, owing the COVID pandemic, pensioners finding of difficulties to submit their life certificate coming to the office in person. For easing their hardship Pension Disbursement Cell offered to do mustering over video call through Watsapp to pensioners of Kerala Water Authority.

During 2020, Procedure to implement JEEVANPRAMAAN, for submitting life certificate also was started during this period. The process were completed during 2021 and in the said year, nearly 2000 pensioners submitted their life certificates digitally through jeevanpramaan. For the purpose of digital life certificate processing a finger print scanner was allotted to pension disbursement cell. As such, the pensioners those who directly coming to head office for submitting their life certificates were digitally processed.

While centralization during 2014, PPO books of all pensioners including pensioners portion were recalled to Head Office for the purpose of data entry and verification. During 2021, by considering the requests of pensioners, it was directed to return the pensioners portion of PPO Book, to the pensioners. In compliance to this all the pensioner's portions of PPO books were forwarded to the nearest divisions of their home address.

Number of Pensioners as on 31-03-2021.

There are 9342 pensioners as on 31-03-2021.

The details are as follows,

Service pensioners – 6897 Nos.

Family pensioners – 2424 Nos.

Other type pensioners - 21 Nos.

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**TOTAL - 9342 Nos.**  
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## Chapter XVII

### INTERNAL AUDIT WING

#### Introduction

The internal audit wing of the Kerala Water Authority is an integral part of the internal control for the financial discipline of the department. The main function of the Internal Audit Wing of KWA is to ensure that the internal control mechanism works promptly and effectively. To achieve these goals, the internal audit wing strictly adhered to the directions issued by the Finance Department of the Government of Kerala vide Circular No. 32.2005.Fin dated 10.06.2005.

The Internal Audit Wing of KWA was established to conduct audits of the accounts of KWA offices, provide copies of the audit report in a timely manner, and immediately report any financial or procedural irregularities to the Head of Office.

The Internal Audit Wing is headed by two Internal Auditors. The staff strength of the wing is as follows.

Sl. No	Designation	Sanctioned strength
1	Internal Audit Officers	2
2	Accounts Officer	1
3	Divisional Accounts Officers	3
4	Junior Superintendent	2
5	Head Clerks	3
7	UD Clerks	1
6	LD Clerks	1
8	LD Typists	1
9	Office Attendant	1

#### A brief description of the functions of the internal audit wing is as follows:

Two teams under the control of two internal auditors were conducting audits of all the ARU's promptly and regularly. During the year 2021-2022, six numbers of regular audits have been conducted and reported to the concerned ARU's for rectification of the defects noticed. Besides the regular audits, one special audit was also conducted at W W Central Sub Division, Thiruvananthapuram. Moreover, Special audits will be conducted as and when theft cases, misappropriation of public money etc. are reported by subordinate offices concerned. In addition to this, as per the direction vide No.6510.E1.2020.KWA dated 06.01.2022, the pre-audit of Service Books in respect of the 50 employees was done by the Internal Audit Wing during the year 2021-22.

The Internal Audit Wing also brings the financial and procedural irregularities to the notice of the concerned officers at the time of audit and to ensure that the same is not repeated. Specific directions were also given to the ARU's for rectifying the defects pointed out as per the provisions, rules laid down by the Government from time to time.

Prompt and effective follow-up action was taken to obtain correction reports from the relevant ARUs. The replies related to PAC, COPU, and other committees such as Estimate Committee, Subject Committee, Legislative Assembly, and C & AG report are also furnished by the internal audit wing during the year 2021- 2022. The Internal audit wing conducted

review meetings for all ARUs under this organization, and this has helped in reducing the number of pending Paras of the Local Audit Report.

There are two stock verification sub-divisions headed by Assistant Executive Engineers that were functioning under the control of the internal audit wing for the stock verification of stock and stores of KWA. These offices were located in Thiruvananthapuram and Kozhikode, respectively. The stock verification was conducted based on the pre-approved programme.

Recently, Kerala Water Authority introduced a new Material Management Software (MMS) for improving the accuracy of materials available in store (serviceable and unserviceable). Through the intense efforts initiated by the IA wing, the auction of unserviceable or obsolete materials at offices across the state has been conducted. KWA has collected an amount of Rs. 11.30 crore and taken into account of KWA through the disposal of these items. As such, unnecessary expenses incurred on account of storage charges, stacking, restacking expenses during physical verification can be avoided.

#### Details of Audit conducted by IA Wing during 2021-2022

Audit	No. of audit conducted
Regular	6
Special	1

#### Details of report given and replies obtained

Name of Audit	Year	No. of reports given	No. of reply obtained	No. of objection dropped
Internal Audit	2021-2022	6 reports containing 107 Paras	2	12

#### Details of LAR pending paras and paras dropped during the year 2021-2022

Pending paras as on 01.04.2021	1879
Paras dropped during the year 2021-2022	355

#### Details of Stock Verification conducted during the year 2021-2022

Name of Sub Division	Year	No. of offices in which verification conducted
Stock Verification Sub Division, Thiruvananthapuram	2021-2022	8
Stock Verification Sub Division, Kozhikode	2021-2022	7

Due to the formation of KWA with effect from 01.04.1984, an Internal Audit Wing has been constituted, headed by two Internal Auditors. The main intention of the Internal Audit Wing is to prevent fraud, errors, omission, commissions, theft, and misappropriation of revenue. This wing is consisting of two Internal Auditors, One Accounts Officer, Three Divisional Accounts officers, two Junior Superintendents, three Head Clerks, two clerks, two Typists and one Office Attendant. With the help of above staff two audit teams were constituted to conduct the regular audit for various ARUs of this Organization. The Audit teams verify the Establishment matters, Monthly Accounts, Cash Book, cheque Memo, Revenue related matters, contractors bill payments etc. by observing the Hand Book and Guideline, Orders and Circulars were issued by Government of Kerala and Kerala Water Authority from time to time. This Wing is under the Supervisory control of Accounts Member.

In addition to the above, the internal audit wing is also responsible for arranging replies to inspection reports of the Accountant General, furnishing replies to Draft paragraphs to the government and also to various legislative

committees. Furthermore, stock verification is an integral part of the internal audit wing. For stock verification of stores, there are two stock verification teams headed by two Assistant Executive Engineers. Stock verification sub division No. I, which has head quarters at Thiruvananthapuram and is attached to P H Circle, Thiruvananthapuram, has jurisdiction of verification of 27 divisions (18 regular divisions and 9 project divisions). Stock verification sub division No.II, which has headquarters at Kozhikode and is attached to P H Circle Kozhikode, has jurisdiction over 18 divisions (12 regular divisions and 6 project divisions). The tour programmes submitted through the internal audit wing are approved by the Accounts Member. The verification reports of the teams were transmitted after vetting to the concerned divisions by the Internal Audit Wing, and also the replies from the divisions were scrutinized. At present, staff strength is inadequate for the effective functioning of the internal audit wing. As per U O note No.2080.IA1(Audit).2021.KWA dated 10.02.2021, it is requested by this office that necessary action may be taken to fill up the vacant posts in the internal audit wing.

#### **Details of Internal Audit Completed during the year 2021-2022**

During the period from 01.04.2021 to 31.03.2022, six regular audits have been conducted by the Internal Audit Wing. These divisions are

1. P H Division Shornur
2. P.H.Division South ,Thiruvananthapuram
3. P.H.Division,Kottayam
4. P.P.D, Thiruvananthapuram
5. P .H. Circle, Thiruvananthapuram
6. JNNURM Circle, Kochi

The queries related to the audit have been forwarded to the concerned ARUs for rectification and replies. In addition to the above, one special audit was conducted during the above period due to the allegations raised by Sri S P Dileesh (late), Junior Superintendent, Central Sub Division, Thiruvananthapuram.

#### **Reason if not completed the Audit of the KWA 2021-2022**

As directed by the KWA Board, the reports prepared by the audit team were submitted to the Managing Director, Accounts Member, and Chief Engineer (HRD & GL), and to the respective ARUs. In KWA, there are 67 ARUs, and the audits are conducted with the preplan approved by the Accounts Member. On occasion, answers.replies to government committees such as COPU.PAC.SubjectCommittee.C&AG.Local Fund Audit Committee, as well as conducting the ACM (Audit Committee Meeting) and special audits as needed.

#### **Details of Stock Verification conducted in 2021-2022**

The stock verification subdivisions will conduct the stock verification in 45 divisions. Out of these, 30 numbers are maintenance sub divisions and the rest are project divisions. As per the existing practice, the stock verification sub division No. I, Thiruvananthapuram, shall conduct the stock verification of 27 divisions. The stock verification sub division No. II, Kozhikode, shall conduct 18 stock verifications. Out of these, the stock verification sub division No. I, Thiruvananthapuram, has conducted stock verifications of 8 divisions and stock verification subdivision No. II, Kozhikode, has conducted 7 stock verifications during the year and submitted their reports for rectifying the mistakes and obtaining replies. Furthermore, the staff from the before mentioned teams were used on occasion for special audits as needed.

The inspection by IA Wing helps to improve the performance of various field offices and performance of KWA as a whole.

## Chapter XVIII

### QUALITY CONTROL WING

Quality Control wing of KWA does the surveillance and monitoring of drinking water being supplied through various Water Supply Schemes. In addition to this water quality monitoring and surveillance of other water supply sources like open well, bore well etc in rural habitations are also being done under JalJeevan Mission.

The Quality Control Wing of KWA comprises of

- State Referral Institute(SRI)
- District Labs – 14 Nos (one in each district)
- Sub District Labs – 70 Nos

The 14 District labs are having a regular staff pattern which is entrusted for the water quality monitoring and surveillance of all water supply schemes of KWA. There is a three tier system with a definite protocol for conducting water sample analysis in stipulated frequency at AE/AEE/EE level. For this purpose, the schemes are classified into 5 categories. The scheme category and frequency of monitoring is shown in Table 1.

Table 1: Scheme Category and Frequency of Monitoring				
Category of KWA schemes	Benefitted population	Surveillance/ Monitoring conducted by		
		AE	AEE	EE
Category A	Population above 1 Lakh	Monthly	Once in 2 months	Once in 3 months
Category B	Population above 50,000 to 1 lakh	Once in 2 months	Once in 4 months	Once in 6 months
Category C	Population above 20,000 to 49,000	Once in 3 months	Once in 6 months	At random and when required
Category D	Population above 5000 to 19000	Once in 6 months	Yearly	At random and when required
Category E	Population less than 5000	Yearly	At random / as and when required in case of problem	

At present in district Labs, drinking water are tested for 17 Physico - Chemical parameters and 2 Bacteriological parameters. The details of parameters tested are shown in Table 2 below.

Table 2: Water Quality Parameters tested in District Labs	
Physico- Chemical parameters	1. Colour
	2. Odour
	3. Turbidity
	4. pH
	5. Electrical Conductivity*
	6. Acidity*
	7. Alkalinity
	8. Sulphate
	9. Total Dissolved Solids (TDS)
	10. Total Hardness

	11. Calcium
	12. Magnesium
	13. Chloride
	14. Fluoride
	15. Iron
	16. Nitrate
	17. Residual Chlorine
	* not in BIS
Bacteriological parameters	18. Total Coliform
	19. E.Coli

At each district lab approximately 100 No. of KWA scheme samples and an average of 200 No. of Private samples (which may hike up to 700 in certain labs) are analysed per month. The results of water sample analysis of KWA schemes are forwarded to the concerned officers of Maintenance wing in charge of the schemes for taking corrective measures. Moreover, chemicals such as Alum, Lime & Bleaching Powder used for water treatment in KWA schemes are also being tested in labs to ensure quality.

Under Jal Jeevan Mission, 14 District labs and 70 Sub District labs are working for conducting quality analysis and sanitary inspection of drinking water sources like open well, bore well etc in rural habitations. Out of these, 9 District Labs and 8 sub-district labs are NABL accredited up to March 2022. NABL audit is on-going in the remaining sub-district labs and District Labs. Each Sub district lab covers 250 rural drinking water sources per month along with private samples. The results of water samples are uploaded in IMIS website of Govtof India. District labs cover 250 roster samples along with scheme samples and private samples. In each district lab there is one permanent sanitary chemist in KWA, who also oversees the functioning of sub-district labs in the district. Other chemists are engaged on contract basis for the functioning of District and Sub District Labs.

The state wide apex body, State Referral Institute, which is functioning at Nettoor has got the facility for testing heavy metals and pesticides in addition to the routine parameters as mentioned above. The metal analysis including toxic elements is being done with Atomic Absorption Spectroscopy (AAS). Pesticide are analysed using Gas Chromatography. Raw water samples from intake point of schemes are tested for heavy metals & pesticides in pre-monsoon & post monsoon. The heavy metals and pesticides tested in SRI are shown in Table 3 below.

Table 3: Heavy Metals and Pesticides tested at SRI		
Toxic Substances		Other Metals
Pesticides	Metals	
1. Aldrin/Dieldrin	1. Lead	1. Manganese
2. Alpha HCH	2. Total Chromium	2. Copper
3. Beta HCH		3. Aluminium
4. Delta HCH		4. Zinc
5. DDT		
6. Endosulfan		
7. Gamma HCH		

The State Referral Institute got NABL accreditation during March 2017. Currently there are 29 parameters accredited by NABL, which includes 11 heavy metals, Dissolved Oxygen along 17 regular parameters.

List of Divisions, Subdivisions and Labs under Quality Control Wing		
Division	Subdivision	District Labs
Thiruvananthapuram	Thiruvananthapuram	Thiruvananthapuram
Kochi	Thiruvalla	Kollam
Kozhikkode	Aluva	Alappuzha
	Thrissur	Thiruvalla
	Kozhikkode	Kottayam
	Kannur	Aluva
		Painavu
		Thrissur
		Palakkad
		Kozhikkode
		Kalpetta
		Malappuram
		Kannur
		Kasargod

Details of KWA Scheme Samples tested in year 2021-22						
Sl No	Month	Physical & Chemical Test			Bacteriological Test	
		Total No. of Samples tested (Raw water)	Total No. of Samples tested (Treated water)	Failed No. of Treated Water samples	Total No. of Samples tested	Total No. of Samples tested in field and Lab (Treated water)
1	Apr-21	251	334	50	591	957
2	May-21	160	210	67	354	687
3	Jun-21	282	415	58	670	1104
4	Jul-21	296	520	126	826	1402
5	Aug-21	347	575	142	791	1221
6	Sep-21	253	431	70	599	1116
7	Oct-21	305	597	213	737	1415
8	Nov-21	272	496	166	760	1204
9	Dec-21	273	460	130	672	1126
10	Jan-22	277	475	85	667	1061
11	Feb-22	257	416	88	614	1009
12	Mar-22	273	448	63	593	1091
<b>Total</b>		<b>3246</b>	<b>5377</b>	<b>1258</b>	<b>7874</b>	<b>13393</b>

## Chapter XIX

### IMPLEMENTATION OF RIGHT TO INFORMATION ACT 2005

Right To Information Act is the Act which gives the right to all people to know the public information, passed by the Indian Parliament in 2005. This Act is one of the mile stones in the history of India. This rule was implemented all over India in the same year.

The Kerala Water Authority took initiative to implement the Act in the same year itself by issuing necessary Orders and Circulars. Accordingly, Twenty seven officers have been deputed as Public Information Officers in JalaBhavan, the headquarters of Kerala Water Authority. The Deputy Chief Engineers in all Regional Offices, PA to Superintending Engineer in Circle Offices, Technical Assistant to Executive Engineer in Division offices and Assistant Executive Engineer in Sub Division offices respectively are also deputed as Public Information Officers. In the absence of Public Information Officers, the Assistant Public Information Officers will be the responsible person. The Administrative Officer of Regional Offices, the Administrative Assistant of Circle Offices, the Divisional Accounts Officer of Divisional Offices and all Assistant Engineers under the purview of Sub Divisional Offices are deputed as Assistant Public Information Officers.

The complaints raised by the applicants against the information given, those which are not satisfactory or not within stipulated period will be heard and redressed. For this purpose, an Appellate Authority is required and nominated the Chief Engineer (HRD & GL) in JalaBhavan, Chief Engineers in all Regions and Chief Engineer, JICA as Appellate Officers.

#### SUO MOTO DISCLOSURE UNDER SECTION 4(1)(b) REPORTING YEAR: 2021-22

Sl.No.	Department	No. of Public Authorities	No. of Public Authorities which published the 17 Manuals under Section 4 (1)(b)	No. of Public Authorities which updated the 17 Manuals during the year	No. of Public Authorities which displayed the 17 Manuals Online
(1)	(2)	(3)	(4)	(5)	(6)
1.	Kerala Water Authority	53	0	0	0

#### DESIGNATION OF PUBLIC INFORMATION OFFICERS/APPELLATE AUTHORITIES REPORTING YEAR: 2021-22 (Form-II)

Sl.No.	Department	No. of Public Authorities	No. of Public Information Officers Designated	No. of Assistant Public Information Officers Designated	No. of Appellate Authorities Designated
(1)	(2)	(3)	(4)	(5)	(6)
1.	Kerala Water Authority	58	93	82	12

**DISPOSAL OF INFORMATION REQUESTS BY PUBLIC INFORMATION OFFICERS REPORTING YEAR:  
2021-22 (Form-III)**

Name of the Department	No. of Requests pending at the end of Last Year	No. of Requests Received during the Year	Total No. of Requests	No. of Requests Disposed	No. of Requests Rejected	No. of Requests deemed to be Refused under Section 7 (2) Received during the Year	% of Cases Access to information Denied
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kerala Water Authority	2	792	788	780	18	0	0%

**INFORMATION REQUESTS REJECTED BY PUBLIC INFORMATION OFFICERS REPORTING YEAR: 2021-22 (Form-IV)**

Name of the Department	No. of Requests Rejected	No. of Requests Rejected under Section 8	No. of Requests Rejected under Section 9	No. of Requests Rejected under Section 11	No. of Requests Rejected under Section 24	No. of Requests Rejected under Sections (Fee not remitted as per rule)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Kerala Water Authority	9	2	0	0	0	6

**DISPOSAL OF FIRST APPEALS BY DESIGNATED APPELLATE AUTHORITIES REPORTING  
YEAR: 2021-22 (Form-V)**

Name of the Department	No. of First Appeals pending with Appellate Authorities on 01.04.2016	No. of First Appeals preferred during the year	No. of First Appeals with Appellate Authorities (2+3)	No. of First Appeals Disposed	No. of First Appeals Rejected	% of First Appeals Rejected	No. of First Appeals pending for more than 45 days
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kerala Water Authority	0	14	11	13	0	0	0

**PENALTIES IMPOSED & COLLECTED REPORTING YEAR: 2021-22(Form VI)**

Name of the Department	Penalties imposed in previous year pending for collection	Details of Penalties imposed by information Commission under Section 20(1)	Total	Details of Penalties Collected in Rs
(1)	(2)	(3)	(4)	(5)
Kerala Water Authority	0	0	0	0

**DISCIPLINARY ACTION TAKEN AGAINST OFFICERS IN RESPECT OF ADMINISTRATION OF RTI ACT REPORTING YEAR: 2021-22(Form VII)**

Name of the Department	Details of Disciplinary Action Recommended by information Commission under Section 20(2)	Details of Disciplinary Action Taken based on Recommendation of Information Commission	Other Disciplinary Actions Taken (other than those Recommended by Information Commission)
Kerala Water Authority	0	0	0

**SUMMARY COSTS, FEES & CHARGES COLLECTED BY PUBLIC AUTHORITIES REPORTING YEAR: 2021-22(Form-VIII)**

Name of the Department	Cost Collected Section 4 (4)	Fee Collected Section 6(1)	Fee Collected Section 7 (1)	Fee Collected Section 7(5)	Other charges collected (Specify)	Total Collection
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Kerala Water Authority	5465	3962	135	62	50	13139

## Chapter XX

### IMPLEMENTATION OF RIGHT TO SERVICE ACT 2012

The Kerala State Right to Service Act, 2012 came into force on 1<sup>st</sup> November 2012 as per G.O.(P)No.55/2012/P&ARD. Kerala Water Authority implemented the Right to Service Act 2012 on 08.04.2013 onwards. The Act provides for effective, time bound redressal of grievance of citizens, delivery of services to the public and making Government servants liable in case of default. Through the introduction of bill, the Government servants are made answerable in terms of their functions, duties commitments and obligations towards the people.

The bill provides two tier appellate system to redress grievances. The bill underlines the duty of the designated officer who on receipt of an application for service will provide it or reject the application within the time limit, counted from the day the application is received. In case of rejection, the officer should justify it in writing.

Section 3 of the Kerala State Right to Service Act, 2012(18 of 2012) empowers, every departments of the Government, Heads of Departments, Local Self Government Institutions and Statutory Bodies to notify in the Gazette, the services, that will be rendered by each of them along with details of stipulated time limit, Designated Officers, First Appellate Authority and the Second Appellate Authority. The Government have decided to notify the services to be rendered by the Kerala Water Authority and the officers in respect of such services as stipulated in the said Section.

In connection with the implementation of Right to Service Act in Kerala Water Authority, the Managing Director issued a notification vide No. KWA/JB/E1/9387/2012 Dt: 08/04/2013 in which the designated officers as First Appellate Authority, Second Appellate Authority, and the stipulated time limit in respect of such services were notified.

**The details of services rendered by the Authority are as follows.**

Sl. No.	Service		Stipulated time limit	Designated Officer	1 <sup>st</sup> Appellate Authority	2 <sup>nd</sup> Appellate Authority
1	2		3	4	5	6
1.	Providing Water Connection	Urban Area	15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
		Rural Area	30 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
2.	Sewerage Connection		60 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
3.	Shifting of Domestic Connection		15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
4.	Disconnection of domestic/non domestic connection (on request of consumer)		15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
5.	Reconnection of domestic/non domestic connection		15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
6.	Change of ownership/changing of category of connection		15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
7.	Meter reading/ complaint redressal		30 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
8.	Sewerage connection change of ownership		15 days	Assistant Executive Engineer	Executive Engineer	Superintending Engineer
9.	Water sample of private wells quality test (physical and chemical)		10 days	Assistant Executive Engineer	Executive Engineer/ Quality Control Division	Chief Engineer

## Chapter XXI

### COMPLAINT REDRESSAL CENTRE

As part of enhancing customer services, a Complaint Redressal Centre with a toll free number 1800 425 5313 (Now 1916) was started functioning in the Head Office, Thiruvananthapuram from 22/3/12 onwards. The complaints/calls related to water supply and drainage from anywhere in Kerala will be attended in this centre. The details of the complaint will be transmitted to the respective Divisions over telephone. A nodal officer was made responsible in each division to attend the complaints and for follow up action of the complaints which are forwarded from the Complaint Redressal Centre. The Technical Assistants of the concerned Divisions are nominated as the nodal officers for attending the complaints. All complaints forwarded from this centre will be entered in a register and action taken are being recorded. The Technical Assistants reports the action taken regarding the complaints which are forwarded to them to the Complaint Redressal Centre in a time bound manner.

#### The phone numbers to which the complaints are forwarded are listed below:

1.	P.H Division, North, Thiruvananthapuram	-	0471 2322798	85476 38175
2.	P.H Division, South, Thiruvananthapuram	-	0471 2321379	85476 38290
3.	Head Works Division, Aruvikkara	-	0472 2888239	94000 67878
4.	W.S Division, Neyyattinkara	-	0471 2223447	85476 38093
5.	Sewerage Division, Pattoor	-	0471 2303170	85476 38212
6.	W.S Division, Attingal	-	0470 2620574	85476 38355
7.	P.H Division, Kollam	-	0474 2748857	85476 38530
8.	P.H Division, Pathanamthitta	-	0468 2222687	85476 38344
9.	P.H Division, Alappuzha	-	0477 2242372	85476 38221
10.	P.H Division, Tiruvalla	-	0469 2701267	85476 38241
11.	P.H Division, Kottayam	-	0481 2563711	85476 38556
12.	P.H Division, Kochi	-	0484 2360816	85476 38133
13.	W.S Division, Kochi	-	0484 2394155	85476 38145
14.	P.H Division, Aluva	-	0484 2626948	85476 38156
15.	P.H Division, Muvattupuzha	-	0485 2832350	85476 38436
16.	P.H Division, Thodupuzha	-	04862 222812	85476 38427
17.	P.H Division, Thrissur	-	0487 2333070	85476 38362
18.	P.H Division, Irinjalakuda	-	0480 2826608	85476 38374
19.	P.H Division, Palakkad	-	0491 2545027	85476 38307
20.	P.H Division, Shornur	-	0466 2223264	85476 38315
21.	P.H Division, Kozhikode	-	0495 2370095	85476 38211
22.	P.H Division, Vadakara	-	0496 2512474	85476 38060
23.	P.H Division, Malappuram	-	0483 2734891	85476 38171
24.	P.H Division, Edappal	-	0494 2680215	85476 38410
25.	P.H Division, SulthanBathery	-	04936 220422	85476 38495
26.	P.H Division, Kannur	-	0497 2706837	85476 38273
27.	P.H Division, Kasaragod	-	04994 256411	85476 38250
28.	W.S. Division, Thaliparambu	-	0460-2203230	8547638301
29.	PH Division, Kottarakkara	-	0474-2450787	9400002040
30.	PH Division, Kaduthuruthy	-	04829-285052	8547638081

# ANNEXURE

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## Annexures

### Annexure 1

#### Summary of projects being executed/works undertaken in various heads.

SI No	Scheme Code	Scheme Name	Outlay (Rs. in Lakh)
1	SWS 001	Survey and investigation-2215-01-190-99(1)	100
2	SWS 028	NABARD Assisted Rural Water Supply Schemes Rural Infrastructure Development Fund-4215-01-102-98(1)	5180
3	SWS 043	Manufacturing units for bottled water-2215-01-190-96	90
4	SWS 072	Renovation of Existing Civil Structures owned by KWA- 2215-01-190-92	300
5	SWS 124	Innovative Technologies and Modern Management Practices (2215-01-101-97(1)	100
6	SWS 125(1)	Human Resources Development Research and Development & Quality Control (4215-01-800-91)	100
7	SWS 126	Sewerage Schemes of Kerala Water Authority (4215-02-190-99)	2460
8	SWS 127	Rehabilitation/Improvement works of Urban Water Supply Schemes-UWSS-4215-01-101-97	4500
9	SWS 128	Rural Water Supply Schemes-4215-01-102-97	1000
10	SWS 129	Water Supply Scheme to Specified Institutions/Locations-4215-01-800-90	100
11	SWS 131	Optimisation of Production And Transmission-4215-01- 800-89	5000
12	SWS 132	Kerala Water Supply Project, JICA (One time sustenance support under the State Plan)-4215-01-800-88	750
13	SWS 135	Drinking water - Drought mitigation and emergency works 2215-01-800-47	1000
14	SWS 133	Modernisation of Aruvikkara Pumping Station-4215-01- 101-96	100
15	SWS 142	Enterprise Resource Planning (ERP), E-Governance, GIS and Information Management-2215-01-190-87	100
16	SWS 138	Source Improvement and Water Conservation-4215-01- 800-92	200

17	SWS 145	Jal Jeevan Mission(NRDWP) 50 % State Share 4215-01- 102-92	40000
18	SWS 143	ADB Assisted Kerala Urban Water Supply Improvement Project –KUWSIP (EAP) 4215-01-101-94	10000
19	SWS 146	Works for the prevention of river pollution and creating awareness for the compliance of NGT direction (2215-02-106-97)	500
		<b>GRAND TOTAL</b>	<b>71580</b>

## Annexure 2

### State Plan - List of Works Completed 2021-22

#### a. (Survey and Investigation)

SI No	Name of Work	Division	AS Amount in Lakhs	AS year
1	STATE PLAN-2018-19-Aruvikkara reservoir, Peppara leased land survey, pipe line road boundary survey works and placing of boundary stones	Aruvikkara HW Dn	29.70	2018-19
2	STATE PLAN-RWSS to Thrikkaruva, Panayam and Mandrothuruthu Panchayaths - Survey and Investigation	Kollam Project Dn	9.24	2020-21
3	STATEPLAN-Survey of water supply scheme to Perinad Panchayath	Kollam Project Dn	4.68	2020-21
4	STATE PLAN 2020-2021 Augmentation of WSS to Kothamangalam Municipality and Nellikuzhy (Part) Panchayath - Conducting survey and investigation	Piravam Project Dn	9.00	2020-21
5	STATE PLAN 2021-22-Survey and Investigation .Survey works for providing Distribution System in Vandiperiyar Panchayth in Idukki District	Kattappana Project Dn	5.07	2021-22
6	Surveying work of production components and distribution components for Meppady, Moopainad and Vythiri panchayath in Wayanad District	Project Division, Kozhikode	9.00	2020-21
7	Survey & Investigation work of Kottakkal Municipality & Parapur(p), Edarikode and Kodur GP	Project Division, Malappuram	10.00	2020-21
9	WSS to New Mahe Pt.- Survey work for Transmission main & distribution system in New Mahe Pt.	Project Division, Mattannur	4.00	2021-22
10	WSS to Panniyannur Pt.- Survey work for Transmission main & distribution system in Panniyannur Pt.	Project Division, Mattannur	2.40	2021-22
11	WSS to Mokeri Pt.- Survey work for Transmission main & distribution system in Mokeri Pt.	Project Division, Mattannur	2.00	2021-22
12	WSS to Kankol-Alapadamba Panchayath in Payyanur Taluk of Kannur District- Surveying and design for a length of 200Km distribution network for Kankol-Alapadamba Panchayath	Project Division, Kannur	7.00	2021-22
13	WSS to Karivellur-Peralam Panchayath in Payyanur Taluk of Kannur District- Surveying and design for a length of 240Km for distribution network for Karivellur-Peralam Panchayath	Project Division, Kannur	9.00	2021-22
14	Survey & Investigation Using Electronic Total Station/DGPS and Designing the network -WSS to Azhiyur Eramala and adjoining panchayath- Investigation, Survey and Design of RWP main, CWP main, Gravity main and distribution system	Project Division, Kozhikkode	27.00	2021-22
	<b>TOTAL</b>		<b>128.09</b>	

**b. (Renovation of existing Civil Structures owned by KWA)**

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	Providing electrification and data cable to the newly constructed WW West sub division office building at pongumoodu	TVPM (N)	5.76	2020-21
2	Maintenance of existing building of South Sub Division, Kuriathy	TVPM (S)	9.33	2020-21
3	TWSS-Providing Sheet Roofing on Rooftop of WW South Section Office Building at Kuriathy	TVPM (S)	4.00	2020-21
4	Renovation of WS Sub Division office at Valiyakunnu , Attingal	Attingal WS Dn	24.50	2020-21
5	State Plan 2021-22- ARWSS to Karavaram-Providing Roofing sheet to Kattaparambu pump house and connected works	Attingal WS Dn	2.92	2021-22
6	ARWSS to Pathanapuram & Piravanthoor-Renovation of approach road to Water treatment plant , Kuryottumala	Kottarakkara	10.00	2021-22
7	Reconstruction of Compound wall and retaining wall at Kallissery WTP	Project Division, Adoor	13.09	2020-21
8	RWSS to Chittar, Meenkuzhy and Kodumudy - Maintenance and roofing works of Meenkuzhi booster pump house at Benjaminpara.	Pathanamthitta	3.21	2018-19
9	STATE PLAN 2018-19 - UWSS to Kottayam -Providing and fixing Truss work above the roof including construction of conference Hall at KWA Building	Kottayam PH Dn	37.00	2018-19
10	STATE PLAN 2020-21 - Renovation of Civil Structures- Painting and Maintenance of Civil Structures in KWA office Kottayam	Kottayam PH Dn	20.00	2020-21
11	State Plan 2019 - 20 :- Demolishing dilapidated civil structures - Demolishing dilapidated and damaged over head reservoirs under PH Section, Kayamkulam	Alappuzha PH Dn	13.03	2019-20
12	State plan - 2021-22-JICA Scheme - Maintenance of OHSR at Panavally and Perumbalam-Painting the OHSR at Panavally and Perumbalam	Alappuzha PH Dn	14.00	2021-22
13	State Plan 2019-20 - demolishing dilapidated civil structures RWSS to Cheruthana :- Demolishing dilapidated and damaged OHSR including pump house in Pandi ward 1 of Cheruthana panchayat.	Alappuzha PH Dn	8.10	2019-20
14	State Plan 2020-21- Renovation of existing civil structures owned by Kerala Water Authority- Renovation of existing quality Control District Lab and Sub Division building at Kizhakkumpattukara	Kochi QC Dn	22.40	2020-21
15	State Plan 2021-22-EMWSS- Refurbishment of toilets at Chief Engineer's office campus for the use of physically challenged employees	Kochi PH Dn	2.40	2021-22
16	State Plan 2021-22-EMWSS- Refurbishment of toilets at Chief Engineer's office campus for the use of physically challenged employees	Kochi PH Dn	2.40	2021-22
17	State Plan 2020-21: Renovation works to the existing Canteen building attached to CE's Office, Central Region, Kochi	Kochi PH Dn	5.00	2020-21
18	State Plan 2020-21:Providing common gate to the Central Store compound and treatment plant at Nettoor	Kochi PH Dn	5.00	2020-21
19	State Plan 2020-21-Mance.of compound wall and fixing of gate	Kochi Project Division	3.00	2020-21
20	State Plan 2020-21-P.C.C work of the floor of Chlorinator room and Iron sheet replacement and replacement of checker plate of Walkway and Painting work	Kochi Project Division	1.50	2020-21

21	State Plan 2019-20 : Renovation works of division office building of Irinjalakuda	Irinjalakkuda PH Dn	5.00	2018-19
22	RWSS to Kulamavu - Renovation of pump house and desilting of well	Thodupuzha PH Dn	2.50	2019-20
23	JICA aided WSS to Pattuvam and adj. Villages- Maintenance of 90 MLD WTP at Peruvalathuparamba- Repainting of 2 Nos. post lime saturators and 2Nos Pre lime saturators.	W.S.Division, Thaliparamba	4.60	2021-22
24	Mace. Of Office replacing damaged grills of ventilation and Providing corrugated G.S. sheet roofing for Division office at Sulthan Bathery	Sulthan Bathery	10.00	2017-18
25	Construction of Inspection Bunglow at Kerala Water Authority, PH Division Compound at Palakkad	Palakkad	8.00	2019-20
26	Construction of an Inspection Bunglaw in KWA PH Division compound	Palakkad	26.22	2020-21
	<b>TOTAL</b>		<b>262.96</b>	

### c. (Innovative Technologies and Modern Management Practices)

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	STATE PLAN 2016-17-Making of unmanned security watch tower in Peppara and Aruvikkara	Aruvikkara HW Dn	25.00	2016-17
2	STATE PLAN-2018-2019-TWSS-setting up of microbiology lab in JICA 74 MLD WTP	Aruvikkara HW Dn	12.00	2019-20
3	State Plan-2020-21-Providing IP Surveillance Cameras in 72 MLD and 86MLD WTPs at Aruvikkara	Aruvikkara HW Dn	4.50	2020-21
5	State plan 19-20 -Replacing old 150mm AC pipe with 160mm OPVC pipe along backside of Engineering college (Quarters road) connecting to althara road	Trivandrum North PH Dn	28.00	2019-20
6	Providing Solar Panels on the Roof Top of 4.4 ML OHSR at Observatory	Trivandrum South PH Dn	53.00	2018-19
8	State Plan 2019-20 EMWSS to Western Kochi -Supply,erection,testing and commissioning of vaccum feed Chlorinator with Cylinder at Karuvelipady Pump house.	Kochi PH Dn	3.50	2019-20
9	State Plan 2019-20 WSS to Kumbalangi and Chellanam panchayath-Supply,erection,testing and commissioning of vaccum feed Chlorinator with Cylinder at Kumbalangi Pump house.	Kochi PH Dn	3.50	2019-20
10	State plan 2019-2020:- EMWSS-Supply of 930 kg Capacity Chlorine Toner at Thamman pump house	Kochi PH Dn	4.50	2019-20
7	State plan 20-21-Procurement of metal detector for locating sewage manhole under the tarred road	Kochi PH Dn	2.00	2020-21
11	WSS to Puthencruz and adj Pts - Installation of flow meters in the transmission mains to OH tanks 2Nos at Choondy and 2 nos in Distribution lines to Pts including valve chambers	Kochi WS Dn	11.00	2018-19
12	State plan 2018-19 -WSS to Thrikkakara installation of 250mm to100mm Flow meter at Thoppil pump house.	Kochi WS Dn	4.90	2018-19
13	State plan 2018-19 - Innovative technology Augmentation of WSS to kochi-Vypin component ultimate requirements for improving water supply to scheme area Installation of flow meter 1no at HUDCO pumphouse at Ochanthuruth	Kochi WS Dn	5.70	2018-19
14	State Plan2018-19 Supply erection of flow meter in CWPM to GL tank Erambra	Muvattupuzha PH Dn	3.08	2018-19
15	State Plan 2018-19 Part C Additional proposal for instruments required at SRI Nettoor-Microbiological- Procurement of Rapid detection system with accessories such as Vacuum pump,Manifold(Filer Assembly) Coliform Agar, Reagents, Membrane and Digital colony counter etc. for SRI, Q.C.Divisions Thiruvananthapuram and Kozhikode	SRI Nettoor	105.00	2018-19
16	Automation of Palappetty pumphouse	Edappal	1.20	2020-21
17	WSS to Sasimala and WSS to Seethamound-Providing of automation system for pumping including fitting of starters and control units	Sulthan Bathery	1.50	2021-22
	<b>TOTAL</b>		<b>268.38</b>	

#### d. (Sewerage Schemes of Kerala Water Authority)

Sl No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	State Plan 2008-09-Guruvayoor drainage scheme	Thrissur PH Dn	1250	2008-09
2	State Plan-2016-17-Guruvayoor drainage scheme	Thrissur PH Dn	125	2016-17
3	State Plan 2017-18 : Providing sewer line to Manava Nagar in Perunthanni ward	Pattoor Sewerage Dn	5	2017-18
4	State Plan 2017-18 : TSS- Rehabilitation of damaged 400mm sewer line and reconstruction of dilapidated manhole in the sewer line between Thakarapampun Malloor road	Pattoor Sewerage Dn	19	2017-18
5	Reconstructing damaged brick manholes with RCC manholes at Kannamoola in West RC area under sewerage section sasthanamangalam	Pattoor Sewerage Dn	9	2017-18
6	State Plan 2017-18: Renovation of old grit chamber and allied works at Kuriathy pump house	Pattoor Sewerage Dn	10	2017-18
7	State Plan 2017-18 : Reconstruction of damaged MH and sewer lines in Enchackal - Pettah Aksharaveedi area	Pattoor Sewerage Dn	8	2017-18
8	State Plan 2017-18 : TSS- Rehabilitation of dilapidated manholes in Ambujavilasom, Mathrubhumi, Vanchiyoar General hospital, Malloor and Chirakulam road	Pattoor Sewerage Dn	21	2017-18
9	State Plan:2018-19 - TSS- Rehabilitation of sewer line at Sridevi Nagar	Pattoor Sewerage Dn	29	2018-19
10	State Plan 2018-19 - TSS Developing Mobile application for mapping the sewerage network	Pattoor Sewerage Dn	10	2018-19
11	State Plan 2018-19 - TSS Developing Mobile application for mapping the sewerage network	Pattoor Sewerage Dn	20	2018-19
12	State Plan 2018-19 - TSS - Supply of new pump sets at Mudavanmughal	Pattoor Sewerage Dn	13	2018-19
13	State Plan 2018 - 2019 TSS Plan - 30 - Construction of well and Grit Chamber with Supplying and Installing 3 No's submersible Pump set etc. at Thaliyal Pump House.	Pattoor Sewerage Dn	160	2018-19
14	State Plan -2019-20 -Purchasing of advanced manhole cover locators	Pattoor Sewerage Dn	1.6	2019-20
15	TVM-S-SPLAN-2019-20-HRD-PP-002 "Eliminating manual scavenging during operation and maintenance of Sewerage system in Thiruvananthapuram City Region"-Utilising robots (BANDICOOT) as a pilot project	Pattoor Sewerage Dn	25.87935	2019-20
16	State Plan 2019-20: Supplying and installation of Diesel generators for Sewage Pump Houses at Kuriathy, Mudavanmughal	Pattoor Sewerage Dn	30	2019-20
17	State Plan 2019-20 : Reconstruction of old dilapidated man holes and raising of manholes under sewerage section No.1, Kuriathy	Pattoor Sewerage Dn	50	2019-20
18	State Plan 2019 - 2020 TSS - Renovation of Sewerage Division Office Building at pattoor.	Pattoor Sewerage Dn	15	2019-20
19	STATE PLAN 2019-20:Block rectification works in sewer lines at Chittoor Road between Iyyattu Jn Krishna nursing home at Ernakulam	Kochi PH Dn	25	2019-20
20	State Plan-2020-21-TSS - Reconstruction of old dilapidated brick man holes and raising of man holes at Enchakkal Sreevaraham area under Sewerage Section I, Kuriathy	Pattoor Sewerage Dn	38.7	2020-21

21	State Plan-2020-21-TSS - Reconstruction of old dilapidated brick man holes, Raising of man holes and Replacement of RCC Covers with CI covers at Thaliyil and Karuvalikkunnu area under Sewerage Section 2,KURIATHY	Pattoor Sewerage Dn	48.2	2020-21
22	State Plan-2020-21-TSS-Laying of 400mm RCC pipe line instead of damaged existing sewer line in KSRTC Bus terminal, Thampanoor under Sewerage Section II, Kuriathy	Pattoor Sewerage Dn	37.64	2020-21
23	State plan-2020-21 -TSS Reconstruction of old dilapidated brick man holes, raising of manholes and replacement of RCC covers with CI covers at Poojapura and Aranoor area under sewerage section 2, Kuriathy	Pattoor Sewerage Dn	47.03	2020-21
24	State Plan-2020-21-TSS - Providing and laying 200mm dia SW branch sewer line in Parayattil Lane Residence Association Area at Muttada	Pattoor Sewerage Dn	53.1	2020-21
25	State Plan-2020-21-TSS Replacing of old and damaged 150 mm s w sewer line with 300 mm s w sewer line from Observatory lane to Lenin nagar under Sewerage Section , Sasthamangalam ,	Pattoor Sewerage Dn	23.75	2020-21
26	State Plan-2020-21-TSS Reconstruction of old dilapidated brick manholes with R C C and Raising of manhole covers in the Central R C area under Sewerage Section , Sasthamangalam.	Pattoor Sewerage Dn	43.82	2020-21
27	State Plan-2020-21-TSS"Reconstruction of old dilapidated rick manholes with R C C and Raising of manhole covers in the West R C area under Sewerage Section , Sasthamangalam.	Pattoor Sewerage Dn	40.18	2020-21
28	State Plan 2020-21, Wet well cleaning and Leakproof treatments of No I sewage Pump house near Maharajas College ground	Kochi PH Dn	10	2020-21
29	State Plan Scheme-20-21,Fabricating and Fitting of central assembly of Primary Settling Tank (PST) at Sewage treatment Plant at Elamkulam	Kochi PH Dn	7	2020-21
30	State Plan 2021-22 TSS - Increasing capacity of 150mm SW pipe to 200 mm SW pipe and constructing RCC manholes at Koopakkaramadom	Pattoor Sewerage Dn	11	2021-22
31	State Plan 2021-22 TSS- Rehabilitation of sewer lines and reconstruction of damaged manholes in Thycaud Elamkam Garden lane from TENRA 144 to TENRA 199 A and from TENRA 158 to TENRA 208 under Sewerage Section II,Kuriyathy	Pattoor Sewerage Dn	38.02	2021-22
32	State Plan 2021-22 - TSS - Supply, installation, testing & commissioning of one number additional 250 kVA Diesel Generator set in come feeder of 400 A rating in the existing main panel installed at Sewage pump house, Kuriathy, Thiruvananthapuram	Pattoor Sewerage Dn	6	2021-22
33	State Plan 2021-22 - TSS -Zone II - Laying 600mm dia RCC NP3 pipe sewer main towards Edapazhanji Chithra nagar (IV th reach ) Chainage 2738 m to 2908 m in connection with the commissioning of Jagathy -Kootamvila scheme- land acquisition cost	Pattoor Sewerage Dn	111.55	2021-22
34	TSS - Laying 500 mm dia DI Pumping main from Pattoor pump house to V V nagar to replace the blasted pumping main at Pattoor	Pattoor Sewerage Dn	118.41	2021-22
35	PLAN 30 -2021-22 -TSS -Providing and laying 200mm s w sewer line from RP Lane Towards Kuravankonam main lane - under Sewerage Section , Sasthamangalam	Pattoor Sewerage Dn	43	2021-22
36	State Plan 2021-22 TSS - Providing and laying 200mm SW sewer line in Kedaram line near Murinjaplam from KRA 161 to 167 in Pattom ward under Sewerage Section Sasthamangalam	Pattoor Sewerage Dn	15.33	2021-22
37	State Plan Guruvayur Drainage Scheme- Additional works for balance for manhole raising , finding out the covered manholes due to tarring and road restoration charges and allied works	Thrissur PH Dn	73.3	2021-22
	<b>TOTAL</b>		<b>2592.50935</b>	

**e. (Rehabilitation/Improvement Works of Urban Water Supply Schemes)**

SI No	Name of Work	Division	AS Amount in Lakhs	AS year
1	State Plan-2019-20 – Supply of BHR 60 type, 45 MLD @ 27 mtrs head suitable for existing motor and delivery pumping main at raw water pump house in Head Works Aluva including erection and commissioning with existing 200 KW motor and controlling parameters	Aluva PH Dn	36.40	2019-20
2	EMWSS- Supply, Erection, testing and commissioning of 1 No 120Hp reputed make Centrifugal pumpset and motor for Pachalam pumping in Kalamassery old pumphouse	Kochi WS Dn	25.00	2020-21
3	UWSS to Malappuram- Supply and erection of Transformer for new clear water pump house	PH Division , Malappuram	32.00	2015-16
4	SAARK - WS Improvements to Thalassery Municipality and adjoining towns.	Project Division, Mattannur	4950.00	2009-2010
	<b>TOTAL</b>		<b>5043.40</b>	

**f. (Rural Water Supply Schemes)**

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	State Plan-2020-21-RWSS to Uzhamalakkal - Pipe line extension in various place in Uzhamalakkal panchayath	Aruvikkara HW Dn	25.40	2020-21
2	Comprehensive Water Supply Scheme to Parassala and Adjoining Villages and Marukil Maranalloor villages in Thiruvananthapuram District	Trivandrum Project Dn	13640.00	2008-29
3	Green Book-2017-18-Augmentation of RWSS to Aryad Panchayath-Construction of 3.5 LL capacity OHSr at komalapuram and Supplying and Laying of Clear water Pumping main and distribution lines and connected works in Aryad Panchayath	Alappuzha Project Dn	499.00	2016-17
4	WSS to Kavanur Village in Malappuram District- (Phase III)	Project Division, Malappuram	1080.00	2018-19
	<b>TOTAL</b>		<b>15244.40</b>	

**g. (Water Supply Scheme to Specified Institutions)**

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	State Plan 2020-21 -ARWSS to Veliyannoor and adj villages - Phase 3 - Extension of Pipe line in Pala Koothattukulam Road near K R Narayanan Hospital in Uzhavoor Panchayath	Kaduthuruthy PH Dn	4.20	2020-21
2	State Plan 2017-18-Improvement of WSS to specified Institutions -Medical College,Kottayam-Supplying and providing 150 mm2 ABC 3 core cable from Gandhinagar KSEB substation to WTP at Medical College, Kottayam for ensuring uninterrupted power supply to WTP, Medical College, Kottayam - 900 mts 2 Improvements of existing substation by providing stand by transformer facility (400 KVA) with yard expansion work at WTP Compound, Medical College, Kottayam 3 Renovation of WTP including reconditioning of clarifloculator, filter media & necessary improvement works for ensuring water quality by providing quality testing & monitoring facility. 4 Construction of new pump house, realignment of pump sets & connected renovation works 5 Renovation of totally damaged road by re-tarring / concreting work, constructiong compound wall , yard lighting work, fencing work etc.	Kottayam PH Dn	132.50	2017-18
3	Plan 2020-21- Providing water supply facilities to Govt .college at Vidyanagar Kasaragod and Civil station	PH Division Kasargod	31.00	2020-21
4	Pipe line Extension and Providing water connection to Central Prison and correctional home at Trikanapuram in Thavanur panchayath from DAWSS to Edappal and adjoining panchayaths	P. H Division, Edappal	18.00	2021-22
	<b>TOTAL</b>		<b>185.70</b>	

## h. (Optimisation of Production and Transmission)

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	RWSS to Ramankary - Replacement of pipes 110 mm HDPE line near Titanic bridge and extension from Vezhapra Kurishady to Vezhapra pally with 160mm HDPE pipe	Thiruvalla PH Dn	8.00	2015-16
2	Stateplan 2020-21 KWSS to Champakulam,kavalam,pulinkunnu supply,erection and commissioning of 3 nos 20HP submersible pumpset at pallikkuttummabooster pumphouse	Thiruvalla PH Dn	15.00	2020-21
3	State Plan 2020 - 21 - CWSS to Chavara & Panmana Panchayats (Jalanidhi Scheme) - Supply and fixing of new TOD meter (Class - 0.2S) with 10/ 5 CTPT unit in 11.5 MLD Water Treatment Plant at Sasthamcotta.	Kollam PH Dn	3.25	2020-21
4	STATE PLAN 2020 - 21 - RWSS to KS Puram - Supply and erection of new 12.5 HP Submersible pump set with all accessories at Sangappura Pump house in K S Puram Panchayat.	Kollam PH Dn	3.00	2020-21
5	STATE PLAN 2020-21 - CWSS to Alappad, Clappana, Karunagappally and Oachira - Supply and fixing New Chlorinator (feeding 0 - 10 Kg/hr) - 2 Nos. at WTP, Oachira and Booster station (feeding 0 - 10 Kg/ hr - with 100 Kg Cylinder - 2 Nos.)	Kollam PH Dn	7.50	2020-21
6	STATE PLAN 2020-21 - RWSS to Alappad - Supply of 10 HP submersible pump set as standby for Azheekal North pump house.	Kollam PH Dn	2.54	2020-21
7	State Plan 2020 - 21 - RWSS to Thevalakkara - Supply and Erection of 7.5 HP Submersible pump set (Replacement and standby) in Thozhilalimukku Pump House in Thevalakkara Panchayat.	Kollam PH Dn	1.90	2020-21
8	State plan - 2020 - 21 - RWSS to Thodiyoor- Supply and erection of 10 HP submersible pump set (Replacement and standby) in Thodiyoor Driver Jn Pump House in Thodiyoor Panchayat.	Kollam PH Dn	2.54	2020-21
9	STATE PALN 2019 - Supplying & fixing 5HP Sludge pump to 11.5 MLD WTP at Sasthamcotta	Kollam PH Dn	1.17	2019-20
10	State Plan 2020-2021-(Optimization of Production and Transmission)- Supply and erection of 250 HP VT pump set at New Raw water Pump house in Sasthamcotta	Kollam PH Dn	48.38	2020-21
11	KIIFB Augmentation of Water supply scheme to Kollam Corporation - WSS to Kottamkara Panchayath - Laying 400mm DI pipes at KIIFB road from Uppootil Junction to near Peroor temple at Karikode - Thahamukku road ( Ch 0/000 to 2/325 - stretch 03) for a length of 550m in connection with laying of pumping main from Vasoorchira to 10 LL OHSR at Mekhone	Kollam Project Dn	51.86	2019-20
12	"CARWSS to Kulathupuzha and Adjoining Villages-Phasell and Phasell Revised "	Kollam Project Dn	410.00	2017-18

13	State Plan 2020-21 - ARWSS to Pathanapuram and Piravanthoor Panchayats- Supply and erection of new submersible pump set at Kuriottumala Plant in Piravanthoor Panchayat	Kottarakkara PH Dn	2.11	2020-21
14	Name of work:-STATE PLAN 2021-2022- RWSS to Punukkannoor - Supplying and erection and Commissioning of 20 HP Open Well Submersible Pumpset at Punukkannoor old Pump house	Kottarakkara PH Dn	4.05	2021-22
15	Name of work:-STATE PLAN 2021-2022- RWSS to Kareepra-Supplying and erection and Trail running of 60 HP C/F Pump set at Clear water Pump house Kareepra	Kottarakkara PH Dn	11.48	2021-22
16	STATE PLAN 2020 2021 RWSS to Maravancodu Supply and erection of of brand new submersible pumpset capable of 350 lpm discharge against a total head of 100m in Maravancodu Pump House Veliyam GP	Kottarakkara PH Dn	3.80	2020-21
17	State Plan. Piravanthoor Pt.RWSS to Clavodu-Supply and erection of new 10 HP submersible pumpset.	Kottarakkara PH Dn	2.11	2020-21
18	State plan . Piravanthoor Pt. ARWSS to Kadakkamon-Supply and erection of new 15 HP sumersible pumpset	Kottarakkara PH Dn	2.90	2020-21
19	State plan 2021-22 ARWSS To Pattazhy and Pattazhy vadakkekara pts, Supply and installation of 30 HP open well submerssible pump set at Pattazhy scheme	Kottarakkara PH Dn	4.00	2021-22
20	RWSS to Punukkannoor- Supplying and erection of 20 HP submersible pumpset at Punukkannoor old pump house	Kottarakkara PH Dn	4.05	2021-22
21	State plan 2021-22 ARWSS To Pattazhy and Pattazhy vadakkekara pts, Supply and installation of 30 HP open well submerssible pump set at kaduvathodu pump house.	Kottarakkara PH Dn	5.00	2021-22
22	State Plan (2020-21) – UWSS to Punalur Municipality – Raw water pump house – Supply and erection of new 125 HP vertical turbine pump set and allied work	Kottarakkara PH Dn	29.00	2020-21
23	State Plan.Thenmala Pt. RWSS to Urukunnu-Supply and erection of new 20 HP submersible pumpset and allied works.	Kottarakkara PH Dn	3.80	2020-21
24	State plan. RWSS to Achenkovil-Aryanakavu Pt. Supply and erection of new 25 HP submersible pumpset and allied works	Kottarakkara PH Dn	4.80	2020-21
25	ARWSS to Veliyannoor and adjoining villages - Supply, erection and commissioning of 30 HP centrifugal pumpset for Muthukulamala Boosting Station	Kaduthuruthy PH Dn	6.21	2020-21
26	ARWSS to Veliyannoor and adjoining vllages- Supply, erection and commissioning of 75HP centrifugal pumpset for Muthukulammala boosting station and allied works	Kaduthuruthy PH Dn	14.34	2020-21
27	State Plan - 2020-21- ARWSS to Elakadu Kurichithanam - Supply, erection and commissioning of 20 HP centrifugal pumpset for Kunnukumpara sump cum pump house	Kaduthuruthy PH Dn	5.54	2020-21
28	State Plan 2020-21- ARWSS to Elakadu Kurichithanam - Supply, erection and commissioning of 30 HP centrifugal pumpset for Palakkattumala sump cum pump house	Kaduthuruthy PH Dn	6.48	2020-21

29	ARWSS to Kallara Panchayath - Replacement of old damaged 200mm AC pipe with 200mm (1402m) 250 mm (500M) DI pipe in Puthenpally Jn to Ethakuzhy Jn in Kallara Pt.	Kaduthuruthy PH Dn	110.00	2019-20
30	WSS to Kumaranalloor - Replacing old and damaged 300mm AC Gravity main with 300mm DIK9 from Incherikkunnu to OH Tank at SH Mount (2700m)	Kottayam PH Dn	253.00	2018-19
31	STATE PLAN 2020-21 - ARWSS to Ayarkunnam, Kooroppada & Pampady- Supply and Erection of Centrifugal pumpset having duty conditions, Discharge of 30 lps and total head 145 m in Vazhepparambu pump house Ayarkunnam	Kottayam PH Dn	25.00	2020-21
32	State plan 2019-20 KSP WSS to Panachikadu- Replacing old and damaged 160 mm PVC(4KG/CM2 -GSB Filling Kuzhimattom Church Jn to Nellikkal	Kottayam PH Dn	73.00	2019-20
33	WSS to panachikkau Replacing old and damaged 160mm PVC (4kg/cm2) pipe line from Nellikkal Jn. to Kuzhimattom Church junction using 160mm PVC (6KG/CM2) pipes	Kottayam PH Dn	73.00	2019-20
34	STATE PLAN-2019-20 ARWSS TO PULIYANOOR MEENACHIL AND AKALAKUNNAM VILLAGES - REPLACEMENT OF PUMP SET, SUPPLY, ERECTION AND COMMISSIONING OF 50HP, CENTRIFUGAL MULTI STAGE PUMP SET TO MALAYIRUTHY TANK FROM MUTHOLY WTP	Kottayam PH Dn	8.70	2019-20
35	STATE PLAN 2020-21 - ARWSS to Puthuppally- Supply, Erection and Commissioning of CF pumpset having duty conditions, discharge 15 lps and total head 150m and fabricatory of MS pipe at Thalappady Pump House	Kottayam PH Dn	6.00	2020-21
36	RWSS to Ranni Pazhavangady and Vadasserikkara - Supply Erection and Commissioning of New Chlorine Dosing Unit at Anapparamala Treatment Plant	Pathanamthitta PH Dn	4.00	2018-19
37	State Plan 2020-21 - RWSS to Konni-Thazhom - Supplying and fitting gravity feed gas Chlorinator at Konni Thazhom plant	Pathanamthitta PH Dn	5.00	2020-21
38	State Plan 2020-21 - RWSS to Vallicodu Kodumon - Supplying and fitting gravity feed gas Chlorinator at Vallicodu WTP	Pathanamthitta PH Dn	5.00	2020-21
39	STATE PLAN 2018-19 - RWSS to Adichipuzha - Replacing old AC pumping main from Alimukku to Kakkamala with 150mm DI K9 pipe	Pathanamthitta PH Dn	8.00	2018-19
40	RWSS to Vechoochira - Supply, erection, commissioning of 50 HP CF pump set at Navodaya clear water pump house.	Pathanamthitta PH Dn	8.80	2019-20
41	State Plan -2020-21 - RWSS to Vechoochira - Supply, erection and commissioning of new 2 Kg/hr capacity gravity feed Gas Chlorinator at Navodaya WTP	Pathanamthitta PH Dn	4.00	2020-21
42	RWSS to Kadambanadu- Supplying and installing chloriator for 4 MLD capacity WTP at Malankavu	Pathanamthitta PH Dn	5.00	2020-21
43	CARWSS to Ranni, Pazhavangadi and Vadasserikara Panchayaths- Providing and fixing new FCMA soft starter at Puthuserimala booster Pump House	Pathanamthitta PH Dn	2.86	2020-21
44	RWSS to Champakulam, Kavalam and Pulinkunnu - Supply, erection and commissioning of 3Nos of 20HP submersible pump set at Pallikuttumma booster pump house.	Pathanamthitta PH Dn	15.00	2020-21

45	State Plan - 2016-RWSS to Puramattom - Vennikulam Replacement of the existing damaged 150mm CI pumping main from Paduthodu to Vennikulam using 150mm DIK9 pipe.- Pipe replacement in Paduthodu to Vennikulam	Thiruvalla PH Dn	7.25	2016-17
46	State Plan Proposal 2016-17- RWSS to Eraviperoor - Supply, erection and Commissioning of 40 HP C/F pumpset at Thottapuzha Booster pump house for pumping to Elanjimoodi GL Tank.	Thiruvalla PH Dn	7.00	2016-17
47	State plan 2018-19: RWSS to Puramattom ,Rwssto Ezhamattoor and RWSS to Koipuram -Replacing old and damaged 250mm,200mm, 160mm, 90mm, DI PVC and GI from Paduthodu to Pullad in Mallappally-Pullad road (17000)	Thiruvalla PH Dn	412.00	2018-19
48	RWSS to Paipadu - Replacement of old and damaged 110mm pumping main with 150mm DI K9 pipe from Paipadu boosting station to Kodurpally OH tank	Thiruvalla PH Dn	84.60	2017-18
49	State Plan Proposal 2016-17- RWSS to Perumpara - Supply, erection and Commissioning of 30 HP VT pumpset at Intake pump house at Shasthamkoikkal.	Thiruvalla PH Dn	6.50	2016-17
50	STATE PLAN-2016-17-RWSS -Rectification of leakage in the GLSR Pannikuzhy and Kanjirampara	Aruvikkara HW Dn	5.00	2016--17
51	STATE PLAN 2017-2018-Maintenance of SSF at Ponmudi	Aruvikkara HW Dn	6.00	2017-18
52	State plan 2020-21 - Procurement of New vertical Turbine Pump set ( slow speed 900-1600 RPM) at Thottavaram Pumphouse	Attingal WS Dn	11.15	2020-21
53	State plan-2019-20 RWSS to Palachira- Supply erection and commissioning of 20HP submersible pumpset at Palachira pump house having discharge of 10 lps and head 100M	Attingal WS Dn	4.13	2019-20
54	State Plan 2018 - 19 Replacing the old and damaged pipes - RWSS to Kizhuvilam - Replacing the existing old 80 mm dia AC pipe line with 110 mm pvc pipe line from Santhinagar to NES Block junction in Kizhuvilam GP.	Attingal WS Dn	25.37	2018-19
55	State Plan - 2019 - 20 ARWSS to Edakkodu ad adjoining villages - Extension of distribution main with 90 mm pvc 6 kg 2500 m to various wards of Andoorkonam GP	Attingal WS Dn	14.50	2019-20
56	State plan -2019-20 .RWSS to Sreenivasapuram . Supplying erecting testing and commissioning of 20 HP submersible pump at Sreenivasapuram pump house in Chemmaruthy panchayath	Attingal WS Dn	4.70	2019-20
57	State plan -2021-22 .RGNDWM to Thottumugham- . Supplying erecting testing and commissioning of 30 HP submersible pump at Thottumugham pump house in Edava panchayath	Attingal WS Dn	6.50	2021-22
58	State plan 2019-20 -RWSS to Anakuzhy- Supply erection commissioning of 15 HP Submersible pump set at Anakuzhy pump house in Chemmaruthy Panchayath	Attingal WS Dn	3.25	2019-20
59	RWSS to Sreenivasapuram - Supplying and erection testing and commissioning of 20 HP submersible pumpset at Sreenivasapuram pump house in Chemmaruthy Panchayath.	Attingal WS Dn	3.95	2019-20
60	ARWSS to Edakkodu and adjoining villages - Extension of distribution main with 90mm PVC 10kg, 2000m in various parts of Pothencodu grama Panchayaths	Attingal WS Dn	15.00	2019-20

61	Supplying, erecting, testing and commissioning of 20 HP submersible pump at Sreenivasapuram pump house	Attingal WS Dn	4.19	2020-21
62	State plan 2020-21 - Supply, erection and commissioning of 35 HP submersible pump set at Eerattil Pump house	Attingal WS Dn	6.59	2020-21
63	State plan-2019-20 RWSS to Karathala- Supply erection and commissioning of 15HP submersible pumpset at Karatahala pump house having discharge of 7.50lps and head 80M	Attingal WS Dn	3.15	2019-20
64	RWSS to Vennicodu- Supply, erection and commissioning of 20 HP Submersible pump set and connected electrical works at Venniyodu Pump house.	Attingal WS Dn	5.10	2021-22
65	CWSS to Manamboor and Ottoor -Supply, erection and commissioning of 20HP open well Submersible pump set and connected electrical works at Manamboor Pump house.	Attingal WS Dn	5.10	2021-22
66	State Plan 2018-19-CWSS to Amboori-replacing old damaged 200mm AC line using 200mm AC class distribution main with 200mm DI k9 pipe from Kallimoodu to Killiyoor in Vellarda Panchayth	Neyyattinkara WS Dn	110.90	2018-19
67	State plan 2018-19 RWSS to Aryancodu replacing old and damaged 200mm AC class 15 distribution main with 300mm DI K9 from Nedinjikkunnu GLSR to Mylachal road in Aryancodu Panchayath (425m)	Neyyattinkara WS Dn	25.39	2018-19
68	State plan 2018-19 RWSS to Parassala replacing old and damaged 80mm AC class 20 distribution line with 110mm pvc 6kg/cm2 from Thekkumkara temple to Alampara substation in Parassal panchayath (2000m)	Neyyattinkara WS Dn	40.71	2018-19
69	State plane fund -2018-2019 Rws TO PARASALA - REPLACING OLD AND DAMAGED 80MM AC CLASS 20 DISTRIBUTION LINE WITH 110MM PVC 6kg/cm2 from thekkumpara temple to alampara substation in parassala panchayath (2000m)	Neyyattinkara WS Dn	40.35	2019-20
70	RWSS to Poovar Karichal - Replacement of old and damaged (DM) 80mm AC pipe with 110 mm PVC (600m ) from Paranyam school Pattayakkala, Channelkkara	Neyyattinkara WS Dn	12.00	2019-20
71	JNNURM-Improvements to water supply scheme in Thiruvananthapuram Municipal Corporation and adjoining panchayaths-State Plan-2017-18-supplying,laying,testing and commissioning of PVC pipes-balance work for Nemom zone WP9 (Part II)	Trivandrum Project Dn	2038.10	2016-17
72	State Plan -2019-20 -CWSS to Kovalam Tourist area, Vizhinjam corporation area, Kalliyoor and Venganoor Panchayaths-Supply, erection and commissioning of 120 HP VT pump set- 1 no to the raw water pump house of 21.90 MLD WTP at Vellayani.	Trivandrum South PH Dn	27.00	2019-20
73	TWSS - Retarring and Resurfacing of WTP and PTP Subdivision premises	Trivandrum South PH Dn	33.20	2019-20
74	State Plan 2020-21-Supply, erection and commissioning of new 10 HP submersible pumpset at Manalayam	Trivandrum South PH Dn	2.25	2020-21
75	State Plan-2018-19-TWSS-Supply and erection of 200HP Pump set at Kundamankadavu Raw water pump house- for pumping to 13.5mld	Trivandrum South PH Dn	45.00	2018-19

76	Supply, erection and commissioning of 20 HP submersible pumpset in clear sump as back wash pump for back wash tank of 21.90 MLD WTP at Vellayani	Trivandrum South PH Dn	5.00	2020-21
77	Replacing the existing 100 mm AC pipe line from Pachalloor school junction by using 110 mm PVC pipe for a length of 2000m	Trivandrum South PH Dn	31.96	2020-21
78	Supply, erection and commissioning of new 10 HP submersible pumpset at Manalayar	Trivandrum South PH Dn	2.25	2020-21
79	State plan - 2020 - 21 UWSS to Chengannoor - Supply, Erection and Commissioning of 30 HP C/F pumpset at Malayil treatment plant	Alappuzha PH Dn	6.23	2020-21
80	State plan 2020 - 21 - RWSS to Noottavanpara - Supply, Erection and Commissioning of 12.5 HP submersible pumpset at Noottavanpara intake pump house.	Alappuzha PH Dn	2.73	2020-21
81	STATE PLAN 2019-20- Maintenance of EMWSS- Construction of operator's room including toilet for RWPH II at Head Works, Aluva.	Aluva PH Dn	5.00	2019-20
82	STATE PLAN 2019-20- Maintenance of EMWSS- Renovation of Lab at Head Works, Aluva.	Aluva PH Dn	5.00	2019-20
83	STATE PLAN -RWSS TO Edathala Panchayath- Supply and erection of 100HP -1 No - Centrifugal pumpset at Kombara pump house	Aluva PH Dn	17.00	2019-20
84	STATE PLAN 2019-20-RWSS to Choornikkara - Extension of distribution main with 90mm PVC 6Kg, 396m(Vrindavan road in Ward 16, Parekkattu road in Ward 14 and Jawahar road in Ward 14 and Plavida road and Njakida road in Ward 10 of Choornikkara Panchayath.	Aluva PH Dn	3.00	2019-20
85	STATE PLAN-2018-19-Supply of spare 2250 Alstom Co make VCB intrumtters, buffer bushing OV, UV protection relays, 11 KV/110 V potential transformers and associated control parameters for reconditioning the 11 KV and 3.3KV VCB operated DB panel including renovation of VCB panels at Sub Station No. II at HW Aluva	Aluva PH Dn	27.00	2018-19
86	STATE PLAN-2019-20 RWSS to Nedumbassery, Chengamanad, Kunnuvara, Parakkadavu Panchayaths - Providing capacitor panels, starters and allied works for Moozhiyal and Moozhikkulam Pump House	Aluva PH Dn	5.50	2019-20
87	STATE PLAN-2019-20-WSS to Chowara - 13.5 MLD Water treatment Plant at Chowara - Replacement of old 150mm GI pipe with 250mm DI pipe at Chowara Head Works compound	Aluva PH Dn	6.00	2019-20
88	STATE PLAN-2019-20-WSS to Chowara and Augumentation of water supply to Paravur Municipality and adjoining Panchayaths - Reconditioning of chemical mixing and feeding system and providing flash mixer and agitating unit in 13.5 MLD plant and the reconditioning of Alum and lime mixing motors and tank in 63 MLD Plant Chowara.	Aluva PH Dn	10.00	2019-20
89	State Plan 2021-22 -EMWSS- Supply erection ,testing and commissioning of 0-15kg/hr capacity vaccum feed floor mounted cabinet type gas chlorinator at Head works Aluva	Aluva PH Dn	7.00	2021-22

90	State Plan 2021-22 EMWSS- Removing filter media and repacking with anthracite dual media and in bed no.8 at plant No.3Head works Aluva	Aluva PH Dn	44.20	2021-22
91	State plan 2021-22- Optimization of production and transmission/Renovation of WTP CRWSS to Kanjoor and Sreemoolanagaram Panchayath and Augumentation of water supply to Paravur Municipality and 10 adjoining panchayath -procurement of laboratory equipments such as pH meter , turbidity meter, electronic balance etc. Chowara	Aluva PH Dn	1.10	2021-22
92	Stateplan 2021-22 EMWSS- Renovation of raw water pump house No.I at Head works Aluva	Aluva PH Dn	10.00	2021-22
93	Stateplan 2021-22 EMWSS-Supply and erection of 200Ah 2v batteries 125 Nos. and one charger at 11 KV & 110 KV Substations at HW Aluva	Aluva PH Dn	15.80	2021-22
94	Stateplan 2021-22 EMWSS-Supply of safety equipments f.or man and machines at HW ,Aluva	Aluva PH Dn	6.00	2021-22
95	STATE PLAN 2019-20- Replacing damaged 300mm MS header pipes of clear water pumping main at WTP Angamaly.	Aluva PH Dn	3.00	2019-20
96	STATE PLAN 2019-20-RWSS to Ayyampuzha - Supply and erection of 1 No. 20 HP centrifugal pump set at Thanicodu pump house and 1 No. 40 HP at Uppukal pump house.	Aluva PH Dn	10.68	2019-20
97	STATE PLAN 2019-20-RWSS to Karukutty - Supply and erection of 25 HP centrifugal pump set at Karukutty pump house.	Aluva PH Dn	4.50	2019-20
98	STATE PLAN 2020-21-RWSS to Thabore- Supply and erection and commissioning of 40 HP VT Pump unit at Thabore Pump House	Aluva PH Dn	10.00	2020-21
99	STATE PLAN 2020-21-UWSS to Angamali - Replacement of 100 mm AC pipe - 1000 m with 110 mm PVC pipe at Greenvally road Kallupalam	Aluva PH Dn	8.00	2020-21
100	STATE PLAN 2020-21-UWSS to Angamali - Replacement of 100 mm AC pipe - 1000 m with 110 mm PVC pipe at Kothakulangara	Aluva PH Dn	8.00	2020-21
101	STATE PLAN- 2018-19 RWSS to Ayyampuzha -Supply, erection, Testing and commissioning of 1 no. 40 Hp VT pump set at Neeleeswaram pump house for Ayyampuzha scheme	Aluva PH Dn	9.50	2018-19
102	Maintenance of EMWSS- Rehabilitation of office building, H.W.Aluva	Aluva PH Dn	9.00	2019-20
103	STATE PLAN-2018-19-RWSS to Manjapra - Supply, erection, testing and commisisoning of 1 No. 40 HP VT pumpset at Neeleeswaram PH for Manjapra Scheme	Aluva PH Dn	9.50	2018-19
104	State plan- Rehabilitation /Improvement works of urban water supply scheme -UWSS to Angamaly-Supply , testing and refilling of 10.nos. of 100 kg chlorine cylinders	Aluva PH Dn	4.00	2021-22
105	STATE PLAN- 2018-19-WSS to Vadakkekara & Chittattukara - Supply and erretion 15HP centrifugal motor pump set at WTP at Elanthikkara Pump House	Aluva PH Dn	3.90	2018-19
106	STATE PLAN-2019-20 RWSS to Koovappady - Supply and erection of 1 No. centrifugal pumpset having 35 lps discharge and 90meter head at Cheranalloor Treatment Plant in Koovappady Panchayath.	Aluva PH Dn	11.00	2019-20

107	State Plan 2020-21-Rectification of faulty flowmeter at RWPH Pazhoor and replacement of flowmeter for aerator channel at WTP, Maradu	Kochi Project Division	1.71	2020-21
108	State Plan 2020-21-Replacement of Faulty Flowmeters 85-250VAC, 12VA, 50-60-Hz of Maradu, Thammanm, Thevara, and Kumbalanghy and replacing of Water line pressure gauge 3 nos.	Kochi Project Division	3.92	2020-21
109	State Plan 2019-20 RWSS to Kottappady Supplying and erection of 40HP VT Pump set Pezhad	Muvattupuzha PH Dn	9.00	2019-20
110	State Plan 2019-20 UWSS to Muvattupuzha and RWSS to Arakuzha-Replacing old and damaged distribution main (125mm, 150mm and 160mm (AC CL-10 and PVC 4kg with 160mm PVC 10kg at Muvattupuzha Municipality and Pandappilly	Muvattupuzha PH Dn	150.00	2019-20
111	State Plan 2019-20 RWSS to Amballur edakkattuvayal and Udayamperoor part Panchayaths supply and erection of VT pumpset (100HP)	Muvattupuzha PH Dn	17.60	2019-20
112	UWSS to Koothattukulam - Replacement of 250mm MS/CI pumping main - 120 m with 250 mm DI K9 pipe at Pandappally, Chanappadam and Tholanikunnel thazham near Palakuzha between Arakuzha and Koothattukulam	Muvattupuzha PH Dn	10.00	2020-21
113	STATE PLAN 2020-21- ARP-CARWSS to Vellathooval Panchayth- Supply, Erection and Commissioning of 3nos Raw Water VT pump sets having Discharge : 67.60 LPS when two pumps parallaly operated against a total head of 155 m at Raw water Pump House Ellackal	Kattappana Project Dn	68.00	2020-21
114	State Plan- 2020-21-Renovation of water treatment plant WTP Plastering and painting of Vandiperiyar WTP	Thodupuzha PH Dn	4.95	2020-21
115	State plan-2019-2020-Optimisation of Production and Transmission (Energy conservation) 2019-20- CARWSS TO ELAPPARA and adjoining villages-Overhauling and reconditioning of pump set and starters &rewinding of motors	Thodupuzha PH Dn	31.99	2019-20
116	State Plan- 2021-22 Optimisation of Production & Transmission - Renovation of WTP- CARWSS to Alakode and adjoin. Villages- Supply, installation, testing & Commissioning of wall mounted gravity feed Chlorinator to 14 MLD Thalanadu WTP	Thodupuzha PH Dn	2.22	2021-22
117	State Plan- 2021-22 Optimisation of Production & Transmission - Renovation of WTP- CARWSS to Elappara and adjoining villages Supply of new Chlorinator unit for 9.5MLD WTP	Thodupuzha PH Dn	2.42	2021-22
118	State Plan 2020-21-CWSS to Chalakudy- Pipe line replacement of 100mm and 150mm AC pipe with 110mm and 160mm PVC pipe at Church, Vettukadavu, Malakkaran Road in Chalakudy Municipality	Irinjalakkuda PH Dn	25.00	2020-21
119	State Plan- 2021-22 - CWSS to Methala , Eriyad , Edavilangu and Kadukutty Panchayaths- Supply and erection of 30HP centrifugal pump set at Kurinjipuram Pump house at Eriyad Panchayath)	Irinjalakkuda PH Dn	6.00	2021-22
120	State Plan 2021-22-CWSS to Nattika Firka- Supply, erection, testing and commissioning of gravity feed Chlorinator having a capacity of 2.50kg/hr at 20 MLD WTP at Vellani	Irinjalakkuda PH Dn	2.50	2021-22

121	State plan- Replacing the damaged 250 mm AC pumping main with 350 mm DI K9 pipes from Illikkal pump house to Chazhur plant	Irinjalakkuda PH Dn	390.00	2015-16
122	STATE PLAN 2020-21 - NRDWP - Aug of Thrikkur & Kallur villages -Mace of Clariflocculators and electricals work, replacment and supply of lab equipments	Irinjalakkuda PH Dn	5.00	2020-21
123	STATE PLAN 2020-21 - RWSS to Pudukkad - Relaying damaged pipe line at Kanjoor - Vismaya Nagar in Pudukkad Grama Panchayath	Irinjalakkuda PH Dn	2.00	2020-21
124	AUWSP Chelakkara CT - 70 HP VT Pump set (2 nos.) at Thozhupadam pumphouse in Panjal gramapanchayath	Thrissur PH Dn	31.00	2018-19
125	State Plan 2019-20 RWSS to Peechi - Vilangannur - Chennaipara - Extension of distribution line with 75mm PVC 6 kg, 2000m from Karippakunnu to Emmattyparambu in Pananchery Panchayath	Thrissur PH Dn	15.00	2019-20
126	State Plan-2019-20-RWSS to Mayannur - Supply, erection & commissioning of (1no.) Borewell submersible motor pumpset having discharge 13lps against a head of 75 m (submersible motor pmp set - 20 HP) with allied electrical installations at Mayannur pump house in Kondazhy Gramapanchayath.	Thrissur PH Dn	5.00	2019-20
127	State plan 2019-20-ARWSS to Chiranellur in Choondal Panchayath - Supplying 2 nos 25 H.P borewell submersible motor with accessories	Thrissur PH Dn	11.50	2019-20
128	State plan 2019-20 - Thrissur Water Supply Scheme - Supply, erection, testing and commissioning of Centrifugal Pump Set having discharge of 30 lps against a total head of 22 m, suction head 5m, speed 1450rpm with allied electrical installation at WTP Peechi.	Thrissur PH Dn	3.50	2019-20
129	State plan- TWSS Peechi head works - Renovation of 14.50 mld and 36 mld at peechi - providing GS roofing to booster pumping station	Thrissur PH Dn	10.00	2021-22
130	State plan-2017-2018 -TWSS- Renovation of aerator , clarifloculator,lift for chemical conveyance etc repairing hand rails, necessary valve arrangements at 36 mld WTP at peechi	Thrissur PH Dn	30.00	2017-18
131	State Plan 2017-18 RWSS to Adat - Replacing 150mm GI pipe line with 160mm PVC pipe from Puranattukara KSEB office to Devithara & 100 mm AC pipe line with 110 mm PVC from Adat to chettikunnu (1200m)	Thrissur PH Dn	10.00	2017-18
132	Inter connection - WSS to Chengala, Muliya, Madhur, Mogral - Puthur panchayaths in Kasargod district - Tank connection arrangements	Project Division, Kannur	70.00	2020-21
133	ARWSS to Thirunelly - Replacing old and damaged PM 150mm GI using 150mm DI K9 pipe from GL sump at Karthikulam to Anappara (4860m)	Sulthan Bathery	188.00	2018-19
134	RWSS to Muttill - Replacing old and damaged 80mm AC(3000m) distribution line with 90mmPVC (3000m) and 80mmGI (36m)at Karikannikkunnu, Theneri area in Muttill Grama panchayat.	Sulthan Bathery	18.00	2019-20
135	RWSS to Kayanna- Replacement of Distribution line to Kayanna- Mottanthara road	Vatakara	37.00	2021-22
136	WSS to Kunnummal and Adjoining villages - Supply,erection testing and commissioning of 630KVA indoor transformer and accessories at Kuttiady	Vatakara	21.00	2019-20

137	UWSS to Ponnani- Replacing 90mm PVC pipes to 160 mm HDPE/PVC crossing canoli canal at Kadavanad area(24m of 150mm PVC pipe within 20 m of 200 mm CI casing pipe and replacing 40 m of existing 90 mm PVC pipe with 160 mm PVC pipe.)	Edappal	9.80	2019-20
138	WSS to Ambalavayal by laying distribution line from ARWSS to Krishnagiri, Purakkady and Ambalavayal villages	Project Division, Kozhikode	500.00	2017-18
139	CWSS to Pulpally and Mullankolly - Replacing damaged and obsolete Electrical installations of Clear water pumping station no. 2 at WTP, Kabanigiri	Sulthan Bathery	10.00	2017-18
140	CWSS to Thiruvalli and adj. villages-Electromechanical Works.	Project Division, Malappuram	200.00	2017-18
141	a) ARWSS to Thirunelly - Supplying Transformer 250 KVA, 11 KV/433 V Out door Copper wound oil filled etc., Erection, Testing & Commissioning of Transformer and allied works ( fencing, panel board work, cabling etc for new transformer at CWPB at Kartikulam) b) ARWSS to Thirunelly - Supplying Transformer - 200 KVA, 11 KV/433 V Out door Copper wound oil filled etc. Erection, Testing & Commissioning of Transformer and allied works ( fencing, panel board work, cabling etc for new transformer at RWPB at Palvelichem)	Sulthan Bathery	45.00	2019-20
142	RWSS to Pinangode - Supplying and fixing 30 HP submersible pumpset	Sulthan Bathery	6.00	2020-21
143	Supplying and fixing 30 HP submersible pumpset at Moopainad pumphouse	Sulthan Bathery	6.00	2020-21
144	Supply, Erection & Commissioning of 120HP Pumpset at Gudalai sump booster station	Sulthan Bathery	26.50	2020-21
145	RWSS to Dharmakkunnu, Nedumbrakunnu in Meppayyur Panchayat - Supply and erection of 12.5 HP open well type Sub. Pump set as Standby	Vatakara	2.80	2020-21
146	WSS to Onchiam Chorode, Villiapally villages-Supply and installation of 50 HP Centrifugal Pump and urgent electrical work	Vatakara	10.00	2020-21
147	RWSS to Madappally-Supply and erection of 10 HP CF pumpset at Madappally pump house	Vatakara	3.00	2020-21
148	RWSS to Mukkam -Installing new pump set	Kozhikode	5.50	2020-21
149	RWSS to Kodyathur - Installing new pump set	Kozhikode	5.50	2020-21
150	RWSS to Thiruvambadi - Installing new pump set	Kozhikode	5.50	2020-21
151	UWSS to Ponnani & ARWSS to Ezhivathiruthy and adj. pts. - Replacing old 150HP CF pumpset with 200 HP pumpset at Chamravattam Booster Station	Edappal	109.56	2019-20
152	WSS to Kannamangalam Pts. - Supply and erection of 25 HP Centrifugal clear water pump set	Malappuram	4.00	2019-20

153	Padinjattum padam-Supply and Installation of 15 HP Open Well Submersible Pump set at Muttikadavu pump house	Malappuram	3.20	2020-21
154	ARWSS to Edakkara - Supply, erection, testing and commissioning of 30HP submersible pumpset-1No at Katatdikadavu pump house	Malappuram	6.40	2020-21
155	WSS to Malappuram 100 HP Centrifugal pump set.-1 No	Malappuram	12.00	2020-21
156	UWSS to Nilambur- Supply and erection of 50HP Centrifugal Pump Set at Clear Water Pump House Nilambur.	Malappuram	9.70	2020-21
157	RWSS to Pudukkottai - Supply and erection of 1 no. CF motor pump set 230 HP.	Palakkad	63.10	2019-20
158	Plan Proposal 2017-18- ARWSS to Badiadka and Neerchal villages- Renovation of existing slow sand filter at Kundarmoola	PH Division Kasargod	10.00	2017-18
159	ARWSS to Kannamangalam pt: - Supplying, erection and commissioning of suitable type gravity feed Chlorinator for 4 MLD WTP at Vengara.	Malappuram	2.03	2020-21
160	CRWSS to Tirurangadi/Parappanangadi/Vallikkunnu pts: - Supplying, erection and commissioning of suitable type gravity feed Chlorinator for 3.6 MLD WTP at Tirurangadi	Malappuram	2.37	2020-21
161	RWSS to Kayanna- Replacement of Distribution line to Kayanna- Mottanthara road	Vatakara	37.00	2021-22
162	WSS to Irikkur and adjoining Villages Zone III - Supplying and erecting 35 HP Submersible pumpset with all accessories	Thaliparamba	6.10	2020-21
163	RWSS to Payyavoor - Supplying and erecting 15HP open well type submersible Pumpset with all accessories	Thaliparamba	2.70	2020-21
164	RWSS to Chembery and Ambazhathumchal-Supplying and erecting 25HP open well type submersible Pumpset with all accessories	Thaliparamba	4.40	2020-21
165	WSS to naval Academy Ezhimala - Supply and erection of 100HP VT pumpset at Intake well at Kakkadvu	Thaliparamba	22.00	2020-21
166	WSS to naval Academy Ezhimala - Supply and erection of 100HP Centrifugal pumpset at booster station at Amathala	Thaliparamba	24.00	2020-21
167	Renovation of pump house of RWSS to Payyanur for facilitating as revenue collection center and meter testing unit	Thaliparamba	5.00	2020-21
168	JICA assisted water supply project to Pattuvam and adjoining Villages-Maintenance of intake well cum Pump house at Kuyiloor-Supply and fitting 3KVA online UPS and 40AH, 12V Battery 8 Nos.	Thaliparamba	1.12	2021-22
169	JICA assisted WSS to Pattuvam and adjoining villages-Maintenance of 90 MLD WTP at Peruvalathuparamba-Supply & delivery of 930 kg. capacity Chlorine Tonner (3Nos) to WTP at Peruvalathuparamba	Thaliparamba	7.40	2021-22

170	JICA assisted WSS to Pattuvam and adjoining villages- Maintenance of 90 MLD WTP at Peruvalathuparamba- Cleaning of Chlorine contact Tank & treated water tank at WTP Peruvalathuparamba	Thaliparamba	1.20	2021-22
171	WSS to Payyannur municipality - Providing Distribution Line in Kandankali PHC east road- & Kunnathumana colony road	Thaliparamba	13.00	2020-21
172	WSS to Anjarakandy, Peralassery & adjoining panchayats - Extension of distribution line with PVC 8Kg, 160mm - 22m, 110mm - 1300m, 90mm - 2000 m in Mowanchery and Chakarakkal town and branch roads in Munderi Panchayat and Chembilode Panchayat	W.S. Division, Kannur	31.00	2019-20
173	RWSS to Thrippangottur - Resetting with new panel board for pump - I	W.S. Division, Kannur	2.00	2019-20
174	WSS to Kolachery - Replacement of Clarifier Bridge structure in Kolachery WSS	W.S. Division, Kannur	6.60	2019-20
175	KOLACHERY WATER SUPPLY SCHEME - Providing 120HP VT pump sets (2nos.) for Intake well at Veliyambra	W.S. Division, Kannur	47.00	2018-19
176	KWSS - Replacing of HT Panel Board In Raw Water Pump House & Booster Station at Veliyambra	W.S. Division, Kannur	62.00	2018-19
177	ARWSS to Keezhur & Chavassery - Replacement of 200 mm AC gravity main - 190 m with 200 mm DI K9 pipe in old road in Keezhur-Koolichembra	W.S. Division, Kannur	8.00	2020-21
178	Kolachery WSS - Replacement of damaged 75mm PVC /6kg pipe from Kariyilmoola to Cheeranmukku junction in Edayannur -Kanad road with 75mm PVC 8kg/cm2 for a length of 1350m	W.S. Division, Kannur	10.00	2020-21
179	ARWSS to Keezhur & Chavassery -Replacement of 250 mm AC gravity main with 250 mm DI pipe - 600 m in old road from Punnad to Keezhurkunnu	W.S. Division, Kannur	30.00	2020-21
180	NABARD assisted water supply scheme to Edakkad- 2 Nos 70HP Pumpset - Improvement of discharge by changing Impellers	W.S. Division, Kannur	5.00	2020-21
181	Kolachery WSS -Supply of Soft Starter for 120 HP VT Pumpset motor ( 2 Nos)in Booster Station	W.S. Division, Kannur	6.40	2020-21
182	RWSS to Kariyad- Supply and erection of 7.5HP submersible pumpset	W.S. Division, Kannur	1.60	2020-21
183	RWSS to Vayalam Parssikunnu- Supply and erection of 20 HP submersible pumpset and all accessories	W.S. Division, Kannur	3.90	2020-21
184	ARWSS to Kodiyeeri Zone I Kommal vayal- supply and erection of 20 HP submersible pumpset and all accessories	W.S. Division, Kannur	3.90	2020-21
185	ARWSS to Kodiyeeri Zone II Kommal vayal- supply and erection of 20 HP submersible pumpset and all accessories	W.S. Division, Kannur	3.90	2020-21
186	RWSS to Ajanur - Replacing old and damaged DL 80mm AC pipe using 90mm PVC 6kg/cm2 at Mavungal Anandsram and surrounding area (1300m)	Kasargod	11.00	2018-19

187	WSS to Thirunelli-supply & installation of 11KV OH Line (100m) for the installation of KVA Transformer	Sulthan Bathery	4.00	2020-21
188	RWSS to Vaniyamkulam Grama Panchayath - Supply and erection of 95HP centrifugal motor pump set 2 nos (1 no standby) with 50.81 lps discharge & 85.00 m total head.	Shornur	49.00	2019-20
189	RWSS to Vaniyamkulam Grama Panchayath - Replacing old 250 mm AC pumping main with new 350mm DI pipe from Koonathara sump to Vellarampara GLSR (4300 m)	Shornur	288.00	2019-20
190	CWSS to Anakkara, Pattithara and Kappur Panchayath - Replacing old and damaged DM AC-150mm,100mm & 80mm, PVC – 63mm,50mm using DI-K9 – 250mm-1545, 200mm -2060, PVC 160mm- 20, 140mm -1200, 110mm - 90, 90mm -1040, 150mm GI-6, 125mm GI-120, 100mm GI - 18, 80mm GI -114 (Total 6213m) Mukkotta jn to Chirattakkunnu, Kumbidi High school to Union shed Road - Anakkara panchayath.	Shornur	300.00	2018-19
191	RWSS to Vaniyamkulam Grama Panchayath - Replacing old and damaged 200mm AC class10 gravity main with 350mm DI K9 pipe from Kulappully to Koonathara (3200m)	Shornur	216.00	2019-20
	<b>TOTAL</b>		<b>8042.44</b>	

#### i. (Source Improvement and Water Conservation)

SI No.	Name of Work	Division	AS Amount in Lakhs	AS year
1	STATE PLAN-2018-2019-Reservoir Protection works-fencing stone pitching and placing of signboards covering reservoir catchment area-Aruvikkara Dam	Aruvikkara HW Dn	79.31	2018-19
2	State Plan-2020-21-TWSS - Overhauling of hoisting mechanism of Peppara Dam	Aruvikkara HW Dn	3.90	2020-21
3	State Plan- 2018-19-CARWSS to Ranni Pazhavangadi and Vadasserikkara- Providing leading pipes to intake well	Pathanamthitta PH Dn	8.30	2018-19
4	State Plan-2018-19 - ARWSS to Ranni Pazhavangadi and Vadasserikkara- Supply erection and commissioning of new chlorine dosing unit at Anapparamala TP.	Pathanamthitta PH Dn	4.00	2018-19
5	State Plan 2020-21 - CARWSS to Vellathooval panchayath-source protection works at Ellackal	Kattappana Project Dn	26.20	2020-21
6	State plan 2021-22- SI-Flushing of existing Bore well (outside of Pump house) in chiranellur Pump House.	Thrissur PH Dn	1.30	2021-22
7	State Plan 2018-19- Drilling of bore well and supply and erection of submersible pump set- various schemes under WSP Section,Kasaragod.	PH Division Kasargod	15.00	2018-19
8	Providing and fixing tank Water level indicator, for TB tank, Emily tank, Goodalai tank	Sulthan Bathery	1.00	2020-21
9	Providing and fixing tank Water level indicator, for St Mary's OH tank	Sulthan Bathery	1.00	2020-21

10	RWSS to Mandad- Cleaning of Well, Leading Channel and Infiltration Gallery at Kumbalad river	Sulthan Bathery	1.20	2020-21
11	RWSS to Vythiry - Cleaning of Well, Leading Channel and Infiltration Gallery at Vythiry	Sulthan Bathery	1.85	2020-21
12	RWSS to Pinangode - Cleaning of Well, Leading Channel and Infiltration Gallery at Pinangode river	Sulthan Bathery	1.50	2020-21
13	RWSS to Chundale - Cleaning of Well	Sulthan Bathery	0.50	2020-21
	TOTAL		145.06	

### Annexure 3

#### NABARD Ongoing Schemes 2021-2022 - Rural (Schemes in Operation, under Execution/Construction)

SI No	Name of District	Name of DIVISION	RIDF TRANCHE	Name of Work	AS Amount lakhs	Population
1	Idukki	Proj. Dn. Kattapana	XXII	WSS to Valiyamattom & Alakkode Villages	558.63	23070
2	Kannur	Proj. Dn. Kannur	XXIII	WSS to Kottiyor, Kelakam & Kanichar in Iritty Taluk (Phase -1)	3525	58150
3	Palakkad	Proj. Dn. Palakkad	XXIII	Comprehensive Water Supply Scheme (CWSS) to Agali & adjoining Panchayaths in Mannar Taluk.	2500	84813
4	Pathanam thitta	Proj. Dn. Adoor	XXIV	WSS to Seethathode Panchayath & Nilackal Plappally area in perinat Pt.- Phase II	12000	17320+2.2 lakh floating
5	Idukki	Proj. Dn. Kattappana	XXIV	CRWSS to Nedumbram, Niranam, Kadapra & Peringara Pt. Laying Distrbn in Niranam & Kadapra Pt.	2000	21640
6	Kottayam	Pro. Dn. Kottayam	XXIV	WSS to Erumeli- Laying Distribution in Zone I & Zone VI	1260	11621+80000 Pilgrims
7	Thiruvananthapuram	Pro. Dn. Thiruvananthapuram	XXV	CWSS to Vithura and Tholicode Villages- Phase II	3150	60014
9	Thiruvananthapuram	Pro. Dn. Thiruvananthapuram	XXV	WSS to Poovar Panchayath	1475	116801
9	Kollam	Pro. Dn. Kollam	XXV	WSS to Kulakkada Panchayath	2931.98	68561
10	Idukki	Pro. Dn. Adoor	XXVI	WSS to Muttam, Karimkunnamm and Kudayathoor Panchayaths	6114	37209
11	Kollam	Pro. Dn. Kollam	XXVI	WSS to Melila Panchayaths	1041.10	23599
12	Kannur	Pro. Dn. Kannur	XXVII	Water supply scheme to Mangattidam Zone III in Mangattidam Panchayath of Thalassery tauk in Kannur distrtict	1366.65	10741
13	Kollam	Pro. Dn. Kollam	XXVII	NABARD RIDF-XXVII, WSS to Kunnathur, Poruvazhy and Sooranad North Pts. of Kunnathur Taluk and Thazhava, Thodiyur and Kulasekharapuram Pts. of Karunagapally Taluk in Kollam District	6530	219537
				<b>Total</b>	<b>44451.36</b>	

## Annexure 4

### List of DRW works taken up by KWA (District Wise) during the year 2021-22.

Sl No.	Name of District	Name of Division	Name of Work	AS Amount (in Lakhs)
1	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Vilavoorkal - Maintenance of 25 HP submersible pump set in Mankattukadavu pump house	0.6
2	Thiruvananthapuram	WS Division Neyyattinkara	RWSS TO Aryamcode - Rewinding and repairing of 50 HP pump at Moonnattumukku Pump house.	1.5
3	Thiruvananthapuram	WS Division Attingal	RWSS to Puzhakkadavu Raw Water Pump House - Dismantle and rewinding the 200HP Vertical Turbine motor, supplying specials for the work, reassembling and erection of the motor and connected works under WS-1, Varkala	2.41
4	Thiruvananthapuram	WS Division Neyyattinkara	RWSS To Parassala - Kuzhinjanvila pump house Erection and commissioning of 5 HP pump set with pipe, valve, Pressure guage, specials, electrical starter, pannel board, cable and other connected devices.	1.2
5	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Parassala Vandi chira raw watwe pump house. Rectification and commissioning of 25 HP VT pump set with pipe, Valve, Pressure guage, specials Electrical starter, pannel board, cable and other, connected devices.	1
6	Thiruvananthapuram	WS Division Attingal	DRW-2022-Interconnection 63 mm PVC pipe line near mullaramcodu school with the existing 50 mm pvc pipe line of Leksham veedu Colony for improving watersupply to mavinmoodu high level area in ottoor gramapanchayath	0.75
7	Thiruvananthapuram	WS Division Attingal	Supply and Installation of starter bearing for 40 HP VT Pumpset	1.5
8	Thiruvananthapuram	HW Division Aruvikkara	DRW 2022-23 Overhauling of transformers under various pump houses under WS section Kallara.	4
9	Thiruvananthapuram	WS Division Attingal	conveying erecting 10 HP pumpsets for pumping water from river to intake gallery of raw water pump house	0.6
10	Thiruvananthapuram	WS Division Attingal	conveying erecting 5 HP pumpsets for pumping water from river to intake gallery of raw water pump house	0.3
11	Thiruvananthapuram	WS Division Attingal	conveying erecting 5 HP pumpsets for pumping water from river to intake gallery of raw water pump house	0.3
12	Thiruvananthapuram	WS Division Attingal	conveying erecting 10 HP pumpsets for pumping water from river to intake gallery of raw water pump house	0.7
13	Thiruvananthapuram	HW Division Aruvikkara	DRW 2022-23 Servicing and repairing the damaged valves/valve chambers and clearing man hole cover in 5 panchayaths under Kallara Section.	2
14	Thiruvananthapuram	WS Division Attingal	providing and fixing 100 mm/80 mm C.I D/F valves and 65/50 mm G.M valves in the distribution line of Navaikulam madavoor pallickal Grama panchayath	0.8
15	Thiruvananthapuram	WS Division Neyyattinkara	RWSS TO Parassala Water treatment plant Vandichira - Back wash pump set Erection and commissioning of 5 HP submersible pump set with pipe, valve, Pressure guage, specials, electrical starter, pannel board, cable and other connected devices	1.2
16	Thiruvananthapuram	PH Division Aruvikkara	DRW 2022-23 - CWSS to Kallara Pangod etc. Panchayaths - Construction of temp bund across Vamanapuram river at Aruvippuram	1

17	Thiruvananthapuram	PH Division Aruvikkara	RWSS to Idinjar - Construction of temporary bund parallel to the RR Retaining wall besides the pump house at Mankayam	0.8
18	Thiruvananthapuram	PH Division Aruvikkara	RWSS to Poovachal - Providing temporary bund across the river near Veeranakavu pump house	7
19	Thiruvananthapuram	PH Division Aruvikkara	RWSS to Aryanad - Providing temporary bund across the river near Aryanad pump house	5
20	Thiruvananthapuram	PH Division Aruvikkara	DRW 2022-23 Construction of temp. bund across Arampally stream for RWSS to ANAD Panchayath	0.8
21	Thiruvananthapuram	PH Division Aruvikkara	RWSS to Peringamala Panchayath Temporary bund across the river besides the kundalamkuzhi pump house.	1
22	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Marayamuttam - Providing temporary bund near the well cum pump house at Mampazhakkara and allied cleaning of well and allied works	3
23	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Vilavoorkkal - Construction of tempoary bund across Karamana river near Mangattukadavu Pump House	0.4
24	Thiruvananthapuram	WS Division Neyyattinkara	RWSS TO Aryamcode - construction of temporary bund in Moonnattumukku Pump house.	1
25	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Valiyakulam - Providing temporary bund at Kanjiramoottukadavu pump house	1
26	Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Kunnathukal - Providing temporary bund at Pazhamala gallery	1
27	Thiruvananthapuram	WS Division Attingal	DRW 2022- ARWSS to Kilimanoor, Pazhayakunnummel & Madavoor - Construction of Temporary bund across Vamanapuram River down stream of RWPH at Karette.	4.37
28	Thiruvananthapuram	WS Division Attingal	DRW 2022- Providing temporary bund across Vamanapuram River- Rising the height of existing concrete bund	6.52
29	Kollam	PH Division Kottarakkara	CWSS to Chithara and Adjoining Villages- General mace of Water supply schemes under PH Section Kadakkal - Cost of purchasing CID joints, CIR joints, PVC specials etc.	4
30	Kollam	PH Division Kottarakkara	CWSS to Chithara and Adjoining Villages- RWPH Mylamoodu- Repair and owehauling of pump sets, rewinding of motors and connected works	5
31	Kollam	PH Division Kottarakkara	ARWSS to Kulathupuzha and Adjoining Villages- RWPH Rakwoodkadavu- Repair and owehauling of pump sets, rewinding of motors and connected works	5
32	Kollam	PH Division Kottarakkara	RWSS to Kareepra – Rewinding 50 HP centrifugal pump set (standby) at Kareepra Clear water pumphouse	1
33	Kollam	PH Division Kottarakkara	RWSS to Punukkanoor chira- Rewinding 30HP VT pumpset (standby) at Punukkannoor raw water pump house.	0.7
34	Kollam	PH Division Kottarakkara	Construction of Temporary bund across Kulathupuzha river near to Mylamoodu RWPH for tackling water stress	3
35	Kollam	PH Division Kottarakkara	Construction of Temporary bund across Ithikkara river near to Attoorkonam RWPH for tackling water stress.	3
36	Alappuzha	PH Division Alappuzha	UWSS to Mavelikkara - Supply and installing 125 KVR ATS starter at Clear water Pump house, Mavelikkara.	1.32
37	Alappuzha	PH Division Alappuzha	Supplying and providing 2.00 KG Chlorinator with breething apparatus & 600 KG extra chlorine cylinder at Mavelikkara WTP	2.5
38	Alappuzha	PH Division Alappuzha	Supplying and providing 2.00 KG Chlorinator with breething apparatus & 600 KG extra chlorine cylinder at Pattoor WTP	2.5

39	Alappuzha	PH Division Alappuzha	RWSS to Thamarakkulam - Interconnection near Charumood KIIP canal 200mm DI with 110mm PVC pipe and providing valve chamber with 200mm CI Sluice including all specials to distribute water to Thamarakkulam GP	1.5
40	Alappuzha	PH Division Alappuzha	CHERUTHANA PERUMANKARA RIVER CROSSING USING 90 MM HDPE	3.5
41	Alappuzha	PH Division Alappuzha	RWSS to Chunakkara - Providing valves to distribute water in elevated areas in Chunakkara GP	0.68
42	Alappuzha	PH Division Alappuzha	RWSS to Thamarakkulam - Providing valves to distribute water in elevated areas in Thamarakkulam GP	1
43	Alappuzha	PH Division Alappuzha	Interconnection work at Puthuval bridge in JJ hospital - KTDC road -150 m	1.8
44	Alappuzha	PH Division Alappuzha	Providing temporary bund near raw water pump house Mavelikkara	7
45	Pathanamthitta	PH Division Pathanamthitta	Replacing Filter media of Clarifier units at Novodaya WTP	4.5
46	Pathanamthitta	PH Division Pathanamthitta	Supply of Specials for maintenance works of pipe lines	5
47	Pathanamthitta	PH Division Pathanamthitta	Supply of Specials for maintenance works of pipe lines	3
48	Pathanamthitta	PH Division Thiruvalla	Providing Temporary Bund around the Baby well and across the river by using sand filled bags in Mallappally , Manimala River	4
49	Pathanamthitta	PH Division Pathanamthitta	RWSS to Angadi - Providing Temporary bund across river Pamba at Pulimukku	1.5
50	Pathanamthitta	PH Division Pathanamthitta	RWSS to Perunadu - Providing Temporary bund across river Pamba at Mukkam	2.5
51	Pathanamthitta	PH Division Pathanamthitta	RWSS to Aythala - Providing Temporary bund across river Pamba at Aythala	1
52	Pathanamthitta	PH Division Pathanamthitta	RWSS to Vechoochira - Providing Temporary bund across river pamba at Perumthenaruvu.	1.3
53	Pathanamthitta	PH Division Pathanamthitta	RWSS to Kollamula - Providing Temporary bund across River Pamba at Kurumbanmoozhy	0.4
54	Pathanamthitta	PH Division Pathanamthitta	RWSS to Kudamurutti - Providing Temporary bund across river Pamba at Kudamurutti	0.4
55	Kottayam	PH Division Kottayam	Cleaning and desilting Intake well ,clearing and desilting leading pipe/gallery in river at raw water pump house	29
56	Kottayam	PH Division Kaduthuruthy	DRW-2022 - Supplying and fixing Chlorinator unit and accessories 2Kg/Hr at WTP Kidangoor	4.5
57	Kottayam	PH Division Kaduthuruthy	DRW -2022 - ARWSS to Veliyannoor and adjoining villages - 45 MLD WT Plant , Mevelloor - Interconnecting the existing clear water leading channel with the newly constructed clear water leading channel	5
58	Kottayam	PH Division Kottayam	Stand By Pumpset for Thottakkadu Old and Kavalichira Pump House	15
59	Kottayam	PH Division Kottayam	DRW -2022 - Maintenance of existing 25HP Tube well pump set at Thidanadu	2
60	Kottayam	PH Division Kottayam	For improving water supply to western area - Interconnection of 500mmDI pipe with 450mm DI pipe using 300mm MS pipe & 300mm Valve	3
61	Kottayam	PH Division Kaduthuruthy	DRW 2022 - Supply & laying 25mm GI pipe for providing water connection	3
62	Kottayam	PH Division Kaduthuruthy	DRW-2022 - Supplying and fixing 500mm and 400 NRV at WTP Mevelloor	9
63	Kottayam	PH Division Kaduthuruthy	DRW-2022 - Supplying and fixing various size of valves Under PH sections Kaduthuruthy and Peruva	6
64	Kottayam	PH Division Kottayam	Pipeline extension for alength of 250 m Near Mery Matha Public school Edakunnam	1.92

65	Kottayam	PH Division Kaduthuruthy	DRW 2022 - Providing Venting point for tanker supply at Kakkanattukunnu	0.3
66	Kottayam	PH Division Kaduthuruthy	Tanker lorry supply under PH Subdivision Kaduthuruthy	5
67	Kottayam	PH Division Kottayam	DRW 2022-Interconnection work Lalam bridge using 250mm DI D/F pipe with existing damaged , old and dilapidated 250mm CI pipe, 74.00m	3
68	Kottayam	PH Division Kottayam	Replacing 150mm CI pumping line and 100mm AC distribution line at Dhanwanthary flat bhagam in Koottickal road for a length of 200m.	14.6
69	Idukki	PH Division Thodupuzha	RWSS to Adimaly - DRW 2022-23 - Extension of Existing Bund, Construction of Collection Chamber and Providing Protective Fencing at Peechadu Source	2.5
70	Idukki	PH Division Thodupuzha	UWSS to Thodupuzha - 12 MLD WTP- Supply and installation of Pin bush coupling set for 120 HP CF pumpset- 2 no's	1.1
71	Idukki	PH Division Muvattupuzha	ARWSS to Kuttamangalam- Neriamangalam-Supplying and erection of 3HP-3phase Vaccum Pump for Priming 75 HP CF pump set to Villanchira at Avolichal TP	0.75
72	Idukki	PH Division Muvattupuzha	RWSS to Nellikuzhy-Supplying and erection of 3HP-3phase Vaccum Pump for Priming 75 HP CF pump set to Nellikuzhy Tankat Thrikkariyoor PH	0.75
73	Idukki	PH Division Muvattupuzha	UWSS to Kothamangalam-Supplying and erection of 3HP-3phase Vaccum Pump for Priming 120 HP CF pump set at WTP No II KLM	0.75
74	Idukki	PH Division Thodupuzha	Construction of temporary bund across Kokkayar River in Mulamkunnu scheme	2.1
75	Idukki	PH Division Thodupuzha	Construction of Temporary bund at Kulamavu	2.1
76	Thrissur	PH Division Irinjalakuda	supply ,erection and commissioning of pressure filter at Chazhur WTPand interconnection works with pumping mains and delivery to sump and wash water to existing scour pipes	18
77	Thrissur	PH Division Thrissur	Supply and fixing Of Chlorinator At Kuthampully	4
78	Thrissur	PH Division Thrissur	Repairs of 177 HP No:3 CentrifugalMotor pump set and connected works.	1.2
79	Thrissur	PH Division Thrissur	Repair and mainanance of various pump houses under WW Section 1	3
80	Thrissur	PH Division Thrissur	Repair and mainanance of various pump houses under WW Section 2	3
81	Thrissur	PH Division Irinjalakuda	DRW 2022- Rennovation of 40 HP VT Motor pump set and its Column pipe, Shaft etc in Pound Pump House	3
82	Thrissur	PH Division Irinjalakuda	DRW 2022- Rennovation of 50 HP VT Motor pump set and in Eravakkad Pump House	1.6
83	Thrissur	PH Division Thrissur	Repair and errection of existing 30 HP submersible motor pumpset at V K kadavu and connected works	16
84	Thrissur	PH Division Irinjalakuda	DRW 2022- Rennovation of 60 HP VT pump set at Kalkuzhy Pump House .	1.5
85	Thrissur	PH Division Thrissur	Repair and mainanance of various pump houses under P H Section Peechi	3
86	Thrissur	PH Division Irinjalakuda	DRW 2022- Rennovation of 50 HP VT Motor pump set and Delevery line in Thottumugham Pump House	1.8
87	Thrissur	PH Division Thrissur	7.5HP CF motor pumpset repair	3.5
88	Thrissur	PH Division Thrissur	Repair and maintenance of 60HP CF Pumpset at Vellani WTP	2.5
89	Thrissur	PH Division Thrissur	Repair and maintenance of 214HP Pumpset at Engandiyoor boosting pump house	3.5
90	Thrissur	PH Division Thrissur	Rewinding and repairing of 100 HP VT motor pump set at KGWSS	2

91	Thrissur	PH Division Thrissur	Repair of 177 HP No:2 centrifugal motor Rotor Shaft and replacing of bearings 2 nos and pannel board isoloter work	0.8
92	Thrissur	PH Division Thrissur	PSA pump house Repairing and servicing of Crane-Servicing of Electrical hoisting & Railing work.	2.2
93	Thrissur	PH Division Thrissur	Repairs of 177 HP Centrifugal pumpset and connected works	0.6
94	Thrissur	PH Division Thrissur	7.5 HP CF motor pumpset repair at Trithala pump house	2
95	Thrissur	PH Division Thrissur	Repair and maintenance of 10 HP stand by motor Pumpset at pumphouse of RWSS Tholur	2
96	Thrissur	PH Division Thrissur	Repair and maintenance of 10 HP CF stand by motor Pumpset at pumphouse of RWSS Pavaratty	1.5
97	Thrissur	PH Division Thrissur	Repair and maintenance of 10 HP submersible motor Pumpset at pumphouse of RWSS Irimbranellur	1
98	Thrissur	PH Division Thrissur	Repair and maintenance of 10 HP CF stand by motor Pumpset at pumphouse of RWSS Kundazhiyoor	1
99	Thrissur	PH Division Thrissur	Repair and maintenance of 7.50 HP CF stand by motor Pumpset at pumphouse of RWSS Kadapuram	1
100	Thrissur	PH Division Thrissur	Repair of 177 HP No:5 Centrifugal motor Pumpset - Overhauling work	0.7
101	Thrissur	PH Division Thrissur	Supply and fabricating of new MS fabricated Base plate for spare motor pump set	1.1
102	Thrissur	PH Division Irinjalakuda	DRW 2022 -Renovation of Pump house at Mathilakam- electrical repair works at Mathilakam Pump house	10
103	Thrissur	PH Division Irinjalakuda	DRW 2022 -Renovation of Pump house at Vatanappilly- electrical repair works at Vatanappilly Pump house	2
104	Thrissur	PH Division Thrissur	DRW-2022- CARWSS to Kadangode and adjoining Panchayaths - Replacing damaged 400mm Zero Velocity valve in the pumping line	6
105	Thrissur	PH Division Thrissur	Inter connection work Gravity main to Distribution main at Vattolli in Thirumittacode GP	1.5
106	Thrissur	PH Division Thrissur	Inter connection work Gravity main to Distribution line Bantglavu kunnu in Chalissery Pt.	4
107	Thrissur	PH Division Irinjalakuda	DRW 2022 -Supply of 600mm CI Pumping main Specials (MJ Collar, Split Clamp etc.)for the maintenance work of 600mm CI Pipe under P H Section, Mathilakam	5
108	Thrissur	PH Division Irinjalakuda	DRW 2022 -Supply of 700mm Premo Gravity Specials (MJ Collar, Split Clamp etc.)for the maintenance work of 700mm Premo Pipe under P H Section, Vatanappilly	10
109	Thrissur	PH Division Thrissur	Purchase of various size GI, PVC pipes, CID,CIR joints, Valves etc for the maintanace works under WW Subdivision Thrissur	5
110	Thrissur	PH Division Thrissur	Purchase of specials	1
111	Thrissur	PH Division Thrissur	Purchase of specials for maintenance	5
112	Thrissur	PH Division Irinjalakuda	DRW 2022 -Renovation of Pump house at Mathilakam- electrical repair works at Illikkal Pump house	10
113	Thrissur	PH Division Thrissur	Providing Chlorinator and supplying Chlorine Cylinder at Mulayam WTP	4.5
114	Thrissur	PH Division Irinjalakuda	DRW 2022- Interconnection of pumping main to distribution line at Edathirinji tank site	1.5
115	Thrissur	PH Division Thrissur	DRW 2022- CWSS to Wadakkanchery and adjoining panchayath - Source improvement work - Construction of sand bund and leading channel in Bharathapuzha river near Painkulam Pumphouse	3

116	Thrissur	PH Division Thrissur	DRW 2022 - RWSS to Puthur - Construction of Temporary Bund across Manali river beneath Puthur Bridge	0.2
117	Kannur	WS Division Kannur	WSS to Anjarakandy, Peralassery and adjoining panchayats -46 MLD WTP Chavasseryparamba- Providing Gantry Girder (2 ton capacity) for handling Chlorine cylinder.	3
118	Kannur	WS Division kannur	KWSS-Removing sludge from wash water pond at 30MLD WTP, Chavasseryparamba and sump at Booster station, Veliyambra.	4.8
119	Kannur	WS Division Kannur	ARWSS to Panoor-Mokeri zone -I - Panel board repairing work	0.6
120	Kannur	WS Division Kannur	ARWSS at Panoor-Mokeri- Painting &repairing of steel shutter	1.5
121	Kannur	WS Division Kannur	CWSS- Kuthuparamba Municipality and Pattiam, Kottayam Census Towns- Repairing NRVs at intake well Edakkanam	0.5
122	Kannur	WS Division Kannur	CWSS- Kuthuparamba Municipality and Pattiam, Kottayam Census Towns- Replacement of 150 mm NRV at Booster station Kopparakkalam	1
123	Kannur	WS Division kannur	WSS to Kannur and adjoining Panchayths - Interconnetion work at various locations near kazanakotta Tank area	2.5
124	Kannur	WS Division kannur	WSS to Kannur and adjoining Panchayths - Interconnetion work at various places in Chirakkal Grama Panchayath and Supply and fixing valves of Various sizes at Distribution lines in Chirakkal Grama Panchayth	4.3
125	Kannur	WS Division kannur	WSS to Kannur and Adjoining Panchayaths- Providing 2 nos of Tanker Lorry Water filling point at Sangeetha OHSR	2.5
126	Kannur	WS Division kannur	WSS to Kannur and Adjoining Panchayaths- Providing 4 nos of Tanker Lorry Water Connection at Mele Chovva Tank Site	3.2
127	Kannur	WS Division Kannur	Purchase of 200mm/160mm/140mm and 110mm dia pvc pipe CID Joints	0.5
128	Kannur	WS Division Kannur	WSS to Anjarakandy, Peralassery and adjoining panchayats -46 MLD WTP Chavasseryparamba Construction of cc drain(150m) from clarifier outlet to natural drain,intallation of 1000ltr water tank and related plumbing works and providing fencing all round the WTP premises.	30
129	Kannur	WS Division kannur	WSS to Kannur and adjoining Panchayths - Interconnetion work various places in Azhikkode Grama Panchayath and Supply and fixing valves of Various sizes at Distribution lines in Azhikkode Grama panchayath	2.5
130	Kannur	WS Division Kannur	Construction of Temporary bund across Meruvambayi River	0.85
131	Kannur	WS Division Kannur	Construction of temporary bund	0.2
132	Kannur	WS Division Kannur	Construction of temporary bund	0.4
133	Kannur	WS Division Thaliparamba	Construction of Temporary earthen bund across Karyangode river at Kakkadav	5
134	Kannur	WS Division kannur	WSS to Anjarakandy Peralassery and adjoining Panchayaths - Partial settlement to 900mm Dia CI class B Pumping main near Intake well cum Pump House at Veliyambra on 06.06.2021, Relaying with 900mm DI K9 Pipe.	49.3

135	Kannur	WS Division Kannur	Pipeline extension work for alleviating water shortage in Mamballykunnu area in Thalasserry Municipality	30
136	Kochi	Project Division Kochi	Enhancement of Production capacity of 100 MLD WTP at Maradu, Kochi - Interconnection Works	48
137	Kozhikode	PH Division Vatakara	Starter repair of 150 HP motor at Purameri CWPH	2.8
138	Kozhikode	PH Division Vatakara	Clarifier Repair at Purameri plant	3.1
139	Kozhikode	PH Division Vatakara	Interconnection with JICA Line	3.5
140	Kozhikode	PH Division Vatakara	Providing Valves and engaging valve operators for regulating water supply in elevated areas	1.5
141	Kozhikode	PH Division Vatakara	Augmentation to BWSS-Replacing distribution valve and providing Valve chamber including interconnection of Pazhamkavu and Kuzhichal zone	10
142	Kozhikode	PH Division Vatakara	TM ARWSS to Azhiyur- Replacing of 30 HP suitable starter at Kallamala Pump House	2.5
143	Kozhikode	PH Division Vatakara	TM ARWSS to Azhiyur- Replacing of 65 MM SLUICE VALVE at Kallamala Pump House	1
144	Kozhikode	PH Division Vatakara	WSS to Onchiyam Chorode and Eramala-Replacing KSEB meter board at Vellikulangara PH	2.5
145	Kozhikode	PH Division Vatakara	Repairing electrical accessories at RWPH Koorangottukadavu	3
146	Kozhikode	PH Division Sulthan Bathery	Cleaning well ,leading channel, infiltration gallery and Providing Bund at Panamaram River	8
147	Kozhikode	PH Division Sulthan Bathery	Cleaning well leading channel, infiltration gallery and Providing Bund at Muthanga River.	6
148	Kozhikode	PH Division Sulthan Bathery	Cleaning well ,leading channel and infiltration gallery at Marakadavu in Kabani river Bund	5
149	Kozhikode	PH Division Sulthan Bathery	Providing temporary bund, well and leading channel cleaning at Neerittady pump house, Cleaning Clarifier and filter media, alum and lime tank, clear water sump at Kambalakkad water treatment plant	5
150	Kozhikode	PH Division Sulthan Bathery	100HP FCMA/ VFD soft starter and 35mm copper cable at CWPH Kartikulam	5
151	Kozhikode	PH Division Sulthan Bathery	125HP FCMA Soft starter / VFD & 50mm Copper cable at Vilambukandam pump house, 500amps Kitkat Fuse unit	6
152	Kozhikode	PH Division Sulthan Bathery	Substation mace. At RWPH at Karappuzha- Mace of Transformer	0.5
153	Kozhikode	PH Division Sulthan Bathery	FCMA Starter repair, MPR replacement, Display Unir repalcement at Karappuzha	2.5
154	Kozhikode	PH Division Sulthan Bathery	Repair and overhauling of No.II Blower at WTP swargamkunnu	2
155	Kozhikode	PH Division Sulthan Bathery	RWSS to Chundale- 15HP submersible motor repairing	0.8
156	Kozhikode	PH Division Sulthan Bathery	RWSS to Moopainad- 35HP submersible motor repairing	1.5
157	Kozhikode	PH Division Sulthan Bathery	RWSS to Vythiri- 30HP submersible motor repairing	1.2
158	Kozhikode	PH Division Sulthan Bathery	RWSS to Pinangode 30HP submersible motor repairing	1.2
159	Kozhikode	PH Division Sulthan Bathery	Replacing damaged valves in various palces under PH Section No.I, Kalpetta	3
160	Kozhikode	PH Division Sulthan Bathery	Replacing damaged valves in various palces under PH section No.II kalpetta	2
161	Kozhikode	PH Division Sulthan Bathery	Urgent Interconnection at Chenamkolly	5.5
162	Kozhikode	PH Division Sulthan Bathery	Interconnection work near Swargamkunnu WTP ( in order to improve the water level in GLSR)	2

163	Kozhikode	PH Division Sulthan Bathery	Providing chlorinators at Manathavady, Thirunelli, Krishnagiri, Kaniyambetta, Padinjarathara, Athirattukunnu, Kabanigiri, Nerapathu, Thomattuchaal under PH Division, Sultan Bathery (9 Nos)	10
164	Kozhikode	PH Division Sulthan Bathery	Purchasing Lab Equipments for WTP under PH Division, Sultan Bathery (10 Sets of Jar test, RC kit, Turbidity Machine, PH machine etc.)	10
165	Kozhikode	PH Division Sulthan Bathery	Provision of 1.0 MLD pressure filter at Muthanga	10
166	Kozhikode	PH Division Sulthan Bathery	Tanker filling points at Manathavady and Kartikullam	3
167	Kozhikode	PH Division Sulthan Bathery	Tanker filling points at Ambalvayal Tank and Kalluvayal tank	3
168	Kozhikode	PH Division Sulthan Bathery	Renovation and repair water filling station at Booster station at Goodalai	2
169	Kozhikode	PH Division Sulthan Bathery	Renovation and repair water filling station at TB tank	2
170	Kozhikode	PH Division Sulthan Bathery	Providing and fixing water filling station at Karappuzha pump house tank	5
171	Kozhikode	PH Division Sulthan Bathery	Purchase of specials for BB works under PH Dn, Sultan Bathery	10
172	Kozhikode	PH Division Sulthan Bathery	40HP Fully automatic star delta soft starter 2nos, MPD for 60HP & 120HP , 16mm Copper cable & repair of 10HP OH motor Building & Yard light etc.	4
173	Kozhikode	PH Division Sulthan Bathery	Interconnection works to Panthipoyil transformer jn to Bappanamal road junction	6
174	Kozhikode	PH Division Kozhikode	Construction of temporary bund across Iruvazhanhi river at Nellikkampoyil in Mukkam Municipality	4.13
175	Kozhikode	PH Division Kozhikode	Construction of temporary bund across Iruvazhanji river at Pathayapara in Kodanchery Grama Panchayath	4.13
176	Kozhikode	PH Division Kozhikode	Construction of temporary bund across river at Kandappachal natural source in Kodancheri grama panchayath	1.36
177	Kozhikode	PH Division Kozhikode	Construction of temporary bund at manniledamkadavu across cherupuzha in Chathamangalam Grama Panchayath.	4.13
178	Kozhikode	PH Division Kozhikode	Construction of Temporary bund across Cherupuzha river at Nadammalkadavu in Koduvally Municipality.	4.13
179	Kozhikode	PH Division Kozhikode	Construction of Temporary bund across Poonoor river at Pakaladath in Kizhakoth Grama Panchayath	4.13
180	Kozhikode	PH Division Kozhikode	Construction of Temporary bund across river at Kurottupara in Kodanchery Grana Panchayath.	1.18
181	Kozhikode	PH Division Kozhikode	Construction of temporary bund across Iruvazhanhipuzha in Thiruvambady Grama Panchayath	4.13
182	Kozhikode	PH Division Kozhikode	Construction of temporary bund across Poonor river at Kottakkavayal in Madavoor Grama panchayath	4.13
183	Kozhikode	PH Division Kozhikode	Construction of temporary bund at Cherupuzha in Thamarassery Grama Panchayath	3.1
184	Kozhikode	PH Division Vatakara	Providing temporary bund and engaging summer pumping	1.5
185	Kozhikode	PH Division Vatakara	Providing temporary bund	1.4
186	Kozhikode	PH Division Vatakara	Providing temporary bund	2.9
187	Kozhikode	PH Division Sulthan Bathery	Temporary Bund at Muthanga across Muthanga puzha & Well cleaning.	8

188	Kozhikode	PH Division Sulthan Bathery	Temporary Bund at Neerittady pump house for covering gap of weir in Panamaram river & Intake mouth cleaning	4
189	Kozhikode	PH Division Sulthan Bathery	Temporary Bund at Mathoorvayal across Panamaram Puzha & Well cleaning.	10
190	Kozhikode	PH Division Sulthan Bathery	Temporary Bund at near RWSS open well Moopainad Puzha	1.5
191	Kasaragod	PH Division Kasaragod	Maintenance of WSS to West Eleri- Providing shutters for concrete weir across Mangod river for the year 2021-2022	0.7
192	Kasaragod	PH Division Kasaragod	Maintenance of WSS to Belur and Adjoining Villages - Closing of Sluice shutter and providing earthen bund at scoured portion on LHS abutment of RCC weir at Ramankayam for 2021-22	0.37
193	Kasaragod	PH Division Kasaragod	Providing MS Shutter for permanent concrete weir at Adkashlala for the year 2021-2022	0.91
194	Kasaragod	PH Division Kasaragod	Closing the permanent weir at Pallathadka for the year 2021-22	1.05
195	Kasaragod	PH Division Kasaragod	Construction of temporary bund closing of weir shutter at Kodankai in Uppala river for the year 2021-22	1
196	Malappuram	PH Division Edappal	DRW 2022-RWSS TO Irimbiliyam- Valanchery - Construction of temporary bund across Thoothappuzha	9
197	Malappuram	PH Division Edappal	DRW 2022- Mace. of UWSS to Tirur - Construction of temporary bund across Bharathappuzha at Pallippadi	10
198	Malappuram	PH Division Edappal	DRW 2022- Mace. Of CARWSS to Thirunavaya and adjoining panchayaths - Construction of temporary bund across Bharathappuzha at Thazhathara	9
199	Malappuram	PH Division Edappal	DRW 2022- Mace. Of DRWSS to Edappal and adjoining panchayaths -Supplying labour for engaging duty of regulating valves in distribution line to avoid interruption of water supply in summer season	1
200	Malappuram	PH Division Edappal	Construction of temporary bund in Bharatapuzha River near Chamravattam RCB for improving water intake to the well at WTP site Naripparamba.	20
201	Malappuram	PH Division Malappuram	UWSS to Nilambur Municipality- Temporary bund at Kalathinkadavu across Chaliyar river	19.108
202	Malappuram	PH Division Malappuram	DRW-2020-21 -ARWSS to Thuvooor- Construction of temporary bund across Olipuzha river near Mampuzha pump house	4.04
203	Malappuram	PH Division Malappuram	RWSS to Pandikkad- Repairs to existing temporary bund across Kadalundi river near Oravumpuram pump house	4.67
204	Malappuram	PH Division Malappuram	RWSS to Padinhattumuri- Construction of Temporary bund across Kadalundi river at Down stream side of Mothi pump house in Koottilangadi Panchayath	12.34
205	Malappuram	PH Division Malappuram	RWSS to Mundayilpadi-Construction of Temporary bund across Kadalundi river at Down stream side of Mundayilpadi pump house in Koottilangadi Panchayath	8.46
206	Malappuram	PH Division Malappuram	UWSS to Anakkayam - RCC Storage weir at Anakkayam- Supplying and putting up timber logs and watching storage weir at Anakkayam	4.04
207	Malappuram	PH Division Malappuram	MWSS to Malappuram - Putting up wooden planks and watching to the storage weir at Nambrani in Malappuram Municipality	5.488
208	Malappuram	PH Division Malappuram	MWSS-Mace - Putting up timber Planks and watching to storage Weir at Chamakkayam in Panakkad village, Malappuram Municipality	2.19
209	Malappuram	PH Division Malappuram	CRWSS to Moorkanad Temporary bund at Nilaparamba across Thootha river	16.2

210	Malappuram	PH Division Edappal	Construction of Temporary Bund across Thuthapuzha at Kaithakadav	9
211	Malappuram	PH Division Edappal	Construction of Temporary Bund across Bharathapuzha at Pallipadi and diversion Channel	15
212	Malappuram	PH Division Edappal	Jalanidhi WSS to Thennala, Ozhur and Perumanna Clari panchayats - Desilting ,Rubble packing in the well and Laying new 500 mm dia DI pipe from river to Raw water well at Perumbuzha	16
213	Malappuram	PH Division Edappal	Mace of ARWSS to Ezhavathiruthy and adjoining panchayaths - Leakage rectification in underwater HDPE line at Kundukadavu.	3
214	Malappuram	PH Division Malappuram	Urgent repair work of distribution line under WSS to Kavannur in Malappuram District	11
215	Palakkad	PH Division Shornur	DRW 2021-22 Construction of temporary bund across Thuppanadu River - Near Pump House for RWSS Karimba Gramapanchayath	1.7
216	Palakkad	PH Division Shornur	DRW-2021-22 CONSTRUCTION OF TEMPORARY BUND ACROSS KUNTHIPUZHA UWSS to Mannarkkad and Thenkara	2.5
217	Palakkad	PH Division Shornur	DRW 2022- RWSS to Vilayur Koppam- Construction of temporary bund across Thootha River	1
218	Palakkad	PH Division Shornur	DRW 2022- RWSS to Thiruvegappura - Construction of temporary bund across Thootha River	0.75
219	Palakkad	PH Division Palakkad	Supply and Installation of 630KVA transformer for 45MLD WTP at Malambuzha	21
220	Palakkad	PH Division Shornur	DRW 2021-22 Removing sand and mud from gallery pipe area for getting sufficient water in the intake well	1.75
<b>TOTAL</b>				<b>999.286</b>

Annexure 5

**NRDWP - List of Completed Schemes - 2021-22**

Sl. No.	District	Name of Scheme	AS Amount (Rs. In Lakh
1	Kollam	WSS to Thevalakkara and Thekkumbhagom Panchayat II	600.00
2	Kollam	RWSS to Kulathupuzha and adj. Villages Phase II	1815.00
3	Malappuram	W S S TO KAVANUR PHASE II	1000.00

## Annexure 6

### KIIFB - Completed Projects 2021-22.

Sl. No	Name of work	District	KIIFB Sanctioned date	KIIFB Approved Amount Rs. in Crore	Date of completion
<b>Water Supply Projects</b>					
1	KIIFB 2017-18-WRD-025-19- WSS To Feroke Karuvanhuruthy Village	Kozhikkode	12-11-18	18.64	15-05-2021
2	WRD025- Ambalappara Phase II	Palakkad	12-11-18	11.14	23-02-2022
3	CWSS to Perumatty, Pattanchery, Nallepilly, Elappully Panchayaths in palakkad district--Phase II	Palakkad	12-11-2018	25.99	30-09-2021
	<b>Total</b>			<b>55.77</b>	
<b>Replacement works</b>					
1	Replacement - Kollam - BAWSS to Kundara and adjoining panachayath- Replacement of old 300 mm AC transmission main with 300 mm DI K9 pipe from Ezhukone GLSR to Cheerankaavu junction	Kottarakkara	09-04-18	313.2	31-12-21
2	Replacement - Kollam-RWSS to Pathanapuram Panchayath- Replacement of very old and damaged AC & PVC pipes at various places in Pathanapuram Panchayath	Kottarakkara	09-04-18	102.14	03-01-22
3	Replacement - Pathanamthitta - RWSS to Vechoochira- Replacing damaged 200mm AC transmission main from Koothattukulam to Kumbithodu with 250mm DI K9 pipe	Pathanamthitta	09-04-18	84.62	05-07-21
4	Replacement - Pathanamthitta - RWSS to Chenneerkara Mezhuveli- Replacing damaged AC pipe at Pannikkuzhi, Elavumthitta, Muttathukonam, Manjanikkara and Ramanchira area	Pathanamthitta	09-04-18	197.97	12-09-21
5	Replacement - Pathanamthitta - RWSS to Kaviyoor and Kunnamthanam- Replacing 250 mm AC gravity main with 250mm DI K9-Vyttadu junction to Elavanal sump (2nd Reach)	Pathanamthitta	09-04-18	193.85	01-06-21
6	Replacement - Pathanamthitta - RWSS to Angadi - Replacement of damaged pipelines at various places of RWSS to Angadi (5 nos of replacements)	Pathanamthitta	09-04-18	397.28	01-03-22
7	Replacement - Kannur- WSS to Anjarakandy, Peralassery and adjoining panchayats- Replacing old 300,250 & 200 mm AC distribution main with 300,250 & 200 mm DI K9 pipe from Moonnuperiya Jn. to Vellachal Town Jn.	Kannur	18-01-19	210.97	17-08-21
8	Replacement - Kannur- WSS to Anjarakandy, Peralassery and adjoining panchayats- Replacing old 300mm, 250mm and 200mm AC distribution main pipes with 300 mm, 250 mm and 200 mm DI K9 pipes in Anjarakandy Panchayat	Kannur	18-01-19	291.9	31-01-22
9	Replacement - Kannur-Kasargode WSS- Replacing of old and damaged premo and PVC pipe from Vidhyanagar KWA compound to old bus stand Kasaragod (balance work)	Kasaragod	18-01-19	247.14	25-01-22

10	Replacement - Kottayam -Project-1-CWSS to Ettumanoor and adjoining villages- Replacing damaged 250mm PVC conveyance main from OHSR at Medical College to OHSR at Kuriattukunnu using 250mm DI K9 pipes	Kottayam	23-03-19	238.93	21-01-22
11	Replacement - Kottayam -Project-6-KSP- WSS to Panachikkadu Panchayath- Replacing old and damaged 300mm AC pipe line from Paruthumpara to Rajamma kavala using 300mm DI K9 pipe	Kottayam	23-03-19	67.09	19-01-22
12	Replacement - Kottayam -Project-9-ARWSS to Parathodu- Replacing existing 250mm AC line with 250mm DI from booster pumphouse Kooramthooku to Koovappally	Kottayam	23-03-19	139.02	31-10-21
13	Replacement - Palakkad- Project-6-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone I OHSR area	Shornur	23-03-19	688.01	17-03-22
14	Replacement - Palakkad- Project-7-UWSS to Shornur Municipality - Replacement of 300 to 80mm AC distribution lines for zone II GLSR area	Shornur	23-03-19	576.46	17-03-22
15	Replacement - Kozhikkode - Project-2- Augmentation to BWSS- Replacement of 300mm AC pipe Distribution System	Vatakara	23-03-19	419.6	31-05-21
16	Replacement - Kozhikkode - Project-3- Augmentation to BWSS- Replacement of 250mm AC pipe Distribution System	Vatakara	23-03-19	179.5	31-05-21

## Annexure 7

## AMRUT - Completed Projects 2021-22.

SL No	SAAP YEAR	NAME OF WORK	AS DATE	AS No	AS Amount in Crore	Status as on March 2022	PRESENT PROGRESS (%)	PROPOSED TIME OF COMPLETION
WATER SUPPLY SECTOR-TRIVANDRUM								
1	16-17	Construction of smart office in Thiruvananthapuram - Kowdiar, Pongmoodu, Vellayambalam 2016-17	15/08/2017	G.O.(RT)NO.2800/2017/LSGD	1.75	Work Completed	100%	Completed
SEWERAGE SECTOR- TRIVANDRUM								
1	15-16 16-17	Decentralized 5MLD sewerage treatment plant (STP) at Medical College including water recycling plant and reuse	23/02/2017	G.O(RT)NO.534/2017/LSGD OF 2018-2019	19.16	pipe line work for recycling of treated water and land scapping works are going on.final finishing work including ,ETP WORKS progressing.	100%	Completed
PH DIVISION NORTH, TRIVANDRUM								
WATER SUPPLY SECTOR								
1	17-18	Replacement of the existing damaged pipe lines & Alteration of house connections of Thiruvananthapuram water supply scheme	13/11/2017	G.O.(Rt.)No.3652/2017/LSGD	9.93	Work Completed		
2	17-18	Replacement of old and damaged pipelines of Trivandrum water supply scheme & alteration of house connections -Phase II	22/02/2018	G.O.(Rt.)No.516/2018/LSGD	2.31	Work split in to 7 packages, Out of this, 6 packages executing by PH Division North & 1 package executing by PH Division South	100%	Completed
PH DIVISION SOUTH, TRIVANDRUM								
WATER SUPPLY SECTOR								

1	17-18	Replacement of the existing damaged pipe lines & Alteration of house connections of Thiruvananthapuram water supply scheme	13/11/2017	GO (RT) NO.3652/2017/LSGD DTD	5.10	Work split in to 32 packages, Out of this, 20 packages executing by PH Division North & 12 packages executing by PH Division South	100%	Completed
2	17-18	Replacement of old and damaged pipelines of Trivandrum water supply scheme & alteration of house connections -Phase II	22/02/2018	GO(Rt) No.516/2018/LSGD	0.18	Work split in to 7 packages, Out of this, 6 packages executing by PH Division North & 1 package executing by PH Division South		Completed
3	17-18	Replacing old AC main and Laying of 110 mm PVC 6kg/cm2 pipe at Vellayani Junction, Studio Road to Palnkalamukku, Nemom ward.				Work completed	100%	Completed
SEWERAGE DIVISION, TRIVANDRUM								
SEWERAGE SECTOR								
1	15-16	AMRUT - SAAP 2015-16 - Sewerage work in Trivandrum Corporation	26/03/2016	1329/2016/LSGD dt 26/03/2016, 534/2017/LSGD & revalidated 687/2021/LSGD dt 10/03/2021	3.72	Work split in to two packages and these two main packages have been completed and commissioned. Payment also done. Remaining rectification works in BSF compound, which was not the part of original scope also completed.	100%	Completed
2	15-16	Laying 700mm dia RCC NP3 Pipe sewer trunk main II from Murinjapalam – Kannamoola.	23/02/2017 (15/10/2020 Revised A.S)	9/6/2017 (19/12/2017 CE)	1.64	WORK COMPLETED	100%	Completed
3	16-17	Rehabilitation of existing networks in various blocks of Thiruvananthapuram sewerage scheme	11-02-17		3.84	Split in to 23 works and all are completed	100%	Completed
4	16-17	Providing new network in the missing areas of the core city in Thiruvananthapuram	11-02-17	317/LSGD dt 02117 revalidated 687/2021/LSGD dt 10/03/2021, 1939/2020/LSGD dt 16/10/2020	7.98	Split in to 14 works out of this 11 nos completed.		
5	17-18	Providing new network in the missing areas of core city	01-01-18	5/2018/LSGD dt 1/01/2018 revalidated 687/2021/LSGD dt 10/03/2021, 1672/2020/LSGD	23.09	Work split into 46 packages, 43 completed	100%	Completed
6	17-18	Providing sewerage facility to newly constructed residential colony at Karimadom- Part II	22/2/2018			Work completed	100%	Completed
KOLLAM								
WATER SUPPLY SECTOR								
PH DIVISION, KOLLAM								
1	15-16	AMRUT - SAAP 2015-16 - Water supply works in Kollam Corporation	26/3/2016		6.59	Work split into 8 packages	100%	Completed

3	17-18	Providing new water connection in Kollam Corporation 2017-18.	13/11/2017	GO(Rt) No.3652/2017/LSGD	7.9	5820 connections given. Work completed.	100%	Completed
PROJECT DIVISION KOLLAM								
WATER SUPPLY SECTOR								
1	15-16-17-18	Augumentation of water supply scheme Kollam 2015-16, 2016-17, 2017-18 ( Revised AS vide G.O(Rt) No: 31/2020/LSGD Dated 03/01/2020)	28/9/2017 & Revised AS on 03/01/2020 and again on 26.10.2021 and on 02/2022	G.O(Rt) No: 31/2020/LSGD Dated 03/01/2020	104.42	Work split into 6 packages. Package I, II and IV were completed.		
2	15-16-17-18	Supplying laying commissioning and maintaining 500mm DI K9 CWPM from TP to OHSR at Vadakkevila (3520m)			4.331	Work completed	100%	Completed
WATER SUPPLY SECTOR								
PROJECT DIVISION ALAPPUZHA								
1	15-16	Augmentation & Modernization of Water Supply Distribution System in Alappuzha Municipality (Phase-I)		23/2/2017	24.46	Work split in to 8 packages: All packages are 100 % completed.		

2	16-17	Water Supply Sector- Augmentation & Modernization of Water Supply Distribution System in Alappuzha Municipality (Phase-II)	2/11/2017 Revised A.S on 26/03/2021		59.1	Work divided in to 2 packages: Completed		Completed
				GO(Rt.) 3530/2017/LSGD				

KOCHI

WATER SUPPLY SECTOR

1	15-16	Replacement of existing 525mm distribution cum pumping main with 600mm rider pumping main from Karuvelippady to Koovappadam in Kochi Corporation.	23/2/2017	GO (Rt)No.534/2017/LSGD	3.65	Work divided in to 3 packages		
2	17-18	Replacement of 5000 damaged Service water connections		GO (Rt)No.3530/2017/LSGD	5	Work split in to 7 packages, Out of this, 4 packages are being executed by PH Division Kochi & 3 packages are being executed by JnNURM Division Kochi	100%%	Completed

PROJECT DIVISION, KOCHI

WATER SUPPLY SECTOR

4	16-17	AMRUT - Construction of 15LL OHSR and 2LL CWR at Vadathode, Cheranallor in Kohi Corporation 2016-17	27/9/2017	GO(Rt) NO: 2800/2017/LSGD	7.75	Sump completed. level indicator works ,collecting water to sump and pumping to OHSR, flow meter chamber construction,Balance Compound wall,gate,painting etc in progress.	100%	Completed
5	16-17	Construction of 10LLtrs capacity OHSR at Thevara.	27/9/2017			Work completed on 24/9/2019	100%	Completed

6	16-17	Water supply sector - Kochi Corporation - Laying 500mm DI line from pumphouse at Thammanam to OHSR at Kadavanthara.	2/11/2017 & Revised AS on 04/01/2020 and again on 8.10.2021	G.O.(Rt)1952/2021/LSGD &GO(Rt) NO: 3166/2017/LSGD 27.9.17	8.54	Pipe laying completed except in railway crossing portion. Trial run can be done after the railway crossing work at Ponnuranni is completed. A joint inspection with railway and BPCL conducted. Contacted SSE, Railway for finalising the details of alignment for railway crossing. Proposal to BPCL under process. Meeting was conducted by ADM in which railway and BPCL officials were present. It was directed to submit the proposal for railway crossing and BPCL crossing by push through method. Quotations received from agencies to submit calculations requested by Railway for issuing permission is under process. Visited Ernakulam Railway office for follow up. Divisional Engineer informed that file been processed and sent to Trivandrum Sr. Divisional Engineer office on 17/02/2021	100%	Completed
7	16-17	Laying of 500mm transmission line from Karthikadavu to proposed Pachalam CWR	11-02-17			Work completed on 31/7/21.	100%	Completed
9	17-18	Replacement of 5000 damaged Service water connections	11-02-17			Work split in to 7 packages, Out of this, 4 packages executing by PH Division Kochi & 3 packages executing JnNURM Division Kochi		

#### PH DIVISION THRISSUR

#### WATER SUPPLY SECTOR

1	15-16	Survey and Replacing of Faulty water meters and fixing new water meters at various service connections in Thrissur Corporation area.	26/3/2016	GO(Rt) No.1329/2016/LSGD	03-01-00	Work completed	100%	Completed
2	16-17	Replacement of very old 80/100/125/200/300 AC pipes with 160PVC and 200/300/mm DI pipes at various places in Thrissur corporation	2/11/2017 revised AS dtd 8.10.2021			Work completed	100%	completed
3	17-18	Laying of distribution lines from existing OHT at Kizhakumpattukara to Nellikunnu area for around 15 km with varying dia pipelines-(Dia 200 mm DI to 110 mm PVC	13/11/2017	GO(Rt) No.3652/2017/LSGD	06-01-00	Work completed	100%	Completed

#### PROJECT DIVISION NATTIKA

#### THRISSUR

#### WATER SUPPLY SECTOR

1	15-16	Rehabilitation of Thrissur Corporation WSS to Koorkancherry Zone - Supply and laying separate branched gravity main of 400mm DI K9 and replacement of 700mm PREMO with 700mm DI K9 pipe, and supply erection and commissioning of 65HP centrifugal motor pumpset for replacing of existing old pumpsets - 2nos at Koorkancherry sump allied works.	23/2/2017  23/7/2020 (Revised A.S)			Work completed. Bill paid	100%	Completed
2	15-16	Completion of ongoing schemes - UWSS to Ollur and Edakkunni census town villages in Thrissur Corporation - Construction of 20L Ltrs capacity OHSR at Ollur and supplying, laying distribution lines and construction of retaining wall at WTP Arattupuzha.	23/2/2017 revised AS dtd 8.10.2021	Go(Rt)No.1951/2021/LSGD	13.96	20LL OHSR and distribution line work 100% completed.. Retaining wall WTP Arattupuzha -70%: part of retaining wall base beam, bottom mat and side wall works in progress.	100%	Completed
3	16-17, 17-18	Construction of new treatment plant of 20MLD WTP at Peechi	28/9/2017			WTP fully functional from 25/03/2021. Work has completed.	100%	Completed
4	16-17	Zoning and mapping of water supply system of Thrissur Corporation- Supply and Laying of various dia pipes-Part-1	1/1/2018 revised AS dtd 8.10.2021			Work completed.	100%	completed
5	17-18	Zoning and mapping of water supply system of Thrissur Corporation- Supply and Laying of various dia pipes-Part-2	1/1/2018 revised AS dtd 8.10.2021	Go(Rt)No.1951/2021/LSGD	17.71	Work completed on 12.02.2022	100%	completed
GURUVAYUR								
WATER SUPPLY SECTOR								
1	15-16	Improvements of coverage in Guruvayur Municipality - Laying distribution network for improvement of coverage in Guruvayur town area & Pookode zone.	28/9/2017 & Revised AS on 25/05/2020	GO(Rt) No. 3170/2017/LSGD	16-01-00	338 km pipe laid & interconnection works completed. Partially commissioned. Balance pipe to be laid in PWD common road (Chavakkad Wadakkanchery Road) with RWPM and CWPM 1250 m completed.	100%	Completed
3	16-17-18	Improvement of water supply system for Guruvayur (Package II)	28/9/2017 & Revised AS on 25/05/2020			Work divided in to 2 packages		
	16-17	Improvement of water supply system for Guruvayur (Package II) - Phase I				Work completed	100%	Completed
PALAKKAD								
WATER SUPPLY SECTOR								
WS PROJECT DIVISION PALAKKAD								
1	15-16	Providing new pumping main 600mm DI-K9 - 3400m from Puthur Jn. to Moothanthara OHSR (Part-1)	23/2/2017			Work completed	100%	Completed
	15-16	Providing new pumping main 450mm DI-K9 - 4650m from Mattumantha to Kalmandapam.	23/2/2017			Work completed	100%	Completed
2	16-17	600mm DI K9 New pumping main - From Malampuzha WTP to Mattumantha DI- K9 pipe 600 mm – 2850 m.	15/08/2017			Work completed	100%	Completed
	16-17	Supply and erection of electromagnetic flow meter.	15/08/2017			Work completed	100%	Completed
	16-17	Construction of 16L Ltrs OHSR at Kalmandapam KWA and demolishing the existing OHSR.	15/08/2017			Work completed	100%	Completed

3	16-17	Construction of 45 MLD water treatment plant at Malampuzha, KWA compound and booster station.	28/09/2017	GO(Rt) No.3170/LSGD	22-01-00	Commissioning works, Scada monitoring installation works in progress.	100%	Completed
4	17-18	Replacement of raw water and clear water pump set, transformers and electrification	23/12/2017 Revised A.S on 26/03/2021			90% Completed Clear Pumpsets trial running in progress, Raw water pumpsets 2 nos replaced.	100%	Completed
	17-18	Constuction of OHSR 2 Nos , total 76.5LL capacity				1) 23.5LL OHSROHSR major works completed 2) 37LL OHSR major works completed. Painting works in progress.	100%	Completed
5	17-18	Augmentation of Water Supply Scheme to Palakkad Mauncipality - Part III- Package II - Providing Rider main, changing of water connections and replacement of existing AC Pipelines to DI/PVC pipelines in Palakkad Muncipality. (Revised AS)	23/12/2017 & Revised AS on 03/01/2020			Work divided in to 3 packages. Package I- 99% completed., Package II- 100 % completed and Package III- 99% completed.	100%	Completed
	17-18	Mattumantha Zone				Line charging works at Mattumantha Murukani road.	100%	Completed
	17-18	Moothanthara Zone				Interlinking work in progress	100%	Completed
	17-18	Kalmandapam Zone				Completed	100%	Completed
KOZHIKODE								
WATER SUPPLY SECTOR								
PH DIVISION KOZHIKODE								
1	15-16	Rehabilitation of old pipes, valves, interconnections with existing lines and providing water meters	23/02/2017			Work split in to 8 packages		
	16-17	Rehabilitation of existing old pipes, valves and interconnection with the existing lines (Phase II)	2/11/2017 & Revised AS on 12/05/2020			Work split in to 7 packages- All Packages 100 % Completed.		Completed
3	16-17	Strengthening of existing infrastructure facilities, and quality improvement of CWSS in Kozhikode Corporation	11-02-17			Work split in to 3 packages		
	16-17	Package 1				Work completed on 22.12.21	100%	Completed
	16-17	Package 2-Civil Works				Work completed	100%	Completed
	16-17	Package 3 - Electrical Works				Work completed	100%	Completed
		TOTAL						
PROJECT DIVISION KOZHIKODE								
1	17-18	Integrated Calicut Water Supply Project - phase 2 - Laying of distribution Lines in 10 zones	01-01-18			Work split in to 10 packages		
	17-18	Package 1-Balamandiram				Work completed	100%	Completed
	17-18	Package 2 - East hill zone				Work completed	100%	Completed
	17-18	Package 3- Elathur zone				Work completed	100%	Completed

	17-18	Package 4-Eravathukunnu north one			Work completed	100%	Completed
	17-18	Package 5-Eravathukunnu south zone			Work completed	100%	Completed
	17-18	Package 6-Malaparamba zone			Work completed	100%	Completed
	17-18	Package 7-Pottammel zone			Work completed	100%	Completed
	17-18	Package 8-Cheruvannur zone			Work completed	100%	Completed
	17-18	Package 9-Kovoor zone			Work completed	100%	Completed
	17-18	Package 10-Beypur zone			Work completed	100%	Completed
KANNUR							
WATER SUPPLY SECTOR							
PROJECT DIVISION KANNUR							
1	15-16	Laying Gravity Main from JICA project at Mangattuparamba to Pallikkunnu OHSR for Pallikkunnu & Puzhathi Villages.	23/2/2017		Work completed on 21/01/2020 and commissioned	100%	Completed
2	15-16	Construction of 24LL OHSR at Pallikkunnu for Pallikkunnu & Puzhathi Villages.	23/2/2017 revised AS dtd 8.10.2021		Work Completed and commissioned on 03.05.2020	100%	Completed
3	15-16	Construction of 14LL capacity OHSR Thottada at Edakkad zone III in Kannur Corporation.	15/08/2017		Work completed, commissioned on 08.02.2020	100%	Completed
4	15-16	Rehabilitation of old distribution networks, valves, house service connections and inter-connections in Kannur Corporation SAAP 2015-16 - (Puzhathi)	28/9/2017 & Revised AS on 16/12/2019		Work Completed	100%	Completed
5	16-17	Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges-Phase II at Pallikkunnu.	28/9/2017 & Revised AS on 16/12/2019		Work completed	100%	Completed
6	16-17	Laying of gravity main from water supply system to Kannur at Melechowra to sump at Avera to OHSR at Thottada including erection of pumpsets at Avera in Kannur Corporation 2016-17	15/08/2017		work completed, Final bill submitted	100%	Completed
7	16-17	Enhancing capacity of treatment plant from 30 MLD to 40 MLD including modernisation of existing treatment plant.	11-02-17		Completed on 31/10/2020	100%	Completed
8	17-18	Supplying and Laying new distribution lines in Pallikkunnu and Puzhathi area providing new service connection and inter connection with existing lines.	2/11/2017 & Revised AS on 16/12/2019		Work Completed	100%	Completed
9	17-18	Laying new distribution line and providing new service connection at Elayavoor zone	23/12/2017 & Revised AS on 16/12/2019		Work Completed	100%	Completed
10	17-18	Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/ NH/ Corporation) at Elayavoor zone	23/12/2017 & Revised AS on 16/12/2019		Work completed	100%	Completed

## Annexure 8

### RKI - Status of works as on March 2022.

Details of KWA-RKI Project			Details of AS		Details of TS		Progress of Work as on 31/3/2022	Physical progress %	Expenditure as on 31.3.2022	Financial progress %
SL No	Name of Project	Components	Date of AS	AS Amount in Crores	TS Date	TS Amount in Crores				
1	Improvement of WSS to Cheranalloor Panchayat	Pumping Main 9.072 KM 450mm DI Pumping main (Thammanam pump house to Vadethodu tank site) 120HP - pumpsets-2Nos (1 No-standby)	GO (Rt)123/2020 P&EA Dtd 3.3.2020	21	29.09.2020	21	Pipe laying work in deviation completed. In the original work, some finishing works and supply are pending. Original work progress-54%(pre-closed) Progress of Deviation work-100%	54%+100%	3.264	43.65%
2	Distribution network for RWSS to TV Puram Panchayat	1. Laying various size 90mm - 160mm PVC, 200 and 250 mm DI pipes distribution line 45 km 2. 85 public taps 3. 1200 nos. new house connection 4. 2100 nos. alteration of existing connections  The distribution system is divided into 3 zones viz, Zone I (Moothedathukavu zone 8.42km), Zone II (TV Puram zone 8.61km) and zone III (Chemmanathukara zone 25km)	GO (Rt)123/2020 P&EA Dtd 3.3.2020	10.3	03-09-2020	9.97	Work divided into 2 packages Package 1 a) Distribution line- 45 km distribution line laid .b) Alterations-, New connections- completed Package 2-(100%) - Road restoration, pipe laying, and interconnection works are arranged separately in connection with the road work of PWD under NABARD- completed.	100%	3.765	53.74%

3	WSS to Kaduthuruthy and adjoining Villages - Supplying and laying Distribution system in Kuravilangadu Panchayath	0.82LL Sump cum PH, 4.5 LL GLSR, 3 LL OHSR, 50HP Pumpsets - 2 Nos, Distribution System - 92.98km, FHTC-2500	GO (Rt)123/2020 P&EA Dtd 3.3.2020	23	03-09-2020	22.6	a) OHSR and GLSR-OHSR and GLSR work at Oleekkamala-The arrangements floor beam concreting for the GL tank at oleekkamala is going on. The construction work for 82000Lsump at Thottuva in progress -side wall concreting and floor beam work going on b) Distribution system: Out of 92.98Km,40.99km supplied, 32.407 Km pipe laying completed, Bill for 27.049km submitted . Pumping main stabilisation work is progressing (2.1 kms completed) and pillar work at poovakkodu bridge is completed.	36%	4.904	24.17%
4	WSS to Erumeli Zone (I, III&V Part)	Distribution System 15.9KM, FHTC-600	GO (Rt)123/2020 P&EA Dtd 3.3.2020	5.5	07.07.2020	4.83	a) Distribution System: Out of 15.994 km distribution, Laying completed except 865m through NH .183 b)FHTC.360/600 connections given and under progress. Charging and commissioning of Zone III & V Part of the project completed with 6 km and 160 connections in Amakkunnu area. Lines to pakkanam area can be charged only after completing the pipelines through NH under this work (865m ) and under NABARD work (2.5 KM). MoRTH rejected applications for both works in Rkl and NABARD. Given the application again through ROW portal vide application no. ROW/1021236/25943 (ch.107/166 to 108/041 along NH 183 A) as per the direction in MD's review. The same again rejected saying the cutting application through NH be applied through MoRTH only which was already done. Further progress will be only after getting the NH sanction.	92%	1.987	68.96%
5	WSS to Erumeli Panchayat-Laying Distribution system in Zone 4 - Kanakapallam	Distribution System 16.9 KM, FHTC-500	GO (Rt)123/2020 P&EA Dtd 3.3.2020	4	14.07.2020	3.79	a) Distribution system, pumpsets installation and FHTC works completed . Charging and commissioning completed.	100%	3.11	99.79%

6	WSS to Pavaratty & Mullassery Panchayaths in Chavakkad Taluk- Phase 2	<p>Phase 1 - Distribution System Pavaratty- 48KM, FHTC-6775 Distribution system Mullassery- 61KM, FHTC-6801</p> <p>Phase 2 work includes construction of steel bridge along Koombully bridge and road restoration charges for gravity main work.Phase 3 -Interconnection works</p>	GO (Rt)123/2020 P&EA Dtd 3.3.2020	54.8	<p>Phasesec1-TS No. TS/2020-2021/2020/1857 7 dated.19.08.2020 Amount-44.72 Cr,Phase 2- TS/2021-2022/2021/361 Dated: 22-09-2021 Amount - 4.98Cr&amp; Phase 3-TS/2021-2022/2021/2298 98 Dated 22.02.2022 Amount 0.87 crores</p>	50.57	<p>Work divided in to 3 phases. Phase 1 -Distribution system Distribution system Out of total 109km,104km PVC and 5Km DI pipe supplied and 42.877km pipe laid in Mullassery Panchayath and36.78 pipe laid in Pavaratty Panchayath FHTC work started .In Mullassery Panchayath -1000 and in Pavaratty 500 nos given Total length laid 79.66 km. Phase 2 -Construction of steel bridge along Koombully bridge and road restoration charges for gravity main work.. Work tendered . Being no offer, tender extended a no. of times..Estimate revised as per DSR 2018 and tendered, still no offer. Estimate recasted and tendered ,as no offer received hence extended.Phase 3 - Interconnection works- . Two times Tendered, but no offers . Now again Re-tendered and 4 offers received and as quoted rate was high, submitted to Govt for appl.</p>	74%	1.2266	34.28%
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CWSS to Sulthanbathe ry Municipality, Noolpuzha and Muttill Grama Panchayat in Wayanad District	<p>Package 1</p> <p>Construction of 9LL OHSR at Vadachira, 7LL OHSR at Nirapath</p> <p>Construction of Booster station 1no</p> <p>Booster pump sets 2 sets</p> <p>Laying clear water transmission main using DI pipes- 12777m</p> <p>Laying Distribution using DI Pipes- 9365m, Laying Distribution using PVC Pipes- 43585m (160mm upto 90mm)</p> <p>Providing FHTC- 7300Nos using 20 mm PVC 10950 m, 40 mm PVC - 4350 m and 20 mm MDPE pipe 61240 m and Road Reformation</p> <p>Package 2</p> <p>Laying Distribution using PVC Pipes- 52815m</p> <p>Laying Distribution using DI Pipes- 6690m</p> <p>Providing FHTC- 7950Nos using 40 mm PVC pipe 4300 m, 20 mm MDPE pipe 66780 m</p> <p>Road Reformation</p> <p>Package 3</p> <p>Laying Distribution using PVC Pipes (160mm upto 90mm)</p>	GO (Rt)123/2020 P&EA Dtd 3.3.2020	64	TS/2020-2021/2020/72 16 dt.02.07.2020 TS/2020-2021/2020/73 82 dt.02.07.2020 02.07.2020	30.7	<p>Package 1 a)Laying c/w transmission main and distribution.Pipe supply completed. DI pipe - Total 22142 m / laid -5100m. PVC pipe - Total 43680m / laid -38200m. 40 &amp; 20 mm PVC &amp; 20 mm MDPE for service connection - 87570 m / Supplied 20000 m / laid -15000 m b).9 LL OHSR Vadachira - RCC work and Plastering work completed c) 7LL OHSR Nirappath RCC work and Plastering work completed .</p> <p>PWD NH Road Cutting permission need to obtain for NH 766 (14.9), PWD Road cutting permission need to obtain for 1 road.</p>	71%	25.515	51.87%
	<p>Laying Distribution using PVC Pipes- 52815m</p> <p>Laying Distribution using DI Pipes- 6690m</p> <p>Providing FHTC- 7950Nos using 40 mm PVC pipe 4300 m, 20 mm MDPE pipe 66780 m</p> <p>Road Reformation</p> <p>Package 3</p> <p>Laying Distribution using PVC Pipes (160mm upto 90mm)</p>				20.2	<p>Package 2: Distribution-Pipe supply completed. DI pipe Total - 6690 m / Supplied 6682.5 m / laid 2545 m. PVC pipe Total - 52815 m / Supplied 52824 m / laid 43500m. PVC &amp; MDPE for service connection 66780 m / supplied 35000 m / laid 14600 m.</p> <p>Municipality road reformation work in progress.Valve chamber and MS work in progress. PWD road cutting permission need to obtain for 1 road. PWD NH road cutting permission need to obtain for 0/000-5/590 Km (NH766)</p>	80%		

	<p>- 39573m Laying Distribution Providing FHTC- Using DI Pipes- 2948m 4600Nos using 40 mm 3800m &amp; 20 mm PVC 13800 m and 20 mm MDPE 5796 m. Construction of Compound Wall, Retaining wall, approach road at OHSR Kallupady, Ambalava yal and Booster station at Kaduvakuzhi, Approach road to Well cum pump house at Karapuzha. Road Reformation.</p>					11.6	<p>Package 3 a) Distribution:- Pipe supply completed. DI pipe total - 2948 m / Supplied 2944.5 m / laid - 2154.5 m. PVC pipe total - 39573 m / Supplied 39534m / laid 34050 m. PVC &amp; MDPE for service connection Total - 23396 / Laid 12800 m. b) Kallupady OHSR- Kallupady OHSR retaining wall completed. Kaduvakuzhi retaining wall completed. Valve chamber 8 Nos completed. distribution from 7 LL OHSR Kaduvakuzhi partially charged. PWD NH road cutting permission need to obtain for 3.5 Km</p>	91%		
8	<p>Preparation of DPR for rehabilitation of existing system and providing Sewerage/Septage management system for TVPM Corporation</p>	<p>i) Hydro-geological survey ii) Technical Feasibility of decentralized collection of sewage of low- lying areas and pumping it to the sewerage network to ensure 100% capacity utilization of 107MLD plant</p>	<p>G.O. (Rt.) No.371/2020/P&amp;EA dated 1.10.2020</p>	8		NA	<p>The work of DPR preparation of TVPM municipal corporation area entrusted to the firm by M/s REPL has been terminated vide order/ proceedings of the SE, Sewerage Circle, TVPM no. KWA/SE/SEW/EOI/REPL/338/20 20-21 dated 31.05.22 and to arrange the balance work at the risk and cost of the firm. The termination order is accorded to the firm due to lapses in completing the work assigned to them as per the agreed EOI. due to poor performance of the quality of the work including the survey, design and DPR preparation and also non submission of preparation of masterplan, Hydrogeological study, Environmental Impact Assessment, and Social Impact Assessment. .</p>	53%(Terminated)	0.01923	4.81%

9	Energy Optimisation and replacing the inefficient pumping systems	Energy Audit of 16 KWA pumping stations (HT), where highest energy charges are being paid. Energy Management Centre Kerala (EMC), Thiruvananthapuram is entrusted with the work of conducting energy audit.	G.O (Rt) No: 164/2021/WRD dated 26.02.2021	0.3	09.06.2021	0.2832	The work has been completed.	100%	0.1416	94.40%
10	Planning and Economic Affairs (RKI) Department- Administrative Sanction accorded for the proposal from KWA- Topographical Survey in 28 Selected ULBs and DER Preparation including Topographical Survey for 4 Municipal Corporations, viz., Kollam, Kochi, Kozhikode and Kannur, for Implementing Sewerage System"	Planning and Economic Affairs (RKI) Department- Administrative Sanction accorded for the proposal from KWA- Topographical Survey in 28 Selected ULBs and DER Preparation including Topographical Survey for 4 Municipal Corporations, viz., Kollam, Kochi, Kozhikode and Kannur, for Implementing Sewerage System"	16.08.2021	6 (unspent amt of work DPR prepen of Tvpm Corp)		6.00	Out of the 28 ULBs and 4 Corporations sanctioned under RKI , 100% survey completed for 27 ULBs . For the balance 1 ULBS (Kochi Corporation) survey details are available and control points checking only needed. These works are being arranged and are progressing . For the other 3 Corporations the survey works are started and are progressing/ ground truthing is being done. For the works with 100% survey completed the survey drawings are being scrutinised and the bills are being prepared for the ones with all the accurate survey drawings and report of the survey work.		0.5037	8.40%
11	Automation of Rural Pump Houses-	KWA has 2430 pumps out of which 1039 is submersible pumps, 416 is VT pumps, 850 centrifugal pumps and 125 other types. Of the above 608 submersible pumps are automated. automation of 29 pumps are ongoing. This project is intended to automate the remaining 402 submersible pumps and 416 Nos Vertical Turbine Pumps.	G.O.(Rt)No.74/2022/P& EA Dated 3.3.2022	11.42			Total - 363 submersible pumpsets, Completed - 183, Ongoing - 146, Non-starter -34			0.13%
	TOTAL			202.32					44.43613	

## Annexure 9

### Various Schemes in Operation of KWA in 2021-22.

SI No	Region	Circle	Division	Name of Scheme	Installed Capacity (MLD)
1	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	TWSS (AVK)	307
2	SR	PH Circle Thiruvananthapuram	PH Division South	TWSS (PTP)	34.5
3	SR	PH Circle Thiruvananthapuram	PH Division South	CWSS to Kovalam Tourist area, Vizhinjam corporation area, Kalliyoor and Venganoor panchayath	19.5
4	SR	PH Circle Thiruvananthapuram	PH Division South	TWSS (Filter House)	36
5	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Athiyannoor	1.9
6	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Parachakulam	0.53
7	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS Payattuville	1.5
8	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Uchakkada	3.64
9	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	CWSS to Kanjiramkulam, Karimkulam , Thirupuram and Poovar Villages	12
10	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Chavadi	0.8
11	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Pulimkudi	1.6
12	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Kottukal	1.5
13	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Poovar - Karichal	1.05
14	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Chowara	1.2
15	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	UWSS to Aralummoodu and Neyyattinkara Municipality	36
16	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	CWSS to Pallichal, Balaramapuram & Vilavoorkkal Pts.	15.5
17	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Attaramoola	0.5
18	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	UWSS to Neyyattinkara	4.6
19	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Marayamuttom	1.6
20	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	CWSS to Kalippara	36
21	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Vilavoorkkal	1
22	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Parassala	3.3
23	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Kunnathukal	5.5

24	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Aryancode	2.5
25	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Dhanuvachapuram(Tube well)	0.2
26	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Kuzhinjanvila(open well)	0.1
27	SR	PH Circle Thiruvananthapuram	WS Division Attingal	CWSS to Vakkom Anjengo	9
28	SR	PH Circle Thiruvananthapuram	WS Division Attingal	UWSS to Attingal Azhoor Kizhuvilam	12.5
29	SR	PH Circle Thiruvananthapuram	WS Division Attingal	WSS to Technocity, Pallippuram	9.1
30	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Sarkara Kadakam	0.2
31	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Venjaramoodu	0.2
32	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Nellanadu	4
33	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Vamanapuram	1
34	SR	PH Circle Thiruvananthapuram	WS Division Attingal	ARWSS to Edakkodu and adjoining Villages	11
35	SR	PH Circle Thiruvananthapuram	WS Division Attingal	ARWSS to Kilimanoor, Pazhayakunnummel and Madavoor Villages Villages	8.77
36	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Manjappara	0.1
37	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Kanara	1
38	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Pulimath	1.5
39	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Nagaroor	0.5
40	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Edavanakkonam	0.1
41	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Vellalloor	0.1
42	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Mulavanakunnu	0.1
43	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Vanchiyoar	0.1
44	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Ayilam - Elamba	1.5
45	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Aryankunnu	0.1
46	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Andoorkonam	0.1
47	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Kadinamkulam	1.7
48	SR	PH Circle Thiruvananthapuram	WS Division Attingal	CWSS TO VARKALA & ADJOINING VILLAGES	19
49	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO SREENIVASAPURAM	0.2
50	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO ANAKUZHY	0.15

51	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO KAYALPURAM	0.7
52	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO ALUVILAPURAM	0.15
53	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RGNDWM TO THOTTUMUGHAM	0.6
54	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO EDAVA (NEW)	0.15
55	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS TO EDAVA (OLD)	0.1
56	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Palachira	0.11
57	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Karathala	0.1
58	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Vennicode	0.065
59	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to kattuvila	0.15
60	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Vettoor Vilabhagam Valayantakuzhy	0.204
61	SR	PH Circle Thiruvananthapuram	WS Division Attingal	ARWSS to Karavam (Pavalla booster PH)	0.3
62	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Pallickal	0.1
63	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	CWSS to Kallara, Pangode, Panavoor, Pullampara and Vembayam	10
64	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	UWSS to Nedumangad	13.75
65	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Karakulam	5
66	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Anad	0.07
67	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	CWSS to Vithura Tholicode Villages	9.75
68	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Pannikuzhy	0.025
69	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Idinjar	0.05
70	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Palode	0.5
71	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Manickal	1
72	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Vilappil	3.35
73	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Kuttichal	0.5
74	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Poovachal	1
75	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Vellanad	3.25
76	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Aryanad	1.25
77	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Uzhamalakkal	1.5

78	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	RWSS to Venganoor	2.3
79	SR	PH Circle Thiruvananthapuram	WS Division Attingal	AWSS to Attingal	4.5
80	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	CWSS to Parassala and adjoining villages	2.4
81	SR	PH Circle Thiruvananthapuram	WS Division Neyyattinkara	WSS to Vizhnjam	3.3
82	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Ponmudi	0.02
83	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Puruthipara	0.25
84	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Poovachal	0.7
85	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Peringamala	0.5
86	SR	PH Circle Thiruvananthapuram	HW Division Aruvikkara	RWSS to Tholicodu	2.2
87	SR	PH Circle Thiruvananthapuram	WS Division Attingal	RWSS to Deveswaram	0.5
88	SR	PH Circle Kollam	PH Division Kollam	QWSS	60
89	SR	PH Circle Kollam	PH Division Kollam	QWSS (49 Nos of tube wells)	28.224
90	SR	PH Circle Kollam	PH Division Kollam	RWSS to Mynagappally ( 12 Nos of tube wells and one open wellat Pottakkannan mukku)	6
91	SR	PH Circle Kollam	PH Division Kollam	RWSS to Kunnathoor (one open well at Cheloor kayal)	1.23
92	SR	PH Circle Kollam	PH Division Kollam	RWSS to Sasthamkotta	36.5
93	SR	PH Circle Kollam	PH Division Kollam	RWSS to Poruvazhi (2 Nos of open wells)	2.5
94	SR	PH Circle Kollam	PH Division Kollam	RWSS to West Kallada (1 No. of tube well)	0.5
95	SR	PH Circle Kollam	PH Division Kollam	RWSS to Sooranadu South ( 3 Nos of tube wells)	2.14
96	SR	PH Circle Kollam	PH Division Kollam	RWSS to Sooranadu North ( 2 Nos of tube wells and one open wells)	1.39
97	SR	PH Circle Kollam	PH Division Kollam	CWSS to Oachira, Karunagappally, Alappad and Clappana	15
98	SR	PH Circle Kollam	PH Division Kollam	RWSS to Kulasekharapuram ( 3 Nos of tube wells)	1.425
99	SR	PH Circle Kollam	PH Division Kollam	RWSS to Alappad (3 Nos of tube wells)	1.425
100	SR	PH Circle Kollam	PH Division Kollam	UWSS to Karunagappally (3 Nos of tube wells)	1.425
101	SR	PH Circle Kollam	PH Division Kollam	RWSS to Thevalakkara (6 Nos of tube wells)	2.652
102	SR	PH Circle Kollam	PH Division Kollam	RWSS to Thekkumbhagom (3 Nos of tube wells)	1.872
103	SR	PH Circle Kollam	PH Division Kollam	RWSS to Thodiyor (6 Nos of tube wells)	2.604
104	SR	PH Circle Kollam	PH Division Kollam	RWSS To Thazhava (5 Nos of tube wells)	1.98

105	SR	PH Circle Kollam	PH Division Kollam	CWSS to Chavara, Panmana	11
106	SR	PH Circle Kollam	PH Division Kollam	RWSS to Thrikkaruva(10Nos of tube wells)	1.203
107	SR	PH Circle Kollam	PH Division Kollam	RWSS to Panayam(12 Nos of tube wells)	1.064
108	SR	PH Circle Kollam	PH Division Kollam	RWSS to Perinadu (9 Nos of tube wells)	1.119
109	SR	PH Circle Kollam	PH Division Kollam	RWSS to Mundrothuruth (5 Nos of tube wells)	0.591
110	SR	PH Circle Kollam	PH Division Kottarakkara	JICA Assisted KWSS to Meenad & Adj Villages	73
111	SR	PH Circle Kollam	PH Division Kollam	WSS to Paravur, ( 2 Nos of tube wells)	0.5
112	SR	PH Circle Kollam	PH Division Kollam	WSS to Koonayil, (3Nos of tube well)	0.7
113	SR	PH Circle Kollam	PH Division Kollam	WSS to Kalakkodu, (2Nos of tube well)	0.5
114	SR	PH Circle Kollam	PH Division Kollam	RWSS to Kalluvathukkal Parippally(Open Well)	1
115	SR	PH Circle Kollam	PH Division Kollam	RWSS to Mayyanad ( 2 Nos of tube wells)	0.65
116	SR	PH Circle Kollam	PH Division Kollam	RWSS to Kottamkara ( 11 Nos of tube wells)	3.6
117	SR	PH Circle Kollam	PH Division Kollam	WSS to Thrikkovilvattam and Nedumpana Panchayaths	5.5
118	SR	PH Circle Kollam	PH Division Kollam	RWSS to Thrikovilvattom ( 7 Nos of tube wells)	2.6
119	SR	PH Circle Kollam	PH Division Kollam	RWSS to Kottiyam, Perayam ( 3 Nos of tube wells)	0.97
120	SR	PH Circle Kollam	PH Division Kottarakkara	CARWSS to Kulathupuzha and Adj pt	10.5
121	SR	PH Circle Kollam	PH Division Kottarakkara	CWSS to Chithara and adj pt	9.72
122	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Vettamchira (open well)	0.87
123	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Chadayamangalam (open well)	0.18
124	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Kallumala (open well)	0.16
125	SR	PH Circle Kollam	PH Division Kottarakkara	UWSS to Punalur	9
126	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Edamon (open well)	0.18
127	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Urukunnu (open well)	0.35
128	SR	PH Circle Kollam	PH Division Kottarakkara	ARWSS to Thenmala (open well at Thenmala dam)	0.48
129	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Aryankavu (bore well)	0.15
130	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Achankovil (open well)	0.18
131	SR	PH Circle Kollam	PH Division Kottarakkara	ARWSS to Pathanapuram& Piravanthoor	5.65

132	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Mylom, Thalavoor, Pidavoo, Pattazhy & Pattazhy Vadakkekara	10.5
133	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Kadakkamon (open well)	0.2
134	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Dharmapuri (open well)	0.45
135	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Clavodu (open well)	0.1
136	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Velinelloor	1.5
137	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Memangalam (open well)	0.04
138	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Maravancode (open well)	0.04
139	SR	PH Circle Kollam	PH Division Kottarakkara	BAWSS to Kundara &adj Pt	16
140	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Kareepra	3
141	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Punukkannur Chira	3
142	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Elampalloor (open well)	0.09
143	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Ezhukone Pochakonam(open well)	0.09
144	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Maranadu (open well)	0.15
145	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Plakkadu	0.15
146	SR	PH Circle Kollam	PH Division Kottarakkara	ARWSS to Kulakkada & Pavithreswaram	5.7
147	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Vallam (open well)	0.15
148	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Anakottoor (open well)	0.15
149	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Vettikavala (open well)	0.07
150	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Mamachankunnu (tube well)	0.21
151	SR	PH Circle Kollam	PH Division Kottarakkara	RWSS to Vydhudhi Bhavan (tube well)	0.15
152	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Punukkannoor old (open well)	0.46
153	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Pullanjikkuzhy (open well)	0.07
154	SR	PH Circle Kollam	PH Division Kottarakkara	WSS to Kottappuram (open well)	0.19
155	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Kumarakom & Thiruvapur Panchayat	10
156	SR	PH Circle Kottayam	PH Division Kottayam	WSS Kottayam Sub Prject	16
157	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Manarcad	0.2
158	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Parathanamkunnu road	0.25

159	SR	PH Circle Kottayam	PH Division Kottayam	UWSS to Kottayam	12.5
160	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Ayarkunnam, Kooroppada, and Pambady	4
161	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Puthuppally	1.5
162	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Angady	0.08
163	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Pariyaram	0.06
164	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Thottakkad new	0.2
165	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Thottakkad old	0.06
166	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Kavalichira	0.06
167	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Puthuppally- Ericadu	0.09
168	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Pampady	0.06
169	SR	PH Circle Kottayam	PH Division Kottayam	CWSS to Ettumanoor and adjoining Villages	25
170	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Kattachira	0.05
171	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Athirampuzha	0.05
172	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Chirakkadavu-Kanjirappally Elikkulam	9
173	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Challoly	0.13
174	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Elampally	0.25
175	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Anicadu	0.2
176	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Mukkaly	0.2
177	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Karikkatoor	0.04
178	SR	PH Circle Kottayam	PH Division Kottayam	WSS To ERUMELY	10
179	SR	PH Circle Kottayam	PH Division Kottayam	RWSS To Mundakayam	0.45
180	SR	PH Circle Kottayam	PH Division Kottayam	RWSS To Kosady	0.2
181	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Parathodu	0.6
182	SR	PH Circle Kottayam	PH Division Kottayam	RWSS To Kalaketty	0.05
183	SR	PH Circle Kottayam	PH Division Kottayam	RWSS To Thumarampara	0.02
184	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Thevarupara	0.4
185	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Erattupetta	0.4

186	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Thidanadu	0.04
187	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Poonjar	0.24
188	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Poonjar Thekkekara	0.5
189	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Thalanadu	0.3
190	SR	PH Circle Kottayam	PH Division Kottayam	UWSS to Pala	4.25
191	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Puliyanoor ,Meenachil & Akalakunnam villages	2.5
192	SR	PH Circle Kottayam	PH Division Kottayam	ARWSS to Lalam Vallichira	0.5
193	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Ramapuram	0.15
194	SR	PH Circle Kottayam	PH Division Kaduthuruthy	ARWSS TO KIDANGOOR	2
195	SR	PH Circle Kottayam	PH Division Kaduthuruthy	RWSS TO ELAKKADU KURICHITHANAM AND PALAKKATTUMALA	0.65
196	SR	PH Circle Kottayam	PH Division Kaduthuruthy	RWSS TO VATTUKULANGARA	0.35
197	SR	PH Circle Kottayam	PH Division Kaduthuruthy	RWSS KUMMANNOOR	0.25
198	SR	PH Circle Kottayam	PH Division Kaduthuruthy	ARWSS to Veliyanoor and adjoining villages	45
199	SR	PH Circle Kottayam	PH Division Kottayam	RWSS to Vennimala (Old)	0.06
200	SR	PH Circle Kottayam	Project Division Kottayam	WSS to Manimala and adjoining Panchayats	9
201	CR	PH Circle Alappuzha	PH Division Alappuzha	JICA Assisted Water supply Scheme, Cherthala	107
202	CR	PH Circle Alappuzha	PH Division Alappuzha	UIDSSMT - Aug of WSS to Alappuzha municipality and 9 Adjoining Panchayath	62
203	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Punnapra North (Paravoor)	3
204	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Punnapra South	2.25
205	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Vandanam	2.25
206	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Kanjippadam	0.75
207	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Ambalappuzha	2.25
208	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Karumady	0.75
209	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Purakkad	3
210	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Thottapally	1.5
211	CR	PH Circle Alappuzha	PH Division Alappuzha	UWSS to Alappuzha	12
212	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Aryad	2.5

213	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Chettikad	2.5
214	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Mararikulam South	2
215	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Mannancherry	2
216	CR	PH Circle Alappuzha	PH Division Alappuzha	CWSS to Kayamkulam (M) and Arattupuzha	12
217	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Arattupuzha	5.24
218	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO MUTHUKULAM	2.22
219	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO KANDALLOOR	2
220	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO DEVIKULANGARA	2.11
221	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO PATHIYOOR	1.07
222	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO KRISHNAPURAM	1.47
223	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS TO Thrikunnapuzha	4.4064
224	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Kumarapuram	2.16
225	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Karthikappally	1.8144
226	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Pallippad	1.224
227	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Cheppad	0.432
228	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Cheruthana	1.296
229	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS tp Chingoli	0.648
230	CR	PH Circle Alappuzha	PH Division Alappuzha	UWSS to Harippad	0.432
231	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Karuvatta	1.8432
232	CR	PH Circle Alappuzha	PH Division Alappuzha	UWSS to Chengannur	2.25
233	CR	PH Circle Alappuzha	PH Division Alappuzha	Aug of UWSS to Chengannur	2.5
234	CR	PH Circle Alappuzha	PH Division Alappuzha	WSS to Pandavanpara	0.16
235	CR	PH Circle Alappuzha	PH Division Alappuzha	WSS to Noottavanpara	0.14
236	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Cheriyanadu	2.5
237	CR	PH Circle Alappuzha	PH Division Alappuzha	ARWSS to Cheriyanadu	2.5
238	CR	PH Circle Alappuzha	PH Division Alappuzha	ARWSS to Chennithala, Mannar, Kuruttussey and Thriperumthura villages	15
239	CR	PH Circle Alappuzha	PH Division Alappuzha	UWSS to Mavelikara	4.5

240	CR	PH Circle Alappuzha	PH Division Alappuzha	ARWSS to Nooranadu, Chunnakkara and adjoining panchayaht	10
241	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Thekkekkara	0.7
242	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Chettikulangara	0.25
243	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Vallikunnam	0.7
244	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Bharanikavu	0.7
245	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Thamarakulam	1.6
246	CR	PH Circle Alappuzha	PH Division Alappuzha	RWSS to Thazhakkara	1.2
247	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Konni Thazhom	3.5
248	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Vallicodu Kodumon	5.5
249	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Pramadam	2
250	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Konni Aruvappulam	2
251	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Malayalappuzha	1.65
252	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Malappara	0.75
253	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Thannithodu	1
254	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Ponthanamkuzhy	0.6
255	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	UWSS to Adoor & Adj. Panchayaths	12.5
256	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Kadambanadu	4
257	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	UWSS to Pandalam Municipality	8
258	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Chakkanchirumala	0.05
259	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	UWSS to Pathanamthitta	6
260	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Mylapra	1
261	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Elanthoor Mallapuzhassery	4.5
262	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Kulanada	2.5
263	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Omalloor	1.5
264	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Chennearkkara Mezhuvely	1.7
265	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Aranmula	1.4
266	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Pandalam, Thekkekkara Thumpamon	1.3

267	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Kozhencherry	5
268	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Elantoor	0.2
269	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Mezhuvely HC	0.1
270	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Punnakunnu HC	0.2
271	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Muttam HC	0.1
272	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Kadammanitta	0.1
273	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	CARWSS to Ranni, Pazhavangadi, Vadasserikkara	7.5
274	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS Vechuchira	2.25
275	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Adichipuzha	0.55
276	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Cherukole, Naranganam	0.8
277	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS Kollamula Kurumbanmoozhi	0.14
278	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Kudamurutty	0.1
279	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Madathumpadi	0.1
280	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Angadi	1
281	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Ayathala	0.6
282	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Karikulam	0.3
283	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Vadasserikkara	2.16
284	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Pezhumpara	1.9
285	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Perunadu	8
286	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Chittar and Meenkuzhy	1.8
287	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	RWSS to Kodumudy	0.35
288	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	CARWSS to Pampa and Sabarimala	13
289	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Chelachira HC ( Kurichi Homeo college)	0.05
290	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Thuruthy old	0.025
291	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Thuruthy Aug.	0.1
292	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Amara second stage	0.15
293	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS To Madappally HC Edappally	0.6

294	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Kanjirathumoodu	0.1
295	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Chethipuzha	0.1
296	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	CARWSS to madapally , vakathanam,karukachal	2.5
297	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Nedukunnam & Kangazha Kulathoormuzhy	1.36
298	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Vellavoor	0.1
299	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Kodungoor	0.4
300	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Manakaracherry	0.2
301	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Bangalakunnu	0.12
302	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Karukachal H C	0.15
303	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Njaliyakuzhy aug	0.3
304	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Pichanattukulam	0.3
305	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Njaliyakuzhy old	0.1
306	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Vakathanam 8&9	0.17
307	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Vakathanam 3&5 (Thottakkad)	0.025
308	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Vazhoor	0.19
309	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Mallappally	1.2
310	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Mullankuzhy	0.025
311	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Anicadu	2.06
312	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Perumpara	0.57
313	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	ARWSS to Kottangal	1.5
314	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Perumpetty	0.15
315	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Aruvickal	0.15
316	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Ayroor- Kanjeettukara	5
317	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Koipuram	1.1
318	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Thottappuzhassery	1.1
319	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Eraviperoor	1
320	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Puramattam Vennikkulam	1.2

321	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Ezhumatoor	0.9
322	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Kumbanad	0.024
323	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Thelliyoor Pond	0.06
324	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	KWSS to Kuttanad(WTP At Nerettupuram )	14
325	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Edathua	0.84
326	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Thakazhy	1.344
327	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Veeyapuram	0.672
328	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Kainakary	1.584
329	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Champakkulam	1.45
330	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Nedumudi	2.2
331	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Neelamperoor	0.12
332	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	WSS to Kuttanadu(WTP at Thiruvalla)	33
333	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	RWSS to Kaviyoor Kunnamthanam	3
334	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	UWSS to Thiruvalla-Changanacherry Municipalities	25
335	SR	PH Circle Pathanamthitta	PH Dn Thiruvalla	CRWSS to Nedumpuram, peringara, Niranam, Kadapra	14
336	SR	PH Circle Pathanamthitta	PH Division Pathanamthitta	WSS to Murugan kunnu HC	0.15
337	CR	PH Circle Kochi	PH Division Kochi	JNNURM WSS to Kochi City Part - 1	100
338	CR	PH Circle Kochi	WS Division Kochi	RWSS to Nagappady	0.5
339	CR	PH Circle Kochi	WS Division Kochi	RWSS to Poothotta	0.12
340	CR	PH Circle Kochi	WS Division Kochi	World Bank aided Water Supply Scheme to Puthencruz and adjoining panchayaths	7.2
341	CR	PH Circle Kochi	WS Division Kochi	Augmnt of WSS to Tripunithura Municipality and adjoining Pts	46
342	CR	PH Circle Kochi	WS Division Kochi	CWSS to Kadungalloor Karumalloor & Alangad Pts	15.5
343	CR	PH Circle Kochi	WS Division Kochi	GIDA - CWSS to Varappuzha & Kadamakkudy Pts	4.5
344	CR	PH Circle Kochi	PH Division Aluva	RWSS to Puthenvelikkara	3.6
345	CR	PH Circle Kochi	PH Division Aluva	RWSS to Parakkadavu	1.46
346	CR	PH Circle Kochi	PH Division Aluva	CWSS to Perumbavoor & Vengola	10
347	CR	PH Circle Kochi	PH Division Aluva	CWSS to Rayamangalam	2.3

348	CR	PH Circle Kochi	PH Division Aluva	RWSS to Koovapady	7.5
349	CR	PH Circle Kochi	PH Division Aluva	RWSS to Okkal	6
350	CR	PH Circle Kochi	PH Division Aluva	RWSS to Perumani/Ottathani	0.5
351	CR	PH Circle Kochi	PH Division Aluva	ARWSS to Vengoor East and West	2.5
352	CR	PH Circle Kochi	PH Division Aluva	RWSS to Munipara	0.2
353	CR	PH Circle Kochi	PH Division Aluva	RWSS to Vengoor	0.2
354	CR	PH Circle Kochi	PH Division Aluva	RWSS to Mudakkuzha	0.2
355	CR	PH Circle Kochi	PH Division Aluva	RWSS to Kuruppampady	0.2
356	CR	PH Circle Kochi	PH Division Aluva	RWSS to Nellimolam	0.2
357	CR	PH Circle Kochi	PH Division Aluva	RWSS to Keezhillam	0.2
358	CR	PH Circle Kochi	PH Division Aluva	RWSS to Kallil	0.2
359	CR	PH Circle Kochi	PH Division Aluva	RWSS to Asamannoor	0.2
360	CR	PH Circle Kochi	PH Division Aluva	WSS to Vazhakulam-Kizhakkambalam-Kunnathunadu	12
361	CR	PH Circle Kochi	PH Division Aluva	RWSS to Vilangu-Kavungaparambu	0.3
362	CR	PH Circle Kochi	PH Division Aluva	RWSS TO Kunnathunadu	0.2
363	CR	PH Circle Kochi	PH Division Aluva	RWSS to Airapuram	0.1
364	CR	PH Circle Kochi	PH Division Aluva	RWSS to Manchanadu	1
365	CR	PH Circle Kochi	PH Division Aluva	RWSS to Thattamugal	0.5
366	CR	PH Circle Kochi	PH Division Aluva	RWSS to Mannor	0.5
367	CR	PH Circle Kochi	PH Division Aluva	RWSS to Veettoor	0.1
368	CR	PH Circle Kochi	PH Division Aluva	UWSS to Angamaly	5.6
369	CR	PH Circle Kochi	PH Division Aluva	ARWSS to Kothakulangara South and Manickamangalam Villages	3.6
370	CR	PH Circle Kochi	PH Division Aluva	RWSS to Karukutty and Mookkannoor Panchayaths	4.5
371	CR	PH Circle Kochi	PH Division Aluva	LIC Aided RWSS to Malayattoor	1.6
372	CR	PH Circle Kochi	PH Division Aluva	RWSS to Karukutty	0.2
373	CR	PH Circle Kochi	PH Division Aluva	RWSS to Ezhattumugham	0.2
374	CR	PH Circle Kochi	PH Division Aluva	RWSS to Ayyampuzha	1.8

375	CR	PH Circle Kochi	PH Division Aluva	RWSS to Amalapuram and Thattupara	0.9
376	CR	PH Circle Kochi	PH Division Aluva	RWSS to Manjapara	1.3
377	CR	PH Circle Kochi	PH Division Aluva	RWSS to Tabore	0.3
378	CR	PH Circle Kochi	PH Division Aluva	RWSS to Cheethappara	0.4
379	CR	PH Circle Kochi	PH Division Aluva	CRWSS to Sreemoolanagaram and Kanjoor Pt	13.5
380	CR	PH Circle Kochi	PH Division Aluva	WSS to North Parur Municipality and adj pt	63
381	CR	PH Circle Kochi	PH Division Aluva	EMWSS	225
382	CR	PH Circle Kochi	WS Division Kochi	RWSS to Peechingachira	0.2
383	CR	PH Circle Kochi	WS Division Kochi	RWSS to Kutta	0.05
384	CR	PH Circle Kochi	WS Division Kochi	RWSS to Kadayiruppu	0.1
385	CR	PH Circle Kochi	WS Division Kochi	RWss to Mangattur	0.2
386	CR	PH Circle Kochi	WS Division Kochi	RWSS to Nirappamala	0.1
387	CR	PH Circle Kochi	WS Division Kochi	TWSS to Pariyaram	0.05
388	CR	PH Circle Thrissur	PH Division Irinjalakuda	CWSS to Chalakudy & RWSS to Aloor Thazhekkad (part)	6
389	CR	PH Circle Thrissur	PH Division Irinjalakuda	AUWSS to Chalakudy	11
390	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Pulipparakunnu	0.21
391	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Kodakara	0.84
392	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Kavanad	0.54
393	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Annampadam	0.16
394	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Mattathur and Kadambode	0.81
395	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Maniyankunnu , Kodyankunnu & Alathur	0.09
396	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Anandhapuram	0.16
397	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS to EMHS Aloor	0.07
398	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Aloor Thazhekkad (part)	1.65
399	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Aloor - Kallettukara	0.25
400	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Aloor - Kuzhikkattussery	0.25
401	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Aloor - Porunnamkunnu	0.15

402	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS To Kachery	0.15
403	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS To Sooryagramam	0.15
404	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS To Thengumvetozy	0.07
405	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS To Nenmanikkara	0.8
406	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS To Pookode and Mannampetta	0.15
407	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Varakkara & RWSS to Varantharappilly	0.46
408	CR	PH Circle Thrissur	PH Division Irinjalakuda	Aug of Thrikkur and Kallur villages	3
409	CR	PH Circle Thrissur	PH Division Irinjalakuda	RDWSS to Pudukad - Alagappanagar & Parappukkara .	6
410	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Mupliyam	0.8
411	CR	PH Circle Thrissur	PH Division Irinjalakuda	WGDP Parakkadavu	1
412	CR	PH Circle Thrissur	PH Division Irinjalakuda	ARWSS to Meloor & RWSS to Koratty-	6
413	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Kallur - Vadakkumury	0.9
414	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Pariyaram	1
415	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS to Chaippankuzhy	0.13
416	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS to Pongam	0.06
417	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Nalukettu	1
418	CR	PH Circle Thrissur	PH Division Irinjalakuda	WSS to Infopark-Bulk connection to Infopark	3.45
419	CR	PH Circle Thrissur	PH Division Irinjalakuda	Augmentation to IWSS to Irinjalakuda	7
420	CR	PH Circle Thrissur	PH Division Irinjalakuda	IWSS to Irinjalakuda	4.54
421	CR	PH Circle Thrissur	PH Division Irinjalakuda	RDWSS to Kattur, Padiyur, Poomangalam & RWSS to Karalam	8.1
422	CR	PH Circle Thrissur	PH Division Irinjalakuda	KPCTA - Karalam, Padiyur	1.5
423	CR	PH Circle Thrissur	PH Division Irinjalakuda	RWSS to Thottippal	0.8
424	CR	PH Circle Thrissur	PH Division Irinjalakuda	WSS Urakam and Adj villages , UWSS to Ollur Edakunni & AUWSS to chevoor marathakara	18
425	CR	PH Circle Thrissur	PH Division Irinjalakuda	WSS to Paralam	2.5
426	CR	PH Circle Thrissur	PH Division Irinjalakuda	CWSS to OVC (Cherpu, Vallachira), Avinissery	2.5
427	CR	PH Circle Thrissur	PH Division Irinjalakuda	WSS to KPCTA Chazhoor, Thanniam Anthikkad	2.5
428	CR	PH Circle Thrissur	PH Division Irinjalakuda	CWSS to Nattika Firka	20

429	CR	PH Circle Thrissur	PH Division Irinjalakuda	CWSS to Mala & Adj Panchayaths , KMWSS	26.1
430	CR	PH Circle Thrissur	PH Division Irinjalakuda	CWSS to Methala Eriyad Edavilangu and Kadukutty Panchayaths	15
431	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Ollukkara	1.5
432	CR	PH Circle Thrissur	PH Division Thrissur	Augmentation of TWSS	36
433	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Ramavarmapuram	0.25
434	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Valiyaparambu	0.03
435	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Poomala	0.1
436	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Varadium	0.05
437	CR	PH Circle Thrissur	PH Division Thrissur	Thrissur Water Supply Scheme (TWSS)	14.5
438	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Puthur	0.15
439	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Puzhamballam	0.1
440	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Marathakkara	0.06
441	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Marottichal	0.05
442	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Vettukad	0.05
443	CR	PH Circle Thrissur	PH Division Thrissur	UIDSSMT – WSS to Chavakkad Guruvayur Municipality	13
444	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kandanassery	0.6
445	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Orumanayoor	0.55
446	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Tholur	0.025
447	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Ponnore	0.015
448	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Pavaratty	0.2
449	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Irubramnellur	0.025
450	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kundazhiyoor	0.025
451	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kadapuram	0.1
452	CR	PH Circle Thrissur	PH Division Thrissur	ARWSS to Chiranellur	1.2
453	CR	PH Circle Thrissur	PH Division Thrissur	PRWSS (Pavaratty Regional Water Supply Scheme)	21
454	CR	PH Circle Thrissur	PH Division Thrissur	KGWSS & CWSS	7
455	CR	PH Circle Thrissur	PH Division Thrissur	CWSS to Wadakkanchery & Adj. Villages	8.6

456	CR	PH Circle Thrissur	PH Division Thrissur	CARWSS to Kadangodu & Adj.Panchayaths	8.6
457	CR	PH Circle Thrissur	PH Division Thrissur	CARWSS to Thekkumkara	3
458	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Cheruthuruthy & Nedumpura Villages	4
459	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Desamangalam	0.9
460	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kumaranellur	0.6
461	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Enkakkad	0.5
462	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Chalikunnu	0.6
463	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Koraloor	0.6
464	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Eyyal	0.7
465	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Mandamparambu	0.6
466	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kanjiral	0.6
467	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Kiraloor	0.4
468	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Velloor	0.6
469	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Vellattajoor	0.5
470	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Pazhavor	0.5
471	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Panniyadi	0.6
472	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Nellikunnu	0.75
473	CR	PH Circle Thrissur	PH Division Thrissur	CARWSS Thiruvilwamala, Kondazhy villages.	4
474	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Thiruvilwamala (Pampady)	1.3
475	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Mayannur	0.4
476	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to chelakkode	0.14
477	CR	PH Circle Thrissur	PH Division Thrissur	AUWSP Chelakkara CT	1
478	CR	PH Circle Thrissur	PH Division Thrissur	RWSS to Attoor	0.1
479	CR	PH Circle Thrissur	PH Division Thrissur	CARWSS to Pangarappilly	0.4
480	CR	PH Circle Thrissur	PH Division Irinjalakuda	BWSS to Elamthuruthy	0.3
481	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	UWSS to Muvattupuzha and Marady	10.5
482	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	CARWSS to Mulavoor, Assamannoor and Thrikkariyoor	7

483	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Valakam	3.5
484	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Arakkuzha	2
485	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Manjalloor	2.75
486	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Madakkathanam	1.5
487	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Avoli	2.25
488	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	CARWSS to Kadavoor, Kalloorkkad, Kumaramangalam	2.63
489	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Enanalloor	0.9
490	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Kavana	1.5
491	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Velloorkkara	0.01
492	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	UWSS to Koothattukulam	6
493	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	UWSS to Piravom and adjoining Panchayaths	16
494	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Ramamangalam	2.45
495	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Ayyanthanam	0.3
496	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Pathikal	0.2
497	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Maneed and Mulamthuruthy	3.5
498	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Amballoor, Edakkattuvayal, Udayamperoor	9
499	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Arakunnam	0.025
500	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Kulayattikkara	0.02
501	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Parpamcode	0.025
502	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Pulikkamaly	0.035
503	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Karikode	0.03
504	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Kaipattoor	0.025
505	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	UWSS to Kothamangalam	9
506	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Varappetty	3.75
507	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Kuttampuzha	2.5
508	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Kuttampuzha (Vadattupara Zone)	1
509	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS Kuttamangalam, Neriamangalam	3.25

510	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	WGDP To Chembankuzhy	0.5
511	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Pindimana	3.5
512	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Pothanicaad and Pallarimangalam	0.95
513	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	NCPC Pallarimangalam-SSF	0.95
514	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	ARWSS to Keerampara	1.5
515	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Nellikkuzhy	2
516	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Trikkariyur	0.5
517	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	SCP Chelikkuzhithand	0.5
518	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Kottappady (old)	0.6
519	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Kottappady (New)	0.95
520	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	NRDWP Aug of RWSS to Kottappady	1.5
521	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	RWSS to Paingottoor	0.5
522	CR	PH Circle Muvattupuzha	PH Division Muvattupuzha	WGDP to Chathamattam	0.5
523	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	UWSS to Thodupuzha & Kumaramagalam-	27
524	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	CARWSS to Alakode & Adj villages	14
525	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Edavetty	3.5
526	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Anchiri	0.03
527	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Ezhalloor	0.075
528	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Perumballichira	0.4
529	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	TWSS to Uriyarakunnu	0.05
530	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kaliyar Pachila	0.05
531	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Mulapuram	0.02
532	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	NRDWP to RWSS Manakkad and purapuzha	8
533	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Muttom	2
534	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kannadippara	0.05
535	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	TWSS to Illichary (Muttom)	0.025
536	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Karimkunnam (Mattathippara)	1.5

537	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Vadakkummury	0.05
538	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Puthedom and Vattakkanni	0.03
539	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kudayathoor	1.5
540	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Karimkunnam (Azhagumpara)	1.2
541	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Arakulam	0.5
542	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Illiyari (Kattoli)	0.5
543	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	ARWSS to Idukki-Kanjikuzhi	5
544	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kulamavu	0.2
545	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Karimbanmanipara	0.1
546	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Perumkaala	0.05
547	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Rajakad -Rajakumari	1.5
548	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Santhanpara	0.1
549	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Udumbanchola	0.3
550	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kalkoonthal	0.1
551	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS Nedumkandam Pampaadumpara	0.3
552	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Chakkakaanam	0.1
553	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Pampadumpara	0.05
554	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	TWSS to Kattapana	0.1
555	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	TWSS to Valiyakandam	0.25
556	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kadamakuzhy	0.1
557	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Marykulam	0.6
558	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Chenninaykankudy	0.1
559	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	ARWSS to Erattayar	2.5
560	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Munnar	3.5
561	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Devikulam	0.2
562	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Kunjithanni	0.2
563	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Adimali	2.6

564	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	CARWSS to Elappara and Adjoining Villages	9.5
565	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Vandiperiyar	1.75
566	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Puliyanmala	0.2
567	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Vandanmedu	0.21
568	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	ARWSS to Chakkupallam and Periyar Village	4.5
569	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Mulamkunnu	0.23
570	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Mukkulam	0.13
571	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Peruvanthanam	0.009
572	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	RWSS to Mlappara	0.075
573	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Karnikkadu	0.009
574	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Peermade	0.13
575	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Pambanar	0.18
576	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Kallarithuval	0.092
577	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Ranimudi	0.038
578	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Pattumudi	0.038
579	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Kumily	1.25
580	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Upputhara	0.43
581	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Passuppara	0.02
582	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Wagomon	0.145
583	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Uluppooni	0.028
584	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Pullikkanam	0.045
585	CR	PH Circle Muvattupuzha	PH Division Thodupuzha	WSS to Narakampuzha	0.09
586	NR	PH Circle Palakkad	PH Division Shornur	UWSS to Ottappalam	13
587	NR	PH Circle Palakkad	PH Division Shornur	BWSS to Pathankulam	0.09
588	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Velliyad	0.09
589	NR	PH Circle Palakkad	PH Division Shornur	BWSS to Nellikurussi	0.07
590	NR	PH Circle Palakkad	PH Division Shornur	CWSS to Mannarkkad & Thenkara	7

591	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Karimba	1.28
592	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Thachanattukara	0.26
593	NR	PH Circle Palakkad	PH Division Shornur	CWSS to Karakkurissi & Adj. Panchayaths	7
594	NR	PH Circle Palakkad	PH Division Shornur	CWSS to Sreekrishnapuram & adj. Panchayaths	11
595	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Karimpuzha	4
596	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Cherppulassery	1.13
597	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Nellaya-Kulukkallur	6
598	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Vilayur-Koppam	1.67
599	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Thiruvegappara	2.74
600	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Paruthur	0.92
601	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Muthuthala	1.15
602	NR	PH Circle Palakkad	PH Division Shornur	RWSS to Ongallur, vallapuzha	1.15
603	NR	PH Circle Palakkad	PH Division Shornur	UWSS to Shornur Municipality & vaniyamkulam Panchayath	20
604	NR	PH Circle Palakkad	PH Division Shornur	CWSS to Anakkara, Pattithara & Kappur Panchayath	8
605	NR	PH Circle Palakkad	PH Division Shornur	TWSS to Nagalassery	0.05
606	NR	PH Circle Palakkad	PH Division Palakkad	NRDWP WSS to Kodumbu and Polpully	5
607	NR	PH Circle Palakkad	PH Division Palakkad	Palakkad water supply scheme	21.5
608	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Pudussery	8
609	NR	PH Circle Palakkad	PH Division Palakkad	UIDSSMT to Chittur Thathamangalam Municipality	3.45
610	NR	PH Circle Palakkad	PH Division Palakkad	ARWSS to Koduvayur Pudunagaram Panchayath	4.5
611	NR	PH Circle Palakkad	PH Division Palakkad	CWSS to Nalleppilly, Elappully, Perumatty & Pattanchery Pts.	18
612	NR	PH Circle Palakkad	PH Division Palakkad	CRWSS to Kozhinjampara and adjoining villages	5
613	NR	PH Circle Palakkad	PH Division Palakkad	CWSS to Kollengode and ADJ. Panchayats	4.5
614	NR	PH Circle Palakkad	PH Division Palakkad	CWSS to Nenmmara Ayilor and Melarcode	12.5
615	NR	PH Circle Palakkad	PH Division Palakkad	NRDWP-CWSS to Kannadi, Kuzhalmannam & Thenkurussi	9.5
616	NR	PH Circle Palakkad	PH Division Palakkad	NRDWP-CWSS to Peringottukurussi & Kuthanur	4.5
617	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Kizhakkenchery	1.15

618	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Kannambra	0.6
619	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Puducode	0.6
620	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Tarur	0.6
621	NR	PH Circle Palakkad	PH Division Palakkad	WSS to Thoonakkadavu - Parambikulam	0.025
622	NR	PH Circle Palakkad	PH Division Palakkad	RWSS to Nalleppilly	0.3
623	NR	PH Circle Kozhikode	PH Division Kozhikode	ARWS Koduvally	1.2
624	NR	PH Circle Kozhikode	PH Division Kozhikode	RWS Koduvally	0.14
625	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS Madavoor	0.313
626	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS Kizhakothe	0.4
627	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS Thamarassery	0.28
628	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS Mukkam	0.14
629	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS Nellikampoyil	0.25
630	NR	PH Circle Kozhikode	PH Division Kozhikode	TWSS KTC Estate	0.1
631	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS Thiruvambady	0.25
632	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Kodenchery	1.114
633	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS to Koorottupara(natural Source)	0.3
634	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS to Kandappanchal	0.55
635	NR	PH Circle Kozhikode	PH Division Kozhikode	WSS Koovappara-Malamkunnu	0.14
636	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Chathamangalam	0.7
637	NR	PH Circle Kozhikode	PH Division Kozhikode	TWSS to Thachampoyil	0.02
638	NR	PH Circle Kozhikode	PH Division Kozhikode	TWSS Kayyellikkal	0.04
639	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Kodyathoor	0.18
640	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Cheruvatta	0.18
641	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Aduvad	0.22
642	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Kayalam	0.14
643	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Koodathumpoyil	0.08
644	NR	PH Circle Kozhikode	PH Division Kozhikode	RWSS to Ambramala	0.08

645	NR	PH Circle Kozhikode	PH Division Kozhikode	Calicut Water Supply Scheme (72)	72
646	NR	PH Circle Kozhikode	PH Division Kozhikode	Calicut Water Supply Scheme (174)	174
647	NR	PH Circle Kozhikode	PH Division Vatakara	CWSS to Koyilandy and Adj Pt	12
648	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Narakkankunnu (Non WTP WTP)	0.11
649	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Ponpara & Moyorkunnu (Non WTP WTP)	0.11
650	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Perambra	0.11
651	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Kayanna	0.22
652	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Paleri	1
653	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Kayakodi - Kavilumpara	0.2
654	NR	PH Circle Kozhikode	PH Division Vatakara	Augmentation to BWSS	12
655	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Thiruvallur, Ayanchery, etc Villages	1.2
656	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Madappalli	0.01
657	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Payamkuttimala	0.01
658	NR	PH Circle Kozhikode	PH Division Vatakara	Vatakara WSS	4
659	NR	PH Circle Kozhikode	PH Division Vatakara	Kunnummal and Adjoining & Villages	7
660	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Malayil OLHC	0.01
661	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Chekiad	0.25
662	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Bhoomivathukal	0.2
663	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Aduppil Kettil	0.01
664	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Kollam	0.02
665	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Kakrattukunnu	0.03
666	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Komathukara	0.08
667	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Varakunnu	0.05
668	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Neelancherymala	0.03
669	NR	PH Circle Kozhikode	PH Division Vatakara	ARWSS to Unnikulam & Sivapuram	0.03
670	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Atholi	0.03
671	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Pullilamala	0.02

672	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Payyoli	0.07
673	NR	PH Circle Kozhikode	PH Division Vatakara	SCP-WSS to Kottakunnu	0.07
674	NR	PH Circle Kozhikode	PH Division Vatakara	WSS to Kottathuruthi	0.03
675	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Pottankandy	0.08
676	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Moozhikkal Meethal	0.08
677	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Thikkodi	0.03
678	NR	PH Circle Kozhikode	PH Division Vatakara	SCP-WSS to Kidanjikunnu	0.09
679	NR	PH Circle Kozhikode	PH Division Vatakara	SCP-WSS Moiloorkunnu	0.06
680	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Meppayur town improvement	0.04
681	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Pootheripara	0.04
682	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Dharmakunnu, Nedumbrakunnu	0.06
683	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Kottakunnu, Rarayatukunnu & Puthupatakunnu	0.08
684	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Poothady	4.5
685	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Ambalavayal	2.25
686	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Bathery Noolpuzha Panchayath	4.5
687	NR	PH Circle Kozhikode	PH Division Sultan Bathery	CWSS to Pulpally & Mullankolly Panchayath	5
688	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Krishnagiri, Purakkady and Ambalavayal Villages	5
689	NR	PH Circle Kozhikode	PH Division Sultan Bathery	ARWSS to Vemom, Nellunadu and Porunnannur	2.5
690	NR	PH Circle Kozhikode	PH Division Sultan Bathery	ARWSS To Thirunelly	2.5
691	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Panamaram (Anchukunnu& kuppathodu Villages)	2.4
692	NR	PH Circle Kozhikode	PH Division Sultan Bathery	NABARD assisted WSS to Mananthavady Edavaka and Nalloornadu villages	10
693	NR	PH Circle Kozhikode	PH Division Sultan Bathery	ARWSS to Kaniyambetta	2.5
694	NR	PH Circle Kozhikode	PH Division Sultan Bathery	UWSS to Kalpetta	10
695	NR	PH Circle Kozhikode	PH Division Sultan Bathery	RWSS to Muttill one I, III & IV	0.15
696	NR	PH Circle Kozhikode	PH Division Sultan Bathery	RWSS to Vythiri	0.2
697	NR	PH Circle Kozhikode	PH Division Sultan Bathery	RWSS to Moopainad	0.5
698	NR	PH Circle Kozhikode	PH Division Sultan Bathery	RWSS to Pinangode	0.1

699	NR	PH Circle Kozhikode	PH Division Sultan Bathery	ARWSS to Padinjarathara &Thariode Villages	4
700	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Gandhinagar	0.01
701	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Chundale	0.05
702	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Thirunelly Temple and surrounding tribal colonies	1
703	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Sasimala	0.25
704	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Vellamunda	0.3
705	NR	PH Circle Kozhikode	PH Division Sultan Bathery	WSS to Seethamount	0.25
706	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Erankottummal	0.005
707	NR	PH Circle Kozhikode	PH Division Vatakara	RWSS to Chambiloramala	0.08
708	NR	PH Circle Malappuram	PH Division Malappuram	CRWSS to Tirurangaddi	3.6
709	NR	PH Circle Malappuram	PH Division Malappuram	CRWSS to Tirurangaddi (East Zone of Tirurangadi)	1
710	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to AR Nagar Panchayat	0.7
711	NR	PH Circle Malappuram	PH Division Malappuram	WSS to Kannamangalam	4
712	NR	PH Circle Malappuram	PH Division Malappuram	Jalanidhi- WSS to Urakam/ Vengara/ Parappur Pts.	11
713	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Munniyur, thenhippalam, Chelembra and Peruvallur Panchayats (M/T/C/P)	3
714	NR	PH Circle Malappuram	PH Division Malappuram	CRWSS to Parappanangadi , Vallikunnu Panchayaths	1
715	NR	PH Circle Malappuram	PH Division Malappuram	UWSS to Nilambur	4.5
716	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Amarambalam	1.6
717	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Edakkara	1
718	NR	PH Circle Malappuram	PH Division Malappuram	WSS to Padinjattumpadam	0.25
719	NR	PH Circle Malappuram	PH Division Malappuram	UWSS Manjeri	12
720	NR	PH Circle Malappuram	PH Division Malappuram	UWSS to Anakkayam & Panthallur Village	8
721	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Mampad	0.5
722	NR	PH Circle Malappuram	PH Division Malappuram	Nabard aided WSS to Areacode	4
723	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Urangattiri	1.15
724	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Keezhuparamba	1
725	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Kavanoor	0.6

726	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Kodur (Konkayam, Nooradi & TWSS Parayarangadi)	2.17
727	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Koottilangadi	4.61
728	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Padinhattumuri (Mothi & Unnamthala)	2
729	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Mundayilpadi	0.5
730	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Makkaraparamba	0.2
731	NR	PH Circle Malappuram	PH Division Malappuram	WSS to Othukkungal and Ponmala Panchayaths	11
732	NR	PH Circle Malappuram	PH Division Malappuram	UIDSSMT- MWSS to Malappuram Municipality	3.5
733	NR	PH Circle Malappuram	PH Division Malappuram	MWSS to Malappuram Municipality	9
734	NR	PH Circle Malappuram	PH Division Malappuram	MWSS to Malappuram - Hajiyarpalli	0.5
735	NR	PH Circle Malappuram	PH Division Malappuram	UWSS to Perinthalamanna Municipality and Adjoining Panchayaths (Angadipuram, Elamkulam and Pulamanthole Panchayaths)	19
736	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Thazhekcode	0.18
737	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Wandoor	0.6
738	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Kalikavu	6
739	NR	PH Circle Malappuram	PH Division Malappuram	ARWSS to Thuvvur	0.6
740	NR	PH Circle Malappuram	PH Division Malappuram	RWSS to Pandikkad	0.6
741	NR	PH Circle Malappuram	PH Division malappuram	CARWSS to Moorkanad and adjoining villages	15
742	NR	PH Circle Malappuram	PH Division malappuram	TWSS to Mankada (near Karkkidakam Thodu and Karkkidakam School compound	0.5
743	NR	PH Circle Malappuram	PH Division malappuram	CARWSS to Cheeckode and Adjoining Villages	41
744	NR	PH Circle Malappuram	PH Division malappuram	WSS to Kuzhimanna & Muthuvalloor Panchayaths	0.04
745	NR	PH Circle Malappuram	PH Division Edappal	UWSS to Tirur	17
746	NR	PH Circle Malappuram	PH Division Edappal	CARWSS to Thirunavaya and Adj Pt	12
747	NR	PH Circle Malappuram	PH Division Edappal	RWSS to Kottakkal Parapur	2.25
748	NR	PH Circle Malappuram	PH Division Edappal	Jalanidhi WSS to Thenmala, Perumana Clari and Ozhur Pt	13
749	NR	PH Circle Malappuram	PH Division Edappal	ARWSS to Valavanoor & Kalpakanchery	6
750	NR	PH Circle Malappuram	PH Division Edappal	UWSS to Ponnani and ARWSS to Ezhuvathiruthy and Adj pts	4.49
751	NR	PH Circle Malappuram	PH Division Edappal	RWSS to Ponnani	4

752	NR	PH Circle Malappuram	PH Division Edappal	RWSS tp Palapetty	0.3
753	NR	PH Circle Malappuram	PH Division Edappal	DWSS to Edappal and adj pt	10.5
754	NR	PH Circle Malappuram	PH Division Edappal	RWSS to OthuKKungal	0.1
755	NR	PH Circle Malappuram	PH Division Edappal	RWSS to Irimbillyam Valancherry	6
756	NR	PH Circle Malappuram	PH Division Edappal	RWSS to Thazhethara	0.9
757	NR	PH Circle Malappuram	PH Division Edappal	RWSS to Unniyal	0.1
758	NR	PH Circle Malappuram	PH Division Edappal	RWSS to OZhur	0.1
759	NR	PH Circle Kannur	WS Division Kannur	WSS to Kannur Adjoining Panchayaths	30
760	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kunnumai Ambedkar colony	0.025
761	NR	PH Circle Kannur	WS Division Kannur	RWSS to Valapattanam	0.025
762	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kattamballi	0.025
763	NR	PH Circle Kannur	WS Division Kannur	RWSS to Chirakkal	0.05
764	NR	PH Circle Kannur	WS Division Kannur	ARWSS to Edakkad Zone -II	0.2
765	NR	PH Circle Kannur	WS Division Kannur	RWSS - Nilappanakunnu SC Colony	0.025
766	NR	PH Circle Kannur	WS Division Kannur	RWSS - Eachur SC Colony	0.04
767	NR	PH Circle Kannur	WS Division Kannur	RWSS - Varam Thakkalipeedika	0.025
768	NR	PH Circle Kannur	WS Division Kannur	RWSS to Ayippuzha-kalapara	0.05
769	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kallur SC Colony	0.01
770	NR	PH Circle Kannur	WS Division Kannur	WSS to Kolachery & Adjoining Panchayaths	13.7
771	NR	PH Circle Kannur	WS Division Kannur	WSS to Keezhoor & Chavassery Villages	46
772	NR	PH Circle Kannur	WS Division Kannur	RWSS TO IRITTY	0.09
773	NR	PH Circle Kannur	WS Division Kannur	RWSS TO KARIKKOTTAKKARI	0.05
774	NR	PH Circle Kannur	WS Division Kannur	RWSS TO ASANKUNNU	0.05
775	NR	PH Circle Kannur	WS Division Kannur	RWSS TO PARACKAMALA	0.12
776	NR	PH Circle Kannur	WS Division Kannur	RWSS TO AYIRAKKALAM	0.01
777	NR	PH Circle Kannur	WS Division Kannur	RWSS TO VILAMANA	0.01
778	NR	PH Circle Kannur	WS Division Kannur	RWSS TO KOLIKADAVU	0.01

779	NR	PH Circle Kannur	WS Division Kannur	RWSS TO MUNDAYAMPARAMBA	0.01
780	NR	PH Circle Kannur	WS Division Kannur	RWSS TO METELE PUNNAD	0.009
781	NR	PH Circle Kannur	WS Division Kannur	RWSS To Sankarankandy	0.011
782	NR	PH Circle Kannur	WS Division Kannur	WSS to Anjarakandy Peralassery and adjoining pts.	46
783	NR	PH Circle Kannur	WS Division Kannur	WSS to Thalassery, Mahi and adjoining Panchayaths	36
784	NR	PH Circle Kannur	WS Division Kannur	ARWSS to Mangattidam Zone II	0.2
785	NR	PH Circle Kannur	WS Division Kannur	WSS to Kuthuparamba Municipality,Kottayam& Pattiyam Census Towns	15
786	NR	PH Circle Kannur	WS Division Kannur	RWSS to Peravoor	0.07
787	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kelakam	0.04
788	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kottiyoor	0.02
789	NR	PH Circle Kannur	WS Division Kannur	RWSS to Adakkathodu	0.13
790	NR	PH Circle Kannur	WS Division Kannur	RWSS to Perunthanam	0.02
791	NR	PH Circle Kannur	WS Division Kannur	RWSS to Valayamchal	0.02
792	NR	PH Circle Kannur	WS Division Kannur	Rwss to Nananipoyil	0.015
793	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kottakunnu	0.02
794	NR	PH Circle Kannur	WS Division Kannur	RWSS to Muzhakunnu	0.15
795	NR	PH Circle Kannur	WS Division Kannur	RWSS to Manjalapuram Vazhikudimala	0.008
796	NR	PH Circle Kannur	WS Division Kannur	RWSS to Trippangottoor	0.5
797	NR	PH Circle Kannur	WS Division Kannur	WSS to Panniyannur CT, Panoor& Mokeri Panchayaths	6.5
798	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kannavam	0.02
799	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kottayam Mouveri	0.006
800	NR	PH Circle Kannur	WS Division Kannur	RWSS to Paral	0.025
801	NR	PH Circle Kannur	WS Division Kannur	ARWSS to Kodiyei Zone I	0.1
802	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kurichiyil	0.06
803	NR	PH Circle Kannur	WS Division Kannur	RWSS to Chokly	0.01
804	NR	PH Circle Kannur	WS Division Kannur	RWSS to Kariyad	0.01
805	NR	PH Circle Kannur	WS Division Kannur	ARWSS to Kodiyei Zone II	0.05

806	NR	PH Circle Kannur	WS Division Kannur	RWSS to Vayalalam Parsikkunnu	0.05
807	NR	PH Circle Kannur	WS Division Thaliparamba	JICA aided WSS to Pattuvam and Adjoining Villages	93
808	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Arimbra	0.03
809	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Chempei & Ambazhathumchal	0.04
810	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Ettupara	0.03
811	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Payyavoor	0.91
812	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Pooparamba	0.04
813	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Valakkai	0.03
814	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Vathilmada	0.0275
815	NR	PH Circle Kannur	WS Division Thaliparamba	ARWSS to Padiyur and vayathur village zone -II	1.5
816	NR	PH Circle Kannur	WS Division Thaliparamba	ARWSS to Padiyur and vayathur village zone - 1,	5.5
817	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Kallody	0.016
818	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Kottayad	0.02
819	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Karthikapuram	0.3
820	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Naduvil	0.03
821	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Alakode	0.04
822	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Karakkunnu	0.01
823	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Ezhome	0.02
824	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Cheruthazham SC Colony	0.02
825	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Edatt Valluva Colony	0.05
826	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Kunhimangalam	0.03
827	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Ezhilod Chakliya colony	0.015
828	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Kotta	0.015
829	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Kuttur	0.05
830	NR	PH Circle Kannur	WS Division Thaliparamba	WSS to Naval Academy,Ramanthali & CRPF Peringome	8
831	NR	PH Circle Kannur	WS Division Thaliparamba	RWSS to Ettikulam	0.1
832	NR	PH Circle Kannur	PH Division Kasaragod	WSS to BRDC	7.4

833	NR	PH Circle Kannur	PH Division Kasaragod	WSS to Madikai	3
834	NR	PH Circle Kannur	PH Division Kasaragod	ARWSS to Malom & Balal	1.8
835	NR	PH Circle Kannur	PH Division Kasaragod	WSS to Belur and adjoining Villages	3
836	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Melabara	0.1
837	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Velutholi	0.03
838	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Ajanur	0.126
839	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Gandhipuram	0.14
840	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kanhangad	1.4
841	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to veleshwaram	0.06
842	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Panathady	0.162
843	NR	PH Circle Kannur	PH Division Kasaragod	WSS to West Eleri	3
844	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Mouveni	0.04
845	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Olevara	0.045
846	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kannamkai Edakai	0.06
847	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Vayalodi	0.045
848	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Barma	0.045
849	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Trikaripur	0.055
850	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Meeliyat	0.06
851	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Madhuramkai	0.03
852	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Kunathur	0.05
853	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Mundakandam	0.06
854	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Maicha	0.08
855	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Madikunnu	0.045
856	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kadangod	0.06
857	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Achamthuruthy	0.06
858	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kaithakkad	0.06
859	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Karyamkod Thottumpuram	0.045

860	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Chathamath	0.04
861	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Karuvachery	0.045
862	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kayyur	0.06
863	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Nileshtar	0.1
864	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Purathekal	0.045
865	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Trikaripur Kadappuram	0.03
866	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Oriyera	0.045
867	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Panniyerinhakolly	0.02
868	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Mattalai	0.04
869	NR	PH Circle Kannur	PH Division Kasaragod	WSS to KayyurCheemeni	3
870	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Enmakaje & Adjoining Villages	4
871	NR	PH Circle Kannur	PH Division Kasaragod	ARWSS to Badiadka & Neerchal villages	1.866
872	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Munnad, Bedadka & Kuttikkol villages	3
873	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Baradka	0.01
874	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Muliyar	0.33
875	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Karivedakam	0.02
876	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Kuthaje	0.05
877	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Kalladakkutty	0.02
878	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Madhur	0.25
879	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Mogralputhur	0.25
880	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Pernadka	0.03
881	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Paravandukka & Melparamba	0.18
882	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Chattanchal	0.06
883	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Thekkilparamaba	0.03
884	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Bendichal	0.02
885	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Kombanadukkam	0.01
886	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Cherkala	0.06

887	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Paikka	0.04
888	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Indira Nagar	0.06
889	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Koppa	0.03
890	NR	PH Circle Kannur	PH Division Kasaragod	ARWSS to Vorkady and adjoining villages	2
891	NR	PH Circle Kannur	PH Division Kasaragod	ARWSS to Uppala and adjoining villages	3
892	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Bambrana and Koipady	0.6
893	NR	PH Circle Kannur	PH Division Kasaragod	WSS TO Manjeswaram-Hosebettu and Chouki	0.07
894	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Vamanjur Kaje	0.02
895	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Kadambar	0.02
896	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Shantipallam-I	0.01
897	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Shantipallam-II	0.01
898	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Peruvad	0.01
899	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Mavinakatta	0.01
900	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Kumbala	0.04
901	NR	PH Circle Kannur	PH Division Kasaragod	RWSS to Manjeshwar	0.07
902	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Ichilamkod	0.01
903	NR	PH Circle Kannur	PH Division Kasaragod	MWSS to Olayam	0.03
904	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Bangara Manjeshwar-Angadipadavu	0.03
905	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Kunjathur	0.06
906	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Pappamkoyanagar	0.02
907	NR	PH Circle Kannur	PH Division Kasaragod	Kasaragod & Chemmanad Panchayath	55
908	NR	PH Circle Palakkad	PH Division Palakkad	CWSS to Kozhinjampara, Eruthempathy & Vadakarapathy Pts.	12.5
909	NR	PH Circle Palakkad	PH Division Palakkad	CWSS to Chittur-Thathamangalam Municipality & Vadavannur Panchayath	8
910	NR	PH Circle Kannur	PH Division Kasaragod	TWSS to Peral Kannur	0.001

**Annexure 10**  
**JJM – Status of works for 2021-22.**

SI No	District	AS Number	Scheme Name	Scheme Type	Agency Name	Scheme FHTC	Scheme Amount	Panchayat	FHTC No	Amount	FHTC given since April 2020
1	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMWSStoAla,Puliyoor,Budhanoor,Pandanad,Mulakuzha,Venmony,Cheriyanaad	mvs - new	kwa	20329	3475.9	Ala	3948	676.6	0
2	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSStoAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	28172	4470.62	Ambalapuzha North	10547	1141.51	2000
3	Alappuzha	G.O.(Rt)No.777/2020/WRD	AugofRWSSStoAmbalapuzha(North)Panchayath	mvs - revised	kwa	0	1335.47	Ambalapuzha North	0	1335.47	2210
4	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSStoAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	28172	4470.62	Ambalapuzha South	8673	1255.6	2554
5	Alappuzha	G.O.(Rt)No.541/2020/WRD	RWSSStoArattupuzha	mvs - new	kwa	1000	134.4	Arattupuzha	1000	134.4	1125
6	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	31178	3784.2	Arookutty	1637	207.1	1183
7	Alappuzha	G.O.(Rt)No.134/2022/WRD	WSStoCherthalaTaluk	mvs - new	kwa	850	192.27	Aroor	850	192.27	434
8	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	31178	3784.2	Aroor	330	44.8	850
9	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMWSStoAryanaad,MannacheryandMararikulamSouth	mvs - new	kwa	22676	3762.46	Aryad	3967	678.3	884
10	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSStoAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	11000	1475.33	Aryad	2000	292.03	2000
11	Alappuzha	G.O.(Rt)No.541/2020/WRD	ARWSSStoBharanikkavuandadjoiningPanchayaths	mvs - new	kwa	18841	7303.15	Bharanikavu	9758	4084.36	2705
12	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMWSStoAla,Puliyoor,Budhanoor,Pandanad,Mulakuzha,Venmony,Cheriyanaad	mvs - new	kwa	20329	3475.9	Budhanoor	5280	902.2	0
13	Alappuzha	G.O.(Rt)No.489/2021/WRD	JJM-WSStoKuttanaad	mvs - new	kwa	26582	4503.6	Champakulam	1619	269.1	47
14	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSStoKuttanaad	mvs - new	kwa	1700	193.4	Champakulam	350	37.4	350
15	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	31178	3784.2	Chennampallippuram	4401	471.6	2772

16	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoMannar,Chennithala	mvs - new	kwa	5685	957	Chennithala Thripperumth ura	3518	597.8	1629
17	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoMannarChennithala	mvs - new	kwa	12968	7265.9	Chennithala Thripperumth ura	6128	3414.9 3	1633
18	Alappuzha	G.O.(Rt)No.777/20 20/WRD	MicroWaterSupplySchemetoChennithalaThripperunt hura	svs - new	gwd	366	59.35	Chennithala Thripperumth ura	366	59.35	0
19	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoCheppad	mvs - new	kwa	546	149.7	Cheppad	546	149.7	873
20	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJM/SSStoAla,Puliyoor,Budhanoor,Pandanad,Mulak uzha,Venmony,Cheriyanaad	mvs - new	kwa	20329	3475.9	Cheriyanaad	3024	512.5	650
21	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSS To Cheriyanaad	mvs - new	kwa	1300	350.4	Cheriyanaad	1300	350.4	700
22	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	33517	4317.3	Cherthala South	8324	1070.5	5907
23	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoCheruthana	mvs - new	kwa	1068	178.1	Cheruthana	1068	178.1	1104
24	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoChettikulangara	mvs - new	kwa	188	61.1	Chettikulanga ra	188	61.1	188
25	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoChingoli	mvs - new	kwa	1349	277	Chingoli	1349	277	1387
26	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoNoornad,Chunakkara,Palamel,Thamarak ulam	mvs - new	kwa	1639	260.17	Chunakkara	596	93.05	1500
27	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoNooranad,Palamel,Chunakkara,Thamarak ulam,ARWSSStoNooranad,Palamel,Chunakkara,Tha ma	mvs - new	kwa	28200	6140.6	Chunakkara	5742	1301.9 6	1648
28	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoDevikulangara	mvs - new	kwa	1010	134.5	Devikulanga ra	1010	134.5	1405
29	Alappuzha	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKuttanad	mvs - new	kwa	26582	4503.6	Edathua	2738	465.9	15
30	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoKuttanad	mvs - new	kwa	1700	193.4	Edathua	150	19.4	150
31	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Ezhupunna	1741	232.4	1307
32	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	33517	4317.3	Kadakkara rappally	2081	279.7	1713
33	Alappuzha	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKuttanad	mvs - new	kwa	26582	4503.6	Kainakary	5047	851.1	183
34	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoKuttanad	mvs - new	kwa	1700	193.4	Kainakary	350	37	186
35	Alappuzha	G.O.(Rt)No.134/20 22/WRD	RWSSStoKandallur	mvs - revised	kwa	0	18	Kandalloor	0	18	237
36	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoKandallur	mvs - new	kwa	869	115	Kandalloor	869	115	700

37	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	33517	4317.3	Kanjikuzhi	5250	674.4	4989
38	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarthikappally	mvs - new	kwa	119	77.2	Karthigappall y	119	77.2	171
39	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoKaruvatta	mvs - new	kwa	1830	350.1	Karuvatta	1830	350.1	1873
40	Alappuzha	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKuttanad	mvs - new	kwa	26582	4503.6	Kavalam	7193	1222.9	0
41	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Kodamthurut hu	1449	186.5	1140
42	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoBharanikkavuandAdjoiningPanchayaths	mvs - new	kwa	3477	583.81	Krishnapura m	3026	468	1795
43	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoBharanikkavuandadjoiningPanchayaths	mvs - new	kwa	17009	5988.05	Krishnapura m	7167	2889.6 9	3026
44	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoKumarapuram	mvs - new	kwa	1345	219.3	Kumarapura m	1345	219.3	1408
45	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Kuthiathodu	1840	245.1	1324
46	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoAryanad,MannacheryandMararikulamSou th	mvs - new	kwa	22676	3762.46	Mannamcher y	11213	1832.3	1009
47	Alappuzha	G.O.(Rt)No.541/20 20/WRD	UWSSStoAlappuzhaMunicipalityand8adjoiningPancha yaths	mvs - new	kwa	11000	1475.33	Mannamcher y	4500	591.2	3500
48	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoMannar,Chennithala	mvs - new	kwa	5685	957	Mannar	2167	359.2	1809
49	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoMannarChennithala	mvs - new	kwa	12968	7265.9	Mannar	6840	3850.9 7	2200
50	Alappuzha	G.O.(Rt)No.777/20 20/WRD	MicroWaterSupplySchemetoMannarPanchayat	svs - new	gwd	172	23.45	Mannar	172	23.45	0
51	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	33517	4317.3	Mararikulam North	7311	944	5565
52	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoAryanad,MannacheryandMararikulamSou th	mvs - new	kwa	22676	3762.46	Mararikulam South	7496	1251.8 6	1543
53	Alappuzha	G.O.(Rt)No.541/20 20/WRD	UWSSStoAlappuzhaMunicipalityand8adjoiningPancha yaths	mvs - new	kwa	11000	1475.33	Mararikulam South	4500	592.1	3000
54	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoNooranad,Palamel,Chunakkara,Thamarak ulam,ARWSSStoNooranad,Palamel,Chunakkara,Tha ma	mvs - new	kwa	28200	6140.6	Mavelikkara Thamarakula m	6844	1520.4 4	3453
55	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoBharanikkavuandAdjoiningPanchayaths	mvs - new	kwa	3477	583.81	Mavelikkara Thekkekkara	451	70.81	196
56	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoBharanikkavuandadjoiningPanchayaths	mvs - revised	kwa	0	383.84	Mavelikkara Thekkekkara	0	383.84	0
57	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoBharanikkavuandadjoiningPanchayaths	mvs - new	kwa	17009	5988.05	Mavelikkara Thekkekkara	9842	3098.3 6	600

58	Alappuzha	G.O.(Rt)No.777/20 20/WRD	MicroWaterSupplySchemetoThekkakaraPanchayat	svs - new	gwd	197	42.9	Mavelikkara Thekkakara	197	42.9	0
59	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	33517	4317.3	Muhamma	4982	637.7	3570
60	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoAla,Puliyoor,Budhanoor,Pandanad,Mulak uzha,Venmony,Cheriyand	mvs - new	kwa	20329	3475.9	Mulakuzha	8077	1384.6	0
61	Alappuzha	G.O.(Rt)No.134/20 22/WRD	RWSSStoMuthukulam	mvs - revised	kwa	0	40	Muthukulam	0	40	0
62	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoMuthukulam	mvs - new	kwa	1656	202.6	Muthukulam	1656	202.6	1702
63	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMKuttanaddinkingwaterproject	mvs - new	kwa	14499	2458.1	Muttar	1008	166.9	66
64	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoKuttanad	mvs - new	kwa	150	19.4	Muttar	150	19.4	150
65	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMKuttanaddinkingwaterproject	mvs - new	kwa	14499	2458.1	Nedumudi	2477	420.2	159
66	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoKuttanad	mvs - new	kwa	1700	193.4	Nedumudi	350	37.1	250
67	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMKuttanaddinkingwaterproject	mvs - new	kwa	14499	2458.1	Neelamperoo r	3697	628.9	6
68	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoNoornad,Chunakkara,Palamel,Thamarak ulam	mvs - new	kwa	1639	260.17	Nooranad	920	145.05	457
69	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoNooranad,Palamel,Chunakkara,Thamarak ulam,ARWSSStoNooranad,Palamel,Chunakkara,Tha ma	mvs - new	kwa	28200	6140.6	Nooranad	6173	1465.1 1	3000
70	Alappuzha	G.O.(Rt)No.134/20 22/WRD	ARWSSStoNoornad,Chunakkara,Palamel,Thamarak ulam	mvs - new	kwa	1639	260.17	Palamel	123	22.07	180
71	Alappuzha	G.O.(Rt)No.541/20 20/WRD	ARWSSStoNooranad,Palamel,Chunakkara,Thamarak ulam,ARWSSStoNooranad,Palamel,Chunakkara,Tha ma	mvs - new	kwa	28200	6140.6	Palamel	9441	1853.0 9	3680
72	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoPallippad	mvs - new	kwa	1926	298	Pallippad	1926	298	1943
73	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Panavally	7408	795.1	3011
74	Alappuzha	G.O.(Rt)No.489/20 21/WRD	WSStoChengannurMunicipalityandadj.Pts.	mvs - new	kwa	13917	2376.5	Pandanad_A LP	3097	528.3	0
75	Alappuzha	G.O.(Rt)No.541/20 20/WRD	RWSSStoPathiyoor	mvs - new	kwa	1800	258	Pathiyoor	1800	258	1808
76	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Pattanakkad	4680	623.3	3214
77	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSStoCherthalaMunicipalityandadjoiningPanchayat hs	mvs - new	kwa	31178	3784.2	Perumbalam	1912	218.8	1293
78	Alappuzha	G.O.(Rt)No.489/20 21/WRD	JJM-WSStoKuttanad	mvs - new	kwa	26582	4503.6	Pulinkunnu	5438	925.7	0
79	Alappuzha	G.O.(Rt)No.489/20 21/WRD	WSStoChengannurMunicipalityandadj.Pts.	mvs - new	kwa	13917	2376.5	Puliyoor	4850	827.4	0

80	Alappuzha	G.O.(Rt)No.134/2022/WRD	WSSToAlappuzhaand8PtsinAmbalappuzhaTaluk	mvs - new	kwa	2966	770.66	Punnapra North	1307	370.39	307
81	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSToAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	28172	4470.62	Punnapra North	1970	356	3059
82	Alappuzha	G.O.(Rt)No.134/2022/WRD	WSSToAlappuzhaand8PtsinAmbalappuzhaTaluk	mvs - new	kwa	2966	770.66	Punnapra South	1659	400.27	595
83	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSToAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	28172	4470.62	Punnapra South	2077	444.31	2000
84	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSToAlappuzhaMunicipalityand8adjoiningPanchayaths	mvs - new	kwa	28172	4470.62	Purakkad	4905	1273.2	3642
85	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMkuttanad drinking water project	mvs - new	kwa	14499	2458.1	Ramankari	2406	409.7	0
86	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToKuttanad	mvs - retro	kwa	600	38.8	Ramankari	350	19.4	373
87	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	33517	4317.3	Thaiccattusser y	1455	182	1506
88	Alappuzha	G.O.(Rt)No.489/2021/WRD	JJM-WSSToKuttanad	mvs - new	kwa	26582	4503.6	Thakazhi	2607	440.2	100
89	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToKuttanad	mvs - new	kwa	1700	193.4	Thakazhi	150	17.7	135
90	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMkuttanad drinking water project	mvs - new	kwa	14499	2458.1	Thalavadi	2662	449.8	38
91	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToKuttanad	mvs - new	kwa	1700	193.4	Thalavadi	250	31.9	300
92	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	33517	4317.3	Thanneermuk kam	4114	529	4115
93	Alappuzha	G.O.(Rt)No.541/2020/WRD	RWSSToThazhakkara	mvs - new	kwa	985	171.3	Thazhakara	985	171.3	1246
94	Alappuzha	G.O.(Rt)No.777/2020/WRD	MicroWaterSupplySchemetoThazhakaraPanchayat	svs - new	gwd	448	83.17	Thazhakara	448	83.17	0
95	Alappuzha	G.O.(Rt)No.134/2022/WRD	JJMWSSToThiruvanddoorPanchayath	mvs - new	kwa	4209	2837.5	Thiruvand ur	4209	2837.5	69
96	Alappuzha	G.O.(Rt)No.541/2020/WRD	UWSSToChanganassery	mvs - new	kwa	540	67.3	Thiruvand ur	540	67.3	500
97	Alappuzha	G.O.(Rt)No.541/2020/WRD	RWSSToThrikkunnapuzha	mvs - new	kwa	173	84.2	Thrikkunnapu zha	173	84.2	464
98	Alappuzha	G.O.(Rt)No.134/2022/WRD	CherthalaKWSP	mvs - revised	kwa	0	187.58	Thuravoor	0	187.58	0
99	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	31178	3784.2	Thuravoor	2352	316	2560
100	Alappuzha	G.O.(Rt)No.541/2020/WRD	ARWSSToBharanikkavuandadjoiningPanchayaths	mvs - new	kwa	18841	7303.15	Vallikunnam	9083	3218.79	3354
101	Alappuzha	G.O.(Rt)No.541/2020/WRD	WSSToCherthalaMunicipalityandadjoiningPanchayaths	mvs - new	kwa	31178	3784.2	Vayalar	3428	443.5	2439
102	Alappuzha	G.O.(Rt)No.489/2021/WRD	JJM-WSSToKuttanad	mvs - new	kwa	26582	4503.6	Veeyapuram	1940	328.7	34

103	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoKuttanad	mvs - new	kwa	1700	193.4	Veeyapuram	100	12.9	100
104	Alappuzha	G.O.(Rt)No.134/20 22/WRD	JJMKuttanad drinking water project	mvs - new	kwa	14499	2458.1	Veliyanad	2249	382.6	277
105	Alappuzha	G.O.(Rt)No.541/20 20/WRD	WSSStoKuttanad	mvs - retro	kwa	600	38.8	Veliyanad	250	19.4	0
106	Alappuzha	G.O.(Rt)No.489/20 21/WRD	WSSStoChengannur Municipality and adj. Pts.	mvs - new	kwa	13917	2376.5	Venmony	5970	1020.8	3
107	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoPuthenkuruzand adjoining panchayath, TWSSStoPariyaram, RWSSStoNirappamala	mvs - retro	kwa	550	39.95	Aikaranad	150	10.95	0
108	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoPuthankuruz	mvs - new	kwa	1050	211.05	Aikaranad	300	59.05	528
109	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-2020-21 WSSStoAlangad Panchayath	mvs - new	kwa	4000	6159	Alangad	4000	6159	306
110	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangod, Kadungalloor and Karumalloor	mvs - new	kwa	3250	533.12	Alangad	600	127.5	1000
111	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangad, Kadungalloor and Karumalloor	mvs - retro	kwa	1250	90.88	Alangad	500	37.5	0
112	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoManeed, Mulamthuruthy, Edackattuvayal and Ambaloor Panchayath	mvs - new	kwa	11705	11846	Amballur	2792	2825.6 4	69
113	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEdakattuvayal Amballoor and Udayamperoor, RWSSStoKualyattikara	mvs - new	kwa	1430	231	Amballur	1430	231	1000
114	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoArakuzha and Palakuzha Panchayath in Ernakulam District	mvs - new	kwa	3243	3661.3	Arakuzha	3243	3661.3	121
115	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoArakuzha & TWSSStoThottakkara	mvs - retro	kwa	325	32.22	Arakuzha	325	32.22	0
116	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoArakuzha & TWSSStoThottakkara	mvs - new	kwa	575	92.78	Arakuzha	575	92.78	500
117	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoVengoor, Asamannoor & Mudakkuzha panchayats	mvs - new	kwa	11598	14197	Asamannoor	4027	5193.4 5	649
118	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoMulavoor, Asamannoor & Nellikuzhi RWSSStoAsamannoor	svs - new	kwa	450	56	Asamannoor	450	56	0
119	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM- Providing Functional Household Tap Connection in Avoly Panchayath	mvs - new	kwa	1043	785.62	Avoly	1043	785.62	106
120	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoAvoly & RWSSStoKavana	mvs - retro	kwa	430	37.08	Avoly	430	37.08	0
121	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoAvoly & RWSSStoKavana	mvs - new	kwa	870	147.92	Avoly	870	147.92	900
122	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-Providing FHTC to Ayavana Panchayath	mvs - new	kwa	2737	2996	Ayavana	2737	2996	217
123	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEnanelloor	svs - retro	kwa	250	22.46	Ayavana	250	22.46	0
124	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEnanelloor	mvs - new	kwa	350	61.54	Ayavana	350	61.54	400
125	Ernakulam	G.O.(Rt)No.134/20 22/WRD	Providing FHTC to Ayyampuzha and Malayattoor Neeleswaram panchayats	mvs - new	kwa	6414	3834	Ayyampuzha	1732	1494.1 6	354

126	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSStoAyyampuzhaPanchayaths	svs - revised	kwa	0	6.39	Ayyampuzha	0	6.39	0
127	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoAyyampuzha,RWSSAmalapuramandThattu ppara	svs - new	kwa	803	83.61	Ayyampuzha	803	83.61	500
128	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCToChellanamPanchayath.	mvs - new	kwa	1230	556	Chellanam	1230	556	1000
129	Ernakulam	G.O.(Rt)No.541/20 20/WRD	JNNURM-WSSStoChellanamKumbalangi	mvs - new	kwa	1362	156.55	Chellanam	1362	156.55	1700
130	Ernakulam	G.O.(Rt)No.541/20 20/WRD	NNURM-WSSStoChellanamKumbalangi	svs - retro	kwa	86	6.45	Chellanam	86	6.45	0
131	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStochenghamanadpt	mvs - revised	kwa	0	8.7	Chengamana d	0	8.7	0
132	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoChengamanadandNedumbasseri	svs - new	kwa	1835	191.6	Chengamana d	1385	146.3	1604
133	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoNorthParavurandadjoining	mvs - new	kwa	1986	303.65	Chennamang alam	1457	201.83	282
134	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoNorthparavurandadjoining	mvs - retro	kwa	950	92.18	Chennamang alam	450	60	950
135	Ernakulam	G.O.(Rt)No.134/20 22/WRD	EMWSS	svs - revised	kwa	0	12	Cheranallur	0	12	0
136	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFunctionalHouseholdTapConnectionsinMul avukadandCheranallurPanchayath	svs - new	kwa	938	180	Cheranallur	510	97.87	169
137	Ernakulam	G.O.(Rt)No.541/20 20/WRD	EMWSS	mvs - new	kwa	361	35	Cheranallur	361	35	900
138	Ernakulam	G.O.(Rt)No.541/20 20/WRD	AugtoParavurmunicipalityandadjpts	mvs - new	kwa	2983	425	Chittattukara	1615	225	5013
139	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJWSSStoEdathalaKeezhmaduandChoornikkaraPan chayts	mvs - new	kwa	13024	9368.78	Choornikkara	3408	2537.1 8	99
140	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoChoornikkara	svs - new	kwa	278	41.7	Choornikkara	278	41.7	278
141	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoChottanikkaraPanchayath	mvs - new	kwa	2360	794	Chottanikara	2360	794	67
142	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoThripunithuramunicipalityandRWSSStoNagapp ady	mvs - new	kwa	246	191.12	Chottanikara	246	191.12	550
143	Ernakulam	G.O.(Rt)No.541/20 20/WRD	1.WSSStoThripunithuramunicipalityandAdjoiningPanc hayath's2.RWSSStoNagappadyPH	mvs - retro	kwa	250	17.88	Chottanikara	250	17.88	250
144	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoManeed,Mulamthuruthy,EdakkattuvayalandA mbaloorPanchayath	mvs - new	kwa	11705	11846	Edakkattuvay al	2884	2918.7	447
145	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEdakkattuvayal,AmballoorandUdayampero or,RWSSStoPothottsandWSSStoThripunithuraMunic	mvs - new	kwa	880	155	Edakkattuvay al	880	155	500

146	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJWSSStoEdathalaKeezhmaduandChoornikkaraPan chayts	mvs - new	kwa	13024	9368.78	Edathala	6903	4488.8 8	359
147	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoEdathala	svs - new	kwa	246	36.9	Edathala	246	36.9	600
148	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStoKochiCity-Vypeencomponent	mvs - retro	kwa	1200	85.8	Edvanakkad	350	25.55	107
149	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStokochiCiy-VypinComponent	mvs - new	kwa	2534	436.2	Edvanakkad	700	114.45	600
150	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoElamkunnappuzhaPanchayath	mvs - new	kwa	400	167	Elamkunnapu zha	400	167	73
151	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStoKochiCity-Vypeencomponent	mvs - retro	kwa	1200	85.8	Elamkunnapu zha	300	21	300
152	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStokochiCiy-VypinComponent	mvs - new	kwa	2534	436.2	Elamkunnapu zha	700	118	1000
153	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-RWSSStoElanjiPanchayath	mvs - new	kwa	1379	4002.6	Elanji	1379	4002.6	196
154	Ernakulam	G.O.(Rt)No.541/20 20/WRD	UWSSStoPiravom	mvs - new	kwa	1200	211	Elanji	1200	211	300
155	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoNorthParavurandadjoining	mvs - new	kwa	1986	303.65	Ezhikkara	529	101.82	126
156	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoNorthparavurandadjoining	mvs - retro	kwa	950	92.18	Ezhikkara	500	32.18	500
157	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoMupathadam	svs - new	kwa	75	15.7	Kadamakudy	75	15.7	245
158	Ernakulam	G.O.(Rt)No.541/20 20/WRD	GIDA- WSSStoKadamakutyPt&KIFFBStrengtheningDistribu tion	mvs - new	kwa	446	48	Kadamakudy	446	48	600
159	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingfunctionalhouseholdtapconnectioninKo dungalloorPanchayath	mvs - new	kwa	9200	7248	Kadungalloor	9200	7248	20
160	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangod,KadungalloorandKarumallor	mvs - new	kwa	3250	533.12	Kadungalloor	1500	234	1700
161	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangad,KadungalloorandKarumalloor	mvs - retro	kwa	1250	90.88	Kadungalloor	400	28	400
162	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKaladyPanchayaths	svs - revised	kwa	0	5.78	Kalady	0	5.78	0
163	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKaladyPanchayath- providingdistributionsystemandFHTCs	mvs - new	kwa	4169	2849	Kalady	4169	2849	621
164	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKothakulangara,SouthandManickamangal amvillages	svs - new	kwa	2977	309	Kalady	1602	164.22	1000
165	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-RWSSStoKallorkaduPanchayath	mvs - new	kwa	1976	4138.2	Kalloorkkad	1976	4138.2	140
166	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKalloorkkad&RWSSStoVeloorkara	mvs - retro	kwa	120	11.8	Kalloorkkad	120	11.8	120
167	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKalloorkkad&RWSSStoVeloorkara	mvs - new	kwa	260	43.2	Kalloorkkad	260	43.2	

168	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CRWSSStoSreemoolanagaram&Kanjoor	mvs - new	kwa	763	76.83	Kanjoor	763	76.83	854
169	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarukutty&Mookkannoor	mvs - new	kwa	8653	4711.65	Karukutty	6411	3220.8 7	4321
170	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKarumalloorGramaPanchayts	mvs - new	kwa	3929	371	Karumalloor_ ALUVA	3929	371	0
171	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKarumallurandKunnukaraaPanchayaths.	mvs - new	kwa	8729	6313	Karumalloor_ ALUVA	2961	3492.6 1	31
172	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangod,KadungalloorandKarumallor	mvs - new	kwa	3250	533.12	Karumalloor_ Kochi_WS	1150	171.62	1150
173	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoAlangad,KadungalloorandKarumalloor	mvs - retro	kwa	1250	90.88	Karumalloor_ Kochi_WS	350	25.38	350
174	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKavalangadPanchayath	mvs - new	kwa	4287	3447	Kavalangad	4287	3447	270
175	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKuttamangalamNeriyamangalam	mvs - new	kwa	800	1023	Kavalangad	800	1023	600
176	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoKeeramparaPanchayath	mvs - new	kwa	2265	2524.8	Keerampara	2265	2524.8	182
177	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKeerampara	mvs - new	kwa	300	164	Keerampara	300	164	100
178	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJWSSStoEdathalaKeezhmaduandChoornikkaraPan chayts	mvs - new	kwa	13024	9368.78	Keezhmad	2713	2342.7 2	122
179	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKeezhmadu	svs - new	kwa	505	75.5	Keezhmad	505	75.5	700
180	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoVazhakkulam,KunnathunaduandKizhakk ambalam,ARWSSStoKunnathunad	mvs - new	kwa	20631	2814	Kizhakkamba lam	7324	931	3006
181	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKoovappady	svs - new	kwa	6553	812	Koovappady	6553	812	3258
182	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCToKottappadyPanchayath.	mvs - new	kwa	2548	950	Kottappady	2548	950	355
183	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSS to Kottappady	mvs - new	kwa	700	364	Kottappady	700	364	300
184	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoParavoorMunicipalityandadjoiningPanchayath s.	mvs - new	kwa	3250	1107	Kottuvally	2000	806	1566
185	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKumbalamPanchayath	mvs - new	kwa	242	64	Kumbalam	242	64	186
186	Ernakulam	G.O.(Rt)No.541/20 20/WRD	JNNURMScheme	svs - retro	kwa	150	10.95	Kumbalam	150	10.95	150
187	Ernakulam	G.O.(Rt)No.541/20 20/WRD	JUNNURMScheme	mvs - new	kwa	150	167.05	Kumbalam	150	167.05	300
188	Ernakulam	G.O.(Rt)No.541/20 20/WRD	JNNURM-WSSStoChellanamKumbalangi	mvs - new	kwa	1465	153.5	Kumbalangy	1465	153.5	1876
189	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoVazhakkulam,KunnathunaduandKizhakk ambalam,ARWSSStoKunnathunad	mvs - new	kwa	20631	2814	Kunnathunad	4500	791	3371
190	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKarumallurandKunnukaraaPanchayaths.	mvs - new	kwa	8729	6313	Kunnukara	5768	2820.3 9	131
191	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoAyiroor-perakkadavu	svs - new	kwa	220	22.2	Kunnukara	220	22.2	200

192	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKuttampuzhapanchayts	mvs - new	kwa	4630	4040.32	Kuttampuzha	4630	4040.32	178
193	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKuttampuzha	mvs - new	kwa	1800	740	Kuttampuzha	1800	740	1500
194	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSStoParavoorMunicipalityandadjoiningPanchayaths.	mvs - new	kwa	3250	1107	Kuzhuppilly	350	111	279
195	Ernakulam	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtoAyyampuzhaandMalayattoorNeeleswarampanchayts	mvs - new	kwa	6414	3834	MalayattoorNeeleswaram	4682	2339.84	110
196	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKothakulangara,SouthandManickamangalamvillages	svs - new	kwa	2977	309	MalayattoorNeeleswaram	1080	114	1000
197	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSStoManeed,Mulamthuruthy,EdackattuvayalandAmbaloorPanchayath	mvs - new	kwa	11705	11846	Maneed	2571	2601.98	300
198	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoManeedMulathuruthy	mvs - new	kwa	980	173	Maneed	980	173	366
199	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMprovidingFHTCtoRuralhouseholdsofManjalloor	mvs - revised	kwa	93	1160	Manjalloor	93	1160	0
200	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoManjalloor&RWSSStoMadakkathanam	mvs - new	kwa	1840	498.22	Manjalloor	1840	498.22	542
201	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoManjalloor&RWSSStoMadakkathanam	mvs - retro	kwa	460	45.78	Manjalloor	460	45.78	500
202	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoThuravurandManjapraPanchayts	mvs - new	kwa	6965	3626	Manjapra	2485	1624.22	182
203	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoManjapara	svs - new	kwa	575	60.6	Manjapra	575	60.6	400
204	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoRamamangalam,Marady&PampakudaPanchayats	mvs - new	kwa	5134	11843.38	Marady	1590	4352.74	0
205	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMarady	svs - new	kwa	390	55.57	Marady	390	55.57	200
206	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMarady	svs - retro	kwa	210	20.43	Marady	210	20.43	255
207	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoManjinad,Mannoor,Veettoor&Thattamol	svs - new	kwa	250	31.22	Mazhuvannoor	250	31.22	301
208	Ernakulam	G.O.(Rt)No.489/20 21/WRD	RWSS to Karukutty and Mookkannoor Panchayaths.	mvs - new	kwa	2248	1209	Mookkannir	2248	1209	452
209	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarukutty&Mukkannoor	mvs - retro	kwa	80	6	Mookkannir	80	6	3000
210	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarukutty&Mookkannoor	mvs - new	kwa	8653	4711.65	Mookkannir	2242	1490.78	
211	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoVengoor,Asamannoor&Mudakkuzhapanchayats	mvs - new	kwa	11598	14197	Mudakuzha	4167	4267.74	193

212	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToMudakuzha,ARWSSToVengoorE&W,ARW SSToKoovappady	svs - new	kwa	250	31.23	Mudakuzha	250	31.23	200
213	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSToManeed,Mulamthuruthy,EdackattuvayalandA mbaloorPanchayath	mvs - new	kwa	11705	11846	Mulamthuruth y	3458	3499.6 8	246
214	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSToManeedMulathuruthyRWSSToPulikkamalil, RWSSToArakunnam,RWSSToKarikkode	mvs - new	kwa	1370	234	Mulamthuruth y	1370	234	900
215	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCsinMulavukadPanchayath	svs - new	kwa	1128	229	Mulavucaud	1128	229	127
216	Ernakulam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFunctionalHouseholdTapConnectionsinMul avukadandCheranallurPanchayath	svs - new	kwa	938	180	Mulavucaud	428	82.13	400
217	Ernakulam	G.O.(Rt)No.541/20 20/WRD	EWSS	mvs - new	kwa	515	65	Mulavucaud	515	65	500
218	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSToParavoorMunicipalityandadjoiningPanchayath s.	mvs - new	kwa	3250	1107	Nayarambala m	600	119	700
219	Ernakulam	G.O.(Rt)No.777/20 20/WRD	Hudco-WSSToKochicity-VypeenComponent	mvs - new	kwa	364	60.43	Nayarambala m	364	60.43	299
220	Ernakulam	G.O.(Rt)No.777/20 20/WRD	Hudco-WSSToKochicity-VypeenComponent	mvs - retro	kwa	61	4.57	Nayarambala m	61	4.57	
221	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToChengamanadandNedumbasseri	svs - new	kwa	1835	191.6	Nedumbasse ry	450	45.3	477
222	Ernakulam	G.O.(Rt)No.489/20 21/WRD	CWSSToNellikuzhyPanchayathandKothamangalamM unicipality	mvs - new	kwa	8323	8933	Nellikuzhi	8323	8933	1023
223	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSNellikuzhy	mvs - new	kwa	2300	730	Nellikuzhi	2300	730	1500
224	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSToParavoorMunicipalityandadjoiningPanchayath s.	mvs - new	kwa	3250	1107	Njarakkal	300	71	300
225	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSToKochiCity-Vypeencomponent	mvs - retro	kwa	1200	85.8	Njarakkal	250	17.5	214
226	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSTokochiCiy-VypinComponent	mvs - new	kwa	2534	436.2	Njarakkal	200	54.5	200
227	Ernakulam	G.O.(Rt)No.134/20 22/WRD	RWSSToOkkal	svs - revised	kwa	0	31	Okkal	0	31	0
228	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToOkkal	svs - new	kwa	4789	594	Okkal	4789	594	2519
229	Ernakulam	G.O.(Rt)No.134/20 22/WRD	WSSToPaingottorPanchayathinErnakulamDistrict	mvs - revised	kwa	0	250	Paingottur	0	250	0
230	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSToPaingottorPanchayath	mvs - new	kwa	2991	1724	Paingottur	2991	1724	103
231	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToPaingottor	mvs - new	kwa	500	230	Paingottur	500	230	400
232	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JMM-RWSSToPaipraPh2	mvs - new	kwa	5818	7368.17	Paipra	5818	7368.1 7	497

233	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoMulavoorRWSStoZoolamkuzhy,TWSSSto Chennarthedam&RWSStoThrikkalathur	mvs - new	kwa	1050	197.5	Paipra	1050	197.5	600
234	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoMulavoor,RWSStoZoolamkuzhy,TWSSSto Chennarthadam&RWSStoThrikkalathoor	mvs - retro	kwa	750	72.5	Paipra	750	72.5	800
235	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSStoPalakkuzha	svs - retro	kwa	120	11.09	Palakuzha	120	11.09	160
236	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSStoPalakkuzha	mvs - new	kwa	240	114.91	Palakuzha	240	114.91	240
237	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoPothanikadandPallarimangalamPanchayaths	mvs - new	kwa	4222	4616	Pallarimangal am	3561	3893.3 2	170
238	Ernakulam	G.O.(Rt)No.541/20 20/WRD	NCPCPallarimangalam	mvs - new	kwa	900	314	Pallarimangal am	900	314	900
239	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStoKochiCity-Vypeencomponent	mvs - retro	kwa	1200	85.8	Pallippuram	300	21.75	300
240	Ernakulam	G.O.(Rt)No.541/20 20/WRD	Hudco-WSSStokochiCiy-VypinComponent	mvs - new	kwa	2534	436.2	Pallippuram	934	149.25	409
241	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoRamamangalam,Marady&PampakudaPancha yats	mvs - new	kwa	5134	11843.38	Pampakuda	1895	2380.9 8	253
242	Ernakulam	G.O.(Rt)No.541/20 20/WRD	UWSSStoPiravaomandadjoining	mvs - new	kwa	1030	177	Pampakuda	1030	177	500
243	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWWStoParakkadavu	svs - new	kwa	240	24.2	Parakkadavu	240	24.2	461
244	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPindimana	mvs - new	kwa	2897	1330	Pindimana	2897	1330	1111
245	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoPuthenkuruzandadjoiningpanchayath,TWSSSt oPariyaram,RWSSStoNirappamala	mvs - retro	kwa	550	39.95	Poothrika	200	14.4	293
246	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSStoPuthankuruz	mvs - new	kwa	1050	211.05	Poothrika	300	66.6	300
247	Ernakulam	G.O.(Rt)No.489/20 21/WRD	WSSStoPothanikadandPallarimangalamPanchayaths	mvs - new	kwa	4222	4616	Pothanikkad	661	722.68	146
248	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoPothanikadandPallarimangalam	mvs - new	kwa	700	272	Pothanikkad	700	272	400
249	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPuthanvelikkara	mvs - new	kwa	4779	825.7	Puthenvelikar a	4779	825.7	4130
250	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoRamamangalam,Marady&PampakudaPancha yats	mvs - new	kwa	5134	11843.38	Ramamangal am	1649	5109.6 6	765
251	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoRayamangalampt	mvs - revised	kwa	0	5	Rayamangala m	0	5	0
252	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoRamamangalam	mvs - new	kwa	745	132	Rayamangala m	745	132	147
253	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSStoRayamangalam,RWSSStoKallil,RWSSStoNeli molam&Keezhillam	mvs - new	kwa	1000	125	Rayamangala m	1000	125	1000

254	Ernakulam	G.O.(Rt)No.134/20 22/WRD	CWSSToSreemoolanagaram&kanjoorpanchayath	mvs - revised	kwa	0	17.9	Sreemoolana garam	0	17.9	0
255	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSToSreemoolanagaram&Kanjoorpanchayath	mvs - retro	kwa	1648	162.1	Sreemoolana garam	1648	162.1	1657
256	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-RWSSToThirumaradyPanchayath	mvs - new	kwa	2714	4557.56	Thirumarady	2714	4557.56	130
257	Ernakulam	G.O.(Rt)No.541/20 20/WRD	UWSSToPiravom	mvs - new	kwa	1000	180	Thirumarady	1000	180	500
258	Ernakulam	G.O.(Rt)No.777/20 20/WRD	WSSToPuthencruz&AdjoiningPanchayath	mvs - retro	kwa	49	3.67	Thiruvaniyoor	49	3.67	72
259	Ernakulam	G.O.(Rt)No.777/20 20/WRD	WSSToPuthencruz&AdjoiningPanchayath	mvs - new	kwa	251	56.33	Thiruvaniyoor	251	56.33	300
260	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJMWSSToThuravurandManjapraPanchayts	mvs - new	kwa	6965	3626	Thuravoor	4480	2001.78	111
261	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSToKothakulangara,SouthandManickamangal amvillages	svs - new	kwa	2977	309	Thuravoor	295	30.78	200
262	Ernakulam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToEdakkattuvayal,AmballoorandUdayampe roorPanchayath(2)RWSSToPoothottaPH(3)WSSTo	mvs - retro	kwa	300	21.3	Udayamperur	300	21.3	300
263	Ernakulam	G.O.(Rt)No.541/20 20/WRD	ARWSSToEdakkattuvayal,AmballoorandUdayampero or,RWSSToPothottsandWSSToThripunithuraMunic	mvs - new	kwa	700	217.7	Udayamperur	700	217.7	1254
264	Ernakulam	G.O.(Rt)No.541/20 20/WRD	AugtoParavurmunicipalityandadjpts	mvs - new	kwa	2983	425	Vadakkekara	1368	200	3325
265	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSToPuthenkuruzandadjoiningpanchayath,TWSSTo oPariyaram,RWSSToNirappamala	mvs - retro	kwa	550	39.95	Vadavucode Puthen Cruz	200	14.6	200
266	Ernakulam	G.O.(Rt)No.541/20 20/WRD	WSSToPuthankuruz	mvs - new	kwa	1050	211.05	Vadavucode Puthen Cruz	450	85.4	588
267	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-RWSSToValakom	mvs - new	kwa	2935	4084.48	Valakom	2935	4084.48	300
268	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToValakom	svs - retro	kwa	300	28.73	Valakom	300	28.73	300
269	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToValakom	svs - new	kwa	700	100.27	Valakom	700	100.27	476
270	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSToVarappetty	mvs - new	kwa	3292	690	Varappetty	3292	690	1444
271	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToVarapuzhaPanchayath	mvs - new	kwa	2000	592	Varapuzha	2000	592	512
272	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CARWSSToVazhakkulam,KunnathunaduandKizhakk ambalam,ARWSSToKunnathunad	mvs - new	kwa	20631	2814	Vazhakkulam	8807	1092	4310
273	Ernakulam	G.O.(Rt)No.541/20 20/WRD	CWSSToPerumbavoor,Vengola,RWSSToPerumani	mvs - new	kwa	1500	186	Vengola	1500	186	1561
274	Ernakulam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToVengoor,Asamannoor&Mudakkuzhapanchay ats	mvs - new	kwa	11598	14197	Vengoor	3404	4735.81	209

275	Ernakulam	G.O.(Rt)No.134/20 22/WRD	RWSSStoVengoor,ARWSSStoVengoorEast&West,RW SSStoMunipara	svs - revised	kwa	25	10	Vengoor	25	10	0
276	Ernakulam	G.O.(Rt)No.541/20 20/WRD	RWSSStoVengoor,ARWSSStoVengooreast&westRWS StoMunipara	svs - new	kwa	750	93	Vengoor	750	93	700
277	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoHouseholdofMankulam,Adima lyandPallivasalPanchayaths	mvs - new	kwa	9075	17600.3	Adimaly	6456	12520. 94	200
278	Idukki	G.O.(Rt)No.134/20 22/WRD	LargeWaterSupplySchemeVillages-Mannamkandam	svs - new	jalaniidhi	300	72.34	Adimaly	300	72.34	110
279	Idukki	G.O.(Rt)No.541/20 20/WRD	WSSStoMannamkandamVillageinadimali	mvs - new	kwa	500	71.41	Adimaly	500	71.41	299
280	Idukki	G.O.(Rt)No.777/20 20/WRD	KainagariLargeWaterSupplyScheme	svs - new	jalaniidhi	242	71.4	Adimaly	242	71.4	142
281	Idukki	G.O.(Rt)No.777/20 20/WRD	KainagariLargeWaterSupplyScheme	mvs - retro	jalaniidhi	68	5.17	Adimaly	68	5.17	68
282	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakode&adjvillages	mvs - new	kwa	4185	2592.15	Alakkode	818	369	300
283	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakkodeandadjoiningvillages	mvs - revised	kwa	0	25.4	Alakkode	0	25.4	0
284	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoAlakodu&adjoiningvillages	mvs - new	kwa	9046	1261.7	Alakkode	1366	180.6	372
285	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoArakulamandVelliyamattomPanchayats	mvs - new	kwa	5273	9431.4	Arakulam	4862	8696.2 8	119
286	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoArakulamPanchayath	mvs - new	kwa	50	16.11	Arakulam	50	16.11	50
287	Idukki	G.O.(Rt)No.777/20 20/WRD	Arakkulamsmallwatersupplyschemes	svs - retro	jalaniidhi	8	0.61	Arakulam	8	0.61	8
288	Idukki	G.O.(Rt)No.777/20 20/WRD	Arakkulamsmallwatersupplyschemes	mvs - new	jalaniidhi	32	5.33	Arakulam	32	5.33	32
289	Idukki	G.O.(Rt)No.489/20 21/WRD	CWSSStoAyyappancovilandKattappanaVillages	mvs - new	kwa	4634	4490.81	Ayyappancoil	2146	2079.6 9	186
290	Idukki	G.O.(Rt)No.541/20 20/WRD	WatersupplytoKattappanaandAyyappancovil	mvs - new	kwa	1223	185.2	Ayyappancoil	1223	185.2	500
291	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCtoHouseholdsofRajakad,Baisonvalley ,Rajalumary&SenapathyPanchayats	mvs - new	kwa	8750	20978.8	Bisonvally	2423	6421.8 6	0
292	Idukki	G.O.(Rt)No.777/20 20/WRD	Bisonvalleysmallwatersupplyscheme	svs - retro	jalaniidhi	32	2.43	Bisonvally	32	2.43	32
293	Idukki	G.O.(Rt)No.777/20 20/WRD	Bisonvalleysmallwatersupplyscheme	mvs - new	jalaniidhi	138	39.56	Bisonvally	138	39.56	138
294	Idukki	G.O.(Rt)No.134/20 22/WRD	RWSSStoChakkupall	mvs - revised	kwa	0	7.9	Chakkupalla m	0	7.9	0
295	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoChakkupallam	mvs - new	kwa	300	63.05	Chakkupalla m	300	63.05	323
296	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCsinChinnakanal	mvs - new	kwa	1930	1863	Chinnakanal	1930	1863	0

297	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoDevikulam	mvs - new	kwa	10	1.8	Devikulam	10	1.8	10
298	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoEdamalakudy	mvs - new	kwa	806	3975.6	Edamalakud y	806	3975.6	0
299	Idukki	G.O.(Rt)No.134/20 22/WRD	RWSSStoEdavetty	mvs - new	kwa	603	202	Edavetty	603	202	
300	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoEdavetty	mvs - new	kwa	782	193.91	Edavetty	782	193.91	557
301	Idukki	G.O.(Rt)No.541/20 20/WRD	NABARD-RWSSStoEdavetty	svs - retro	kwa	1600	119.74	Edavetty	1600	119.74	1600
302	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	14501	8222	Elappara	5924	3413	199
303	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - retro	kwa	710	39.96	Elappara	710	39.96	199
304	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	3585	446.62	Elappara	100	9.1	199
305	Idukki	G.O.(Rt)No.777/20 20/WRD	CARWSSStoElappara&adjoiningvillages	mvs - new	kwa	630	146.73	Elappara	500	86.73	199
306	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCsErattayarandKamakshiPanchay aths	mvs - new	kwa	6245	6451.4	Erattayar	5645	5831.5 7	198
307	Idukki	G.O.(Rt)No.541/20 20/WRD	ARWSSStoErattayarandKalkoonthal	mvs - new	kwa	2110	284.95	Erattayar	2110	284.95	1500
308	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCsErattayarandKamakshiPanchay aths	mvs - new	kwa	6245	6451.4	Kamakshy	600	619.83	0
309	Idukki	G.O.(Rt)No.489/20 21/WRD	CWSSStoAyyappancovilandKattappanaVillages	mvs - new	kwa	4634	4490.81	Kanchiyar	2488	2411.1 2	160
310	Idukki	G.O.(Rt)No.541/20 20/WRD	WaterSupplytoKattappanaandAyyappancovil	mvs - new	kwa	3500	525	Kanchiyar	3500	525	200
311	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCtoHouseholdsofKanjikuzhyandVa nnappuramPanchayaths	mvs - new	kwa	9892	17228.3	Kanjikkuzhy	6992	12177. 54	72
312	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoldukki-Kanjikuzhy	mvs - new	kwa	35	9.33	Kanjikkuzhy	15	2.45	15
313	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoldukki-Kanjikuzhi	svs - new	jalanidhi	121	19.64	Kanjikkuzhy	121	19.64	126
314	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoldukki-Kanjikuzhi	svs - retro	jalanidhi	31	2.356	Kanjikkuzhy	31	2.356	31
315	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoMarayoorandKanthalloorPanchayaths	mvs - new	kwa	5221	8352.6	Kanthalloor	2275	3639.5 6	243
316	Idukki	G.O.(Rt)No.777/20 20/WRD	Kanthaloorsmallwatersupplyschemes	mvs - new	jalanidhi	211	32.48	Kanthalloor	211	32.48	211
317	Idukki	G.O.(Rt)No.777/20 20/WRD	Kanthaloorsmallwatersupplyschemes	svs - retro	jalanidhi	41	3.12	Kanthalloor	41	3.12	50
318	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakode&adjvillages	mvs - new	kwa	4185	2592.15	Karimannoor	919	399	0
319	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoAlakodu&adjoiningvillages	mvs - new	kwa	9046	1261.7	Karimannoor	2716	370.4	1652
320	Idukki	G.O.(Rt)No.777/20 20/WRD	Udambanoorsmallwatersuppyscheme	svs - new	jalanidhi	28	2.13	Karimannoor	28	2.13	28

321	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoMuttomandKarimkunnamandRWVStoKarim kunnam	mvs - new	kwa	3747	6155.22	Karimkunnam	2450	3823.3 2	7
322	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoKarunapurampanchayat	svs - new	gwd	40	11.8	Karunapuram	40	11.8	0
323	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakode&adjvillages	mvs - new	kwa	4185	2592.15	Kodikulam	814	274	240
324	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoAlakodu&adjoiningvillages	mvs - new	kwa	9046	1261.7	Kodikulam	2270	301.6	1000
325	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	14501	8222	Kokkayar	2900	1528	5
326	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - revised	kwa	0	0.27	Kokkayar	0	0.27	0
327	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	3585	446.62	Kokkayar	100	11.41	50
328	Idukki	G.O.(Rt)No.777/20 20/WRD	KonnathadismallwatersupplyschemesR	svs - retro	jalanidhi	15	1.14	Konnathady	15	1.14	15
329	Idukki	G.O.(Rt)No.777/20 20/WRD	Konnathadismallwatersupplyschemes	svs - new	jalanidhi	20	5.01	Konnathady	20	5.01	20
330	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoHouseholdsofKudayathoorPa nchayath	mvs - new	kwa	3013	4432.28	Kudayathoor	3013	4432.2 8	12
331	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoKudiyathoor	mvs - new	kwa	50	12.25	Kudayathoor	50	12.25	90
332	Idukki	G.O.(Rt)No.541/20 20/WRD	WSSStoKumaramangalam	mvs - new	kwa	2991	1722	Kumaramang alam	2991	1722	21
333	Idukki	G.O.(Rt)No.134/20 22/WRD	ARWSSStoKumily	mvs - new	kwa	6610	3267	Kumily	6610	3267	74
334	Idukki	G.O.(Rt)No.489/20 21/WRD	ARWSSStoKumilyPanchayat	svs - new	kwa	1200	210	Kumily	1200	210	700
335	Idukki	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKumalyPanchayath	mvs - new	kwa	300	60.54	Kumily	300	60.54	1000
336	Idukki	G.O.(Rt)No.134/20 22/WRD	RWSSStoPurapuzha&Manakad	mvs - new	kwa	343	218.09	Manakkad	19	32.97	129
337	Idukki	G.O.(Rt)No.541/20 20/WRD	WSSStoManakaduandPurapuzhaPanchayaths	mvs - new	kwa	3059	648.65	Manakkad	1687	392.55	1000
338	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoManakkadupanchayat	svs - new	gwd	85	22.06	Manakkad	85	22.06	0
339	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoHouseholdofMankulam,Adima lyandPallivasalPanchayaths	mvs - new	kwa	9075	17600.3	Mankulam	1119	2170.2 2	0
340	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoMarayoorandKanthalloorPanchayaths	mvs - new	kwa	5221	8352.6	Marayoor	2946	4713.0 4	110
341	Idukki	G.O.(Rt)No.777/20 20/WRD	Marayoorsmallwatersupplyschemes	svs - retro	jalanidhi	22	1.67	Marayoor	22	1.67	22
342	Idukki	G.O.(Rt)No.777/20 20/WRD	Marayoorsmallwatersupplyschemes	svs - new	jalanidhi	88	14.63	Marayoor	88	14.63	88
343	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoIdukki-Kanjikuzhy	mvs - new	kwa	35	9.33	Mariyapuram	20	6.88	48
344	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoMariyapurampanchayat	svs - new	gwd	789	273.49	Mariyapuram	789	273.49	0
345	Idukki	G.O.(Rt)No.489/20 21/WRD	RWSSStoMunnarandPallivasalPanchayaths	mvs - new	kwa	10696	11559.59	Munnar	7327	7918.5 8	10

346	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoMunnarPanchayath	mvs - new	kwa	20	10.73	Munnar	20	10.73	10
347	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoMuttomandKarimkunnmandRWVStoKarim kunnam	mvs - new	kwa	3747	6155.22	Muttom	1297	2331.9	5
348	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoMuttompanchayat	svs - new	gwd	464	128.47	Muttom	464	128.47	0
349	Idukki	G.O.(Rt)No.777/20 20/WRD	Nedumkandamsmallwatersupplyscheme	svs - retro	jalanidhi	18	1.37	Nedumkanda m	18	1.37	18
350	Idukki	G.O.(Rt)No.777/20 20/WRD	Nedumkandamsmallwatersupplyscheme	mvs - new	jalanidhi	102	19.43	Nedumkanda m	102	19.43	102
351	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoHouseholdofMankulam,Adima lyandPallivasalPanchayaths	mvs - new	kwa	9075	17600.3	Pallivasal	1500	2909.1 4	
352	Idukki	G.O.(Rt)No.489/20 21/WRD	RWSSStoMunnarandPallivasalPanchayaths	mvs - new	kwa	10696	11559.59	Pallivasal	3369	3641.0 1	7
353	Idukki	G.O.(Rt)No.541/20 20/WRD	ARWVStoPallivasal	mvs - new	kwa	25	4.11	Pallivasal	25	4.11	15
354	Idukki	G.O.(Rt)No.777/20 20/WRD	Pampadumparasmallwatersupplyschemes	mvs - new	jalanidhi	29	5.12	Pampadump ara	29	5.12	29
355	Idukki	G.O.(Rt)No.777/20 20/WRD	Pampadumparasmallwatersupplyschemes	svs - retro	jalanidhi	6	0.46	Pampadump ara	6	0.46	6
356	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	14501	8222	Peerumedu	2498	1516	287
357	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	3585	446.62	Peerumedu	3035	358.38	1800
358	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	14501	8222	Peruvanthan am	3179	1765	4
359	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - revised	kwa	0	11.64	Peruvanthan am	0	11.64	0
360	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoElapparaandadjoiningvillages	mvs - new	kwa	3585	446.62	Peruvanthan am	350	67.73	32
361	Idukki	G.O.(Rt)No.134/20 22/WRD	RWSSStoPurapuzha&Manakad	mvs - new	kwa	343	218.09	Purapuzha	324	185.12	81
362	Idukki	G.O.(Rt)No.541/20 20/WRD	WSSStoManakaduandPurapuzhaPanchayaths	mvs - new	kwa	3059	648.65	Purapuzha	1372	256.1	800
363	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCtoHouseholdsofRajakad,Baisonvalley ,Rajalumary&SenapathyPanchayats	mvs - new	kwa	8750	20978.8	Rajakkad	2812	7473.6 9	0
364	Idukki	G.O.(Rt)No.777/20 20/WRD	Rajakkadusmallwatersupplyschemes	svs - retro	jalanidhi	9	0.68	Rajakkad	9	0.68	12
365	Idukki	G.O.(Rt)No.777/20 20/WRD	Rajakkadusmallwatersupplyschemes	svs - new	jalanidhi	26	4.42	Rajakkad	26	4.42	26
366	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCtoHouseholdsofRajakad,Baisonvalley ,Rajalumary&SenapathyPanchayats	mvs - new	kwa	8750	20978.8	Rajakumari	2000	4044.1	4

367	Idukki	G.O.(Rt)No.489/20 21/WRD	WSSStoSanthanpara,RajakumaryandSenapathyPts.	mvs - new	kwa	8906	9204	Rajakumari	2714	2678.0 4	60
368	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoRajakumariandRajakkadu	mvs - new	kwa	500	75	Rajakumari	500	75	400
369	Idukki	G.O.(Rt)No.489/20 21/WRD	WSSStoSanthanpara,RajakumaryandSenapathyPts.	mvs - new	kwa	8906	9204	Santhanpara	3799	3748.6 7	
370	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoSanthanparapanchayat	svs - new	gwd	938	208.27	Santhanpara	938	208.27	0
371	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCtoHouseholdsofRajakad,Baisonvalley ,Rajalumary&SenapathyPanchayats	mvs - new	kwa	8750	20978.8	Senapathy	1515	3039.1 5	0
372	Idukki	G.O.(Rt)No.134/20 22/WRD	WSSStoKattippara,ChathurangaparaandUdumbancho laVillagesinSenapathypanchayat	mvs - new	jalanidhi	728	228	Senapathy	728	228	0
373	Idukki	G.O.(Rt)No.489/20 21/WRD	WSSStoSanthanpara,RajakumaryandSenapathyPts.	mvs - new	kwa	8906	9204	Senapathy	2393	2777.2 9	0
374	Idukki	G.O.(Rt)No.777/20 20/WRD	Senapathismallwatersupplyschemes	svs - retro	jalanidhi	15	1.14	Senapathy	15	1.14	15
375	Idukki	G.O.(Rt)No.777/20 20/WRD	Senapathismallwatersupplyschemes	mvs - new	jalanidhi	85	13.06	Senapathy	85	13.06	85
376	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakode&adjvillages	mvs - new	kwa	4185	2592.15	Udumbanoor	1634	1550.1 5	0
377	Idukki	G.O.(Rt)No.134/20 22/WRD	CARWSSStoAlakodeandadjoiningvillages	mvs - revised	kwa	0	168.9	Udumbanoor	0	168.9	0
378	Idukki	G.O.(Rt)No.541/20 20/WRD	CARWSSStoAlakodu&adjoiningvillages	mvs - new	kwa	9046	1261.7	Udumbanoor	2694	409.1	681
379	Idukki	G.O.(Rt)No.777/20 20/WRD	Udambanoorsmallwatersuppyscheme	mvs - new	jalanidhi	138	23.99	Udumbanoor	138	23.99	138
380	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoUpputhara	mvs - new	kwa	250	57.62	Upputhara	250	57.62	200
381	Idukki	G.O.(Rt)No.777/20 20/WRD	CARWSSStoElappara&adjoiningvillages	mvs - new	kwa	630	146.73	Upputhara	130	60	93
382	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoVandenmedu	mvs - new	kwa	100	99.84	Vandenmed	100	99.84	88
383	Idukki	G.O.(Rt)No.777/20 20/WRD	BorewellbasedMWSSStoVandanmedupanchayat	svs - new	gwd	1621	359.04	Vandenmed	1621	359.04	0
384	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoVandiperiyarPanchayath	mvs - new	kwa	250	68.4	Vandiperiyar	250	68.4	418
385	Idukki	G.O.(Rt)No.134/20 22/WRD	RWSSStoAnnappuram	mvs - revised	kwa	0	104.7	Vannappura m	0	104.7	0
386	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCtoHouseholdsofKanjikuzhyandVa nnappuramPanchayaths	mvs - new	kwa	9892	17228.3	Vannappura m	2900	5050.7 6	
387	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoVannapuram	mvs - new	kwa	2966	414.3	Vannappura m	2966	414.3	611

388	Idukki	G.O.(Rt)No.777/20 20/WRD	Vannapuramsmallwatersupplyschemes	svs - retro	jalanidhi	12	0.91	Vannappura m	12	0.91	12
389	Idukki	G.O.(Rt)No.777/20 20/WRD	Vannapuramsmallwatersupplyschemes	svs - new	jalanidhi	60	9.84	Vannappura m	60	9.84	60
390	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoVathikudypanchayat	mvs - new	jalanidhi	119	20.06	Vathikudy	119	20.06	119
391	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoVathikudypanchayat	svs - retro	jalanidhi	30	2.28	Vathikudy	30	2.28	30
392	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMWSStoVattavadaPanchayaths	mvs - new	kwa	617	1657.25	Vattavada	617	1657.25	300
393	Idukki	G.O.(Rt)No.777/20 20/WRD	Vattavadasmallwatersupplyschemes	svs - retro	jalanidhi	109	8.28	Vattavada	109	8.28	109
394	Idukki	G.O.(Rt)No.777/20 20/WRD	Vattavadasmallwatersupplyschemes	mvs - new	jalanidhi	619	28.5	Vattavada	619	28.5	619
395	Idukki	G.O.(Rt)No.541/20 20/WRD	Water Supply scheme to District headquarters idukki painav colony, cheruthuruthi and thannikandam	mvs - new	kwa	398	53.65	Vazhathope	398	53.65	477
396	Idukki	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCstoHouseholdsofVellathoovalPanchayat	mvs - new	kwa	2010	3385.5	Vellathooval	2010	3385.5	0
397	Idukki	G.O.(Rt)No.541/20 20/WRD	RWSSStoKunjithannipase	mvs - new	kwa	3530	529.91	Vellathooval	3530	529.91	21
398	Idukki	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoArakulamandVelliyamattomPanchayats	mvs - new	kwa	5273	9431.4	Velliyamatto m	411	735.12	411
399	Idukki	G.O.(Rt)No.489/20 21/WRD	RWSSStoVelliyamattomandAlakoduVillages	mvs - new	kwa	350	216	Velliyamatto m	350	216	350
400	Idukki	G.O.(Rt)No.541/20 20/WRD	WSSStoVelliyamattomandAlakodu	mvs - new	kwa	2200	300	Velliyamatto m	2200	300	1890
401	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoVeliyamattampanchayat	svs - retro	jalanidhi	8	0.608	Velliyamatto m	8	0.608	8
402	Idukki	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplySchemetoVeliyamattampanchayat	mvs - new	jalanidhi	36	5.59	Velliyamatto m	36	5.59	36
403	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSAlakodeandadjoiningPanchayaths	mvs - new	kwa	46292	81589.51	Alakode	9655	17016.91	0
404	Kannur	G.O.(Rt)No.541/20 20/WRD	RWSSStoArangomeandKarthikapuram	mvs - new	kwa	93	13.7	Alakode	33	4.75	33
405	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoAnjarakandy,Peralasseryandadjoiningpanchayaths	mvs - new	kwa	39368	8149.27	Ancharakand y	3159	791.7	2852
406	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPeravoor&adjoiningPanchayaths	mvs - new	kwa	29046	36870	Aralam	4396	5580.14	0
407	Kannur	G.O.(Rt)No.541/20 20/WRD	AralamTribalWSS	svs - retro	jalanidhi	150	11.4	Aralam	150	11.4	150
408	Kannur	G.O.(Rt)No.541/20 20/WRD	AralamTribalWSS	svs - new	jalanidhi	1350	213.61	Aralam	1350	213.61	679

409	Kannur	G.O.(Rt)No.134/2022/WRD	JJM-WSSToPeravoor&adjoiningPanchayaths	mvs - new	kwa	29046	36870	Ayyankunnu	4621	5865.74	0
410	Kannur	G.O.(Rt)No.489/2021/WRD	JJM-WSSToKannurandadjoiningpanchayaths	mvs - new	kwa	14424	9234.96	Azhikode	5656	3621.25	1422
411	Kannur	G.O.(Rt)No.541/2020/WRD	WSSToKannurCorporationandadjoiningpanchayaths	mvs - new	kwa	6200	950	Azhikode	4000	590	4000
412	Kannur	G.O.(Rt)No.134/2022/WRD	JalJeevanMission-WSSToPattuvam&adjoiningvillages	mvs - new	kwa	4808	6175	Chapparapadavu	4808	6175	515
413	Kannur	G.O.(Rt)No.541/2020/WRD	JICAWSSToPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Chapparapadavu	3881	873	2000
414	Kannur	G.O.(Rt)No.541/2020/WRD	WSSToAnjarakandy,Peralasseryandadjoiningpanchayaths	mvs - new	kwa	39368	8149.27	Chembilode	5373	1087.1	4186
415	Kannur	G.O.(Rt)No.489/2021/WRD	JJM-KannurDistrict-ChengalayiPanchayath-WSSToChengalayiPanchayath-LayingDistributionsystem	mvs - new	kwa	7805	5676	Chengalai	7805	5676	43
416	Kannur	G.O.(Rt)No.777/2020/WRD	BorewellbasedpumingschemetoChengalaipanchayat	svs - new	gwd	38	9.998	Chengalai	38	9.998	0
417	Kannur	G.O.(Rt)No.541/2020/WRD	JICAWSSToPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Cherukunnu	1638	532	1828
418	Kannur	G.O.(Rt)No.134/2022/WRD	JJM-WSSAlakkodeandadjoiningPanchayaths	mvs - new	kwa	46292	81589.51	Cherupuzha	6710	11826.35	559
419	Kannur	G.O.(Rt)No.541/2020/WRD	WSSToCheruthazham&Kunhimangalam	mvs - new	kwa	11462	9159	Cheruthazham	6884	5970.8	6884
420	Kannur	G.O.(Rt)No.489/2021/WRD	JJM-WSSToKannurandadjoiningpanchayaths	mvs - new	kwa	14424	9234.96	Chirakkal	8170	5230.84	498
421	Kannur	G.O.(Rt)No.541/2020/WRD	WSSToKannurCorporationandadjoiningpanchayaths	mvs - new	kwa	6200	950	Chirakkal	2000	303	2000
422	Kannur	G.O.(Rt)No.134/2022/WRD	JJM-WSSToPeravoor&adjoiningPanchayaths	mvs - new	kwa	29046	36870	Chittariparamba	5950	7552.72	0
423	Kannur	G.O.(Rt)No.134/2022/WRD	JJM-WSSToThrippangottur,kunnothuparamba,Newmahe,chokliandMangattidampanchayaths	mvs - new	kwa	30140	48642	Chokli	6211	10273	0
424	Kannur	G.O.(Rt)No.541/2020/WRD	WSSToThalassery,MaheandadjoiningPanchayaths	mvs - new	kwa	4539	986	Dharmadom	4539	986	3782
425	Kannur	G.O.(Rt)No.489/2021/WRD	JJMKannurDistrictWSSToEramam-KutturPanchayath-Phase2Constructionofproductioncomponents,s	mvs - new	kwa	6543	7480	Eramam Kuttoor	6543	7480	0
426	Kannur	G.O.(Rt)No.541/2020/WRD	RWSSToKuttur	mvs - new	kwa	500	146	Eramam Kuttoor	500	146	502

427	Kannur	G.O.(Rt)No.541/20 20/WRD	WSStoAnjarakandy,Peralasseryandadjoiningpancha yaths	mvs - new	kwa	39368	8149.27	Eranholi	4193	813.5	3567
428	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSAlakkodeandadjoiningPanchayaths	mvs - new	kwa	46292	81589.51	Eruvessy	4956	8734.9 3	0
429	Kannur	G.O.(Rt)No.541/20 20/WRD	RWSSStoChemberi,AmbazhathumchalandPooparam ba	svs - new	kwa	55	7.5	Eruvessy	55	7.5	56
430	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SSStoPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Ezhome	2404	537	2392
431	Kannur	G.O.(Rt)No.134/20 22/WRD	WSStolrikkurVillage	svs - new	jalanidhi	326	150.4	Irikkur	326	150.4	326
432	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMProvidingFHTCtolrikkurGramaPanchayat	svs - new	jalanidhi	200	59.1	Irikkur	200	59.1	200
433	Kannur	G.O.(Rt)No.541/20 20/WRD	IrikkurLWSS	svs - retro	jalanidhi	70	5.32	Irikkur	70	5.32	264
434	Kannur	G.O.(Rt)No.541/20 20/WRD	IrikkurWSS	svs - new	jalanidhi	630	99.67	Irikkur	630	99.67	630
435	Kannur	G.O.(Rt)No.541/20 20/WRD	WSStoAnjarakandy,Peralasseryandadjoiningpancha yaths	mvs - new	kwa	39368	8149.27	Kadamboor	2911	612.47	2357
436	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SSStoPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Kadannapally Panapuzha	3777	844	3444
437	Kannur	G.O.(Rt)No.541/20 20/WRD	WSStoAnjarakandy,Peralasseryandadjoiningpancha yaths	mvs - new	kwa	39368	8149.27	Kadirur	4762	1008.7	4717
438	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SSStoPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Kalliasseri	5651	1353	6056
439	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict- WSStoKottiyur,Kelakam,KanicharPanchayaths- Phase2-ConstructionofServiceres	mvs - new	kwa	12264	12849.97	Kanichar	3953	4141.8 7	0
440	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrictWSSStoThrikkaripurandadjoiningpa nchayathsPhase1Constructionofproduction	mvs - new	kwa	10705	11703.69	Kankole Alapadamba	5035	5504.7 2	0
441	Kannur	G.O.(Rt)No.134/20 22/WRD	WSStoPattuvam&adjoiningvillages	mvs - revised	kwa	0	114.29	Kannapuram	0	114.29	156
442	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SSStoPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Kannapuram	2668	636	2668
443	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrictWSSStoThrikkaripurandadjoiningpa nchayathsPhase1Constructionofproduction	mvs - new	kwa	10705	11703.69	Karivellur Paralam	5670	6198.9 5	0
444	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKeezhallurPt.	mvs - new	kwa	2928	8669	Keezhallur	2928	8669	0
445	Kannur	G.O.(Rt)No.541/20 20/WRD	WSStoKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Keezhallur	250	49.38	257
446	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict- WSStoKottiyur,Kelakam,KanicharPanchayaths- Phase2-ConstructionofServiceres	mvs - new	kwa	12264	12849.97	Kelakom	3964	4153.4	9

447	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Kolacherry	150	26	429
448	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToPeravoor&adjoiningPanchayaths	mvs - new	kwa	29046	36870	Kolayad	3785	4804.5 5	0
449	Kannur	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplieschemesatKolayadGP	svs - new	jalanidhi	340	81.6	Kolayad	340	81.6	0
450	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMWSSToKolacheryandadjoiningpanchayths- ProvidingFHTCtoKoodaliPanchayts	mvs - new	kwa	3407	3689	Koodali	3407	3689	1181
451	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Koodali	250	46.5	250
452	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToKuthuparambaMunicipality,KottayamandPatti ampanchayaths	mvs - new	kwa	6230	1658	Kottayam	3420	651	2578
453	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict- WSSToKottiyur,Kelakam,KanicharPanchayaths- Phase2-ConstructionofServiceres	mvs - new	kwa	12264	12849.97	Kottiyoor	4347	4554.7	0
454	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToCheruthazham&Kunhimangalam	mvs - new	kwa	11462	9159	Kunhimangal am	4578	3188.2	4260
455	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToThrippangottur,kunnothuparamba,Newmahe, chokliandMangattidampanchyaths	mvs - new	kwa	30140	48642	Kunnathupar amba	7046	10907	0
456	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAWSSToPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Kurumathur	7417	1365	3615
457	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict-KuttiatturPanchayath- WSSToKolacheryandadjoiningPanchayathsPhase3- Laying	mvs - new	kwa	2361	2557	Kuttiattor	2361	2557	175
458	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Kuttiattor	150	26	150
459	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAWSSToPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Madayi	7501	2192	6278
460	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToIrikkurandadjoiningvillages	mvs - new	kwa	1936	425	Malapattom	1936	425	1922
461	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrict-MalurPanchayath- WSSToMattanurandIrittyandadjoiningpanchayathsPh ase3La	mvs - new	kwa	5139	5320	Malur	5139	5320	0
462	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToThrippangottur,kunnothuparamba,Newmahe, chokliandMangattidampanchyaths	mvs - new	kwa	30140	48642	Mangattidom	7706	11346	14
463	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAWSSToPattuvam&adjoiningvillages	mvs - new	kwa	56406	12611	Mattool	5549	1055	5403
464	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrict-MayyilPanchayath- WSSToKolacheryandadjoiningpanchayathsphase3La yingDist	mvs - new	kwa	4400	4764	Mayyil	4400	4764	959

465	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Mayyil	150	27	150
466	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict-MokeriPanchayath- WSSStoPanniyannur,PanoorandMokeri	mvs - new	kwa	4363	2405	Mokeri	4363	2405	2
467	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKolacheryandadjoiningPanchayaths- ProvidingFHTCtoMunderiGP	mvs - new	kwa	4222	4572	Munderi	4222	4572	3
468	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Munderi	50	6	50
469	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPeravoor&adjoiningPanchayaths	mvs - new	kwa	29046	36870	Muzhakkunnu	4999	6345.56	1
470	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoAnjarakandy,Peralasseryandadjoiningpanchayaths	mvs - new	kwa	39368	8149.27	Muzhappilangad	2809	514.1	3183
471	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSAlakkodeandadjoiningPanchayaths	mvs - new	kwa	46292	81589.51	Naduvil	9649	17006.34	0
472	Kannur	G.O.(Rt)No.541/20 20/WRD	RWSSStoNaduvilandadjoiningvillages	mvs - new	kwa	10	1.46	Naduvil	10	1.46	10
473	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrictNarathPanchayahWSSStoKolanche ryandadjoiningpanchayathslayingdistribution	mvs - new	kwa	3419	3702	Narath	3419	3702	0
474	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict-KolacheryPanchayath- WSSStoKolacheryandadjoiningpanchayathsPhase3- LayingD	mvs - new	kwa	3799	4114	Narath	3799	4114	0
475	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoKolacheryandadjoiningPanchayaths	mvs - new	kwa	1150	207.88	Narath	150	27	180
476	Kannur	G.O.(Rt)No.777/20 20/WRD	BorewellbasedpumingschemetoNarathpanchayat	svs - new	gwd	16	4.88	Narath	16	4.88	0
477	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoThrippangottur,kunnothuparamba,Newmahe, chokliandMangattidampanchyaths	mvs - new	kwa	30140	48642	New Mahi	2534	3853	9
478	Kannur	G.O.(Rt)No.489/20 21/WRD	JJMKannurDistrictPadiyur- KalliadPanchayathWSSStoPadiyurandVayathurPhase 3layingDistribut	mvs - new	kwa	3348	1515	Padiyurkalliad	3348	1515	1021
479	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoPadiyoorandVayathur	mvs - new	kwa	1700	328	Padiyurkalliad	1700	328	1700
480	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-KannurDistrict-PanniyannurPanchayath- WSSStoPanniyannur,PanoorandMokeriPhase3- LayingDistr	mvs - new	kwa	4398	3628	Panniyannur	4398	3628	5
481	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSStoPaniannoor,PanoorandMokeri	mvs - new	kwa	200	35.6	Panniyannur	200	35.6	200

482	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SS to Pattuvam & adjoining villages	mvs - new	kwa	56406	12611	Pappinisseri	6299	1407	5452
483	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-Providing FHTC in Pariyaram Grama Panchayat	mvs - revised	kwa	117	412	Pariyaram	117	412	0
484	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SS to Pattuvam & adjoining villages	mvs - new	kwa	56406	12611	Pariyaram	6902	1312	5226
485	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM Kannur District WSS to Cheruvanchery village in Pattiam Panchayath Construction of service reser	mvs - new	kwa	3728	2540	Pattiom	3728	2540	138
486	Kannur	G.O.(Rt)No.541/20 20/WRD	WSS to Kuthuparamba Municipality, Kottayam and Pattiam Panchayaths	mvs - new	kwa	6230	1658	Pattiom	2810	1007	2810
487	Kannur	G.O.(Rt)No.134/20 22/WRD	WSS to Pattuvam & adjoining villages	mvs - revised	kwa	0	49.36	Pattuvam	0	48.36	0
488	Kannur	G.O.(Rt)No.541/20 20/WRD	JICAW SS to Pattuvam & adjoining villages	mvs - new	kwa	56406	12611	Pattuvam	2719	505	1686
489	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSS to Mattannur, Iritty & adjoining Panchayaths	mvs - new	kwa	5639	9251	Payam	5639	9251	0
490	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSS Alakkode and adjoining Panchayaths	mvs - new	kwa	46292	81589.51	Payyavoor	5895	10389.92	0
491	Kannur	G.O.(Rt)No.541/20 20/WRD	RWSS to Payyavoor, Ettupara and Vathilmada	svs - new	kwa	70	9.6	Payyavoor	70	9.6	72
492	Kannur	G.O.(Rt)No.541/20 20/WRD	WSS to Anjarakandy, Peralassery and adjoining Panchayaths	mvs - new	kwa	39368	8149.27	Peralasseri	5027	1033	4424
493	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSS to Peravoor & adjoining Panchayaths	mvs - new	kwa	29046	36870	Peravoor	5295	6721.29	0
494	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSS Alakkode and adjoining Panchayaths	mvs - new	kwa	46292	81589.51	Peringome Vayakkara	5582	9838.26	0
495	Kannur	G.O.(Rt)No.541/20 20/WRD	WSS to Anjarakandy, Peralassery and adjoining Panchayaths	mvs - new	kwa	39368	8149.27	Pinarayi	5288	1136.6	5975
496	Kannur	G.O.(Rt)No.541/20 20/WRD	WSS to Naval Academy, Peringome and Ramanthali villages	mvs - new	kwa	4026	1091	Ramanthali	4026	1091	4143
497	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-Kannur District-Thillankery Panchayath WSS to Mattanur and Iritty and adjoining Panchayaths-Pha	mvs - new	kwa	2909	2468	Thilankeri	2909	2468	30
498	Kannur	G.O.(Rt)No.777/20 20/WRD	Borewell based pumings scheme Thillenkeri Panchayat	svs - new	gwd	30	7.75	Thilankeri	30	7.75	0
499	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSS to Trippangottur, Kunnothuparamba, Newmahe, Chokli and Mangattidamp Panchayaths	mvs - new	kwa	30140	48642	Trippangottur	6643	12263	0

500	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSAlakkodeandadjoiningPanchayaths	mvs - new	kwa	46292	81589.51	Udayagiri	3845	6776.8	0
501	Kannur	G.O.(Rt)No.541/20 20/WRD	RWSSToArangomeandKarthikapuram	mvs - new	kwa	93	13.7	Udayagiri	60	8.95	60
502	Kannur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToUlikkalPanchayath	mvs - new	kwa	8919	14900	Ulickal	8919	14900	0
503	Kannur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToKannurandadjoiningpanchayaths	mvs - new	kwa	14424	9234.96	Valapattanam	598	382.87	115
504	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToKannurCorporationandadjoiningpanchayaths	mvs - new	kwa	6200	950	Valapattanam	200	57	200
505	Kannur	G.O.(Rt)No.541/20 20/WRD	WSSToAnjarakandy,Peralasseryandadjoiningpancha yaths	mvs - new	kwa	39368	8149.27	Vengad	5846	1152.1	5382
506	Kasaragod	G.O.(Rt)No.134/20 22/WRD	WSSToAjanur,Pallikkara,Uduma,PullurPeriyaPts&Kol athurvillageinBedadukkaPt.	mvs - revised	kwa	0	8445.67	Ajanoor	0	8445.6 7	0
507	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToAjanur,Pallikkara,Uduma,PullurperiyaPanchay athsandKolathurvillageinBedadukkapanchayat	mvs - new	kwa	25044	18436.59	Ajanoor	7868	0	10
508	Kasaragod	G.O.(Rt)No.541/20 20/WRD	BRDCWSSToAjannur	mvs - new	kwa	1800	309.48	Ajanoor	1800	309.48	1800
509	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToPuthigePanchayathandBelaNeerchalVillagesi nBadiadkaPanchayath	mvs - new	kwa	10657	11685	Badiyaduka	5905	6474.6	30
510	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToBadiyadkaandNeerchalVillages	mvs - new	kwa	1133	236.82	Badiyaduka	1133	236.82	700
511	Kasaragod	G.O.(Rt)No.134/20 22/WRD	RWSSToMalothandBalal	mvs - new	kwa	3560	5546	Balal	3560	5546	0
512	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMalothandBalal	mvs - new	kwa	1220	418.98	Balal	1220	418.98	358
513	Kasaragod	G.O.(Rt)No.134/20 22/WRD	RWSSToMunnad&adjoiningvillages	mvs - revised	kwa	1669	1948	Bedaduka	1669	1948	0
514	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToAjanur,Pallikkara,Uduma,PullurperiyaPanchay athsandKolathurvillageinBedadukkapanchayat	mvs - new	kwa	25044	18436.59	Bedaduka	1352	1451.2 6	345
515	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMunnad&adjoiningvillages	mvs - new	kwa	7275	1406.9	Bedaduka	5136	875.2	1500
516	Kasaragod	G.O.(Rt)No.134/20 22/WRD	BellurLWSS	mvs - new	jalanidhi	1070	727.4	Belloor	1070	727.4	0
517	Kasaragod	G.O.(Rt)No.541/20 20/WRD	BellurWSS	svs - retro	jalanidhi	70	5.32	Belloor	70	5.32	0
518	Kasaragod	G.O.(Rt)No.541/20 20/WRD	BellurWSS	mvs - new	jalanidhi	630	99.67	Belloor	630	99.67	0
519	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJMKasaragodDstrctChemmanadPanchayathWSSTo KsrgdMunicipalityandChemmanadPanchayath	mvs - new	kwa	10474	4828	Chemnad	10474	4828	2
520	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJMKasaragodDstrctWSSToChengala,Muliyar,Madh ur,Mogral,PuthurPanchayaths	mvs - new	kwa	28727	12720	Chengala	10959	4880	4
521	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToKoppa	svs - new	kwa	15	1.8	Chengala	15	1.8	15

522	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJMKasaragodDistrictWSSToThrikkaripurandadjoinin gpanchayaths	mvs - new	kwa	20305	22199.26	Cheruvathur	3714	4060.4 8	32
523	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMaichaandKadamkodu	mvs - new	kwa	500	133.58	Cheruvathur	500	133.58	500
524	Kasaragod	G.O.(Rt)No.134/20 22/WRD	EastEleriBWSS	mvs - new	jalanidhi	3157	2474	East Eleri	3157	2474	47
525	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSSToEastEleri	mvs - new	kwa	3708	918	East Eleri	3708	918	0
526	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToEnmakajeandAdjoiningVillages	mvs - new	kwa	1746	891	Enmakaje	1746	891	540
527	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToEnamakajeandadjoiningvillages	mvs - new	kwa	3500	790.9	Enmakaje	3500	790.9	1500
528	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSSToPanathadyandKallar	mvs - new	kwa	2700	1145	Kallar	1500	595	1060
529	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSSToKayyurCheemeni	mvs - new	kwa	5920	5539	Kayyur Cheemeni	5920	5539	475
530	Kasaragod	G.O.(Rt)No.134/20 22/WRD	WSSToKodomBelur	mvs - revised	kwa	1756	2700	Kodombellur	1756	2700	0
531	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSSToKodomBelur	mvs - new	kwa	5200	1550	Kodombellur	5200	1550	2423
532	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToKumbalaandMangalpadyPanchayaths	mvs - new	kwa	9921	10211	Kumbala	6340	6525.3 2	325
533	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToKumbala	mvs - new	kwa	1986	469	Kumbala	1986	469	1500
534	Kasaragod	G.O.(Rt)No.134/20 22/WRD	RWSSToMunnad&adjoiningvillages	mvs - revised	kwa	0	121	Kuttikol	0	121	0
535	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMunnad&adjoiningvillages	mvs - new	kwa	7275	1406.9	Kuttikol	2139	531.7	704
536	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJMKasaragodDstrctWSSToChengala,Muliyar,Madh ur,Mogral,PuthurPanchayaths	mvs - new	kwa	28727	12720	Madhur	7959	2890	0
537	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMadhur	mvs - new	kwa	150	23.52	Madhur	150	23.52	153
538	Kasaragod	G.O.(Rt)No.134/20 22/WRD	WSSToMadikkai	mvs - revised	kwa	0	263.5	Madikkai	0	263.5	0
539	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSSToMadikkai	mvs - new	kwa	4925	2667.32	Madikkai	4925	2667.3 2	1187
540	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToKumbalaandMangalpadyPanchayaths	mvs - new	kwa	9921	10211	Mangalpadi	3581	3685.6 8	344
541	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToUppalaandadjoiningvillages	mvs - new	kwa	5240	1041	Mangalpadi	5240	1041	1500
542	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSSToManjeswaramPhase3	mvs - new	kwa	2586	1511	Manjeshwar	2586	1511	0
543	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToManjeswaram	mvs - new	kwa	4400	1030	Manjeshwar	4400	1030	825
544	Kasaragod	G.O.(Rt)No.541/20 20/WRD	MeenjaSudhajalaScheme(Jalanidhi)	mvs - new	jalanidhi	3223	966.9	Meenja	3223	966.9	0
545	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJMKasaragodDstrctWSSToChengala,Muliyar,Madh ur,Mogral,PuthurPanchayaths	mvs - new	kwa	28727	12720	Mogral Puthur	5040	1990	0
546	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSSToMogralPuthurandPernadka	svs - new	kwa	20	2.6	Mogral Puthur	20	2.6	24

547	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJM Kasaragod District WSS to Chengala, Muliya, Madhur, Mogral, Puthur Panchayaths	mvs - new	kwa	28727	12720	Muliya	4769	2960	6
548	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSS to Muliya	mvs - new	kwa	398	60.48	Muliya	398	60.48	398
549	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJM Kasaragod District WSS to Thrikkaripur and adjoining panchayaths	mvs - new	kwa	20305	22199.26	Padana	2739	2994.5 2	0
550	Kasaragod	G.O.(Rt)No.541/20 20/WRD	Palvalike WSS (Jalanidhi)	mvs - new	alanidhi	4385	1315.5	Paivalike	4385	1315.5	0
551	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSS to Ajanur, Pallikkara, Uduma, Pullurperiya panchayaths and Kolathur village in Bedadukkapanchayat	mvs - new	kwa	25044	18436.59	Pallikkara	5937	6372.8	25
552	Kasaragod	G.O.(Rt)No.541/20 20/WRD	BRDC WSS to Pallikkara	mvs - new	kwa	1420	326.64	Pallikkara	1420	326.64	1420
553	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSS to Panathady and Kallar	mvs - new	kwa	2700	1145	Panathady	1200	550	1064
554	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJM Kasaragod District WSS to Thrikkaripur and adjoining panchayaths	mvs - new	kwa	20305	22199.26	Pilicode	5714	6247.0 6	0
555	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSS to Kunnathur	mvs - new	kwa	350	76.14	Pilicode	350	76.14	341
556	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSS to Ajanur, Pallikkara, Uduma, Pullurperiya panchayaths and Kolathur village in Bedadukkapanchayat	mvs - new	kwa	25044	18436.59	Pullurperiya	5410	5806.8 3	0
557	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSS to Puthige Panchayath and Bela Neerchal Villages in Badiadka Panchayath	mvs - new	kwa	10657	11685	Puthigae	4752	5210.4	0
558	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJM Kasaragod District WSS to Thrikkaripur and adjoining panchayaths	mvs - new	kwa	20305	22199.26	Thrikkaripur	5795	6335.6 2	0
559	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSS to Trikaripur	mvs - new	kwa	100	22.05	Thrikkaripur	100	22.05	144
560	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSS to Ajanur, Pallikkara, Uduma, Pullurperiya panchayaths and Kolathur village in Bedadukkapanchayat	mvs - new	kwa	25044	18436.59	Uduma	4477	4805.7	138
561	Kasaragod	G.O.(Rt)No.541/20 20/WRD	BRDC WSS to Uduma	mvs - new	kwa	1100	269.77	Uduma	1100	269.77	1100
562	Kasaragod	G.O.(Rt)No.489/20 21/WRD	JJM Kasaragod District WSS to Thrikkaripur and adjoining panchayaths	mvs - new	kwa	20305	22199.26	Valiyaparamba	2343	2561.5 8	28
563	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSS to Oriyera	svs - new	kwa	25	3.72	Valiyaparamba	25	3.72	25
564	Kasaragod	G.O.(Rt)No.489/20 21/WRD	WSS to Vorkady and adjoining villages Phase 3	mvs - new	kwa	2120	1114	Vorkady	2120	1114	262
565	Kasaragod	G.O.(Rt)No.541/20 20/WRD	RWSS to Vorkady and adjoining villages	mvs - new	kwa	3313	892	Vorkady	3313	892	1500
566	Kasaragod	G.O.(Rt)No.134/20 22/WRD	WSS to West Eleri	mvs - revised	kwa	2369	2294.72	West Eleri	2369	2294.7 2	0
567	Kasaragod	G.O.(Rt)No.541/20 20/WRD	WSS to West Eleri	mvs - new	kwa	4385	1174.51	West Eleri	4385	1174.5 1	1245

568	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoAdichanalloorpanchayath	mvs - new	kwa	3630	665	Adichanalloor	3630	665	462
569	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Adichanalloor	5609	704.22 42	5000
570	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoOachiraandadjoiningpanchayats	mvs - new	kwa	8704	1672	Alappad	100	133	2555
571	Kollam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKulathupuzha&adjvillagesPhaseIII	mvs - new	kwa	19731	5383.7	Alayamon	5026	1299	2872
572	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Anchal	9530	2174.5 9	5129
573	Kollam	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoAryanakavuGramapanchayat	mvs - new	kwa	3263	3250	Ariencavu	3263	3250	0
574	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoAryankavu&RWSSStoAchenkovil	mvs - new	kwa	65	11	Ariencavu	65	11	84
575	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoChithara&adjpts	mvs - new	kwa	26119	8601.8	Chadayaman galam	4415	1308	2615
576	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoChathanoorGramaPanchayath	mvs - new	kwa	2636	464	Chathannur	2636	464	770
577	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Chathannur	2199	301.53	2199
578	Kollam	G.O.(Rt)No.134/20 22/WRD	ChavaraPanmanaTsunamiRehabilitationScheme	svs - new	jalanidhi	1781	432.9	Chavara	1781	432.9	2039
579	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoChirakkaraGramaPanchayath	mvs - new	kwa	2820	490	Chirakkara	2820	490	0
580	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Chirakkara	3382	413.48	3359
581	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoChithara&adjpts	mvs - new	kwa	26119	8601.8	Chithara	9111	2643	4208
582	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoOachiraandadjoiningpanchayats	mvs - new	kwa	8704	1672	Clappana	2057	449	3137
583	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Edamulakkal	8895	2146.1 7	2272
584	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Elamadu	6783	1832	4530
585	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPunukkannoorchira,RWSSStoPunukkannoor PhaseII,RWSSStoMamachankuttipuramPhII,RWSSSto	mvs - new	kwa	7778	2003.7	Elambalur	7778	2003.7	4544
586	Kollam	G.O.(Rt)No.134/20 22/WRD	waterSupplyschemetoEroorPanchayathPh2	mvs - revised	kwa	0	4289	Eroor	0	4289	0
587	Kollam	G.O.(Rt)No.541/20 20/WRD	waterSupplyschemetoEroorPanchayath	mvs - new	kwa	8086	1947	Eroor	8086	1947	4590
588	Kollam	G.O.(Rt)No.541/20 20/WRD	BAWSSStoKundara&adjpts	mvs - new	kwa	18635	6946.9	Ezhukone	5886	2106.4	2957
589	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCinIttivaGramaPanchayath	mvs - new	kwa	8739	4052	Ittiva	8739	4052	541

590	Kollam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKulathupuzha&adjvillagesPhaseIII	mvs - new	kwa	19731	5383.7	Ittiva	789	132.5	789
591	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoChithara&adjpts	mvs - new	kwa	26119	8601.8	Kadakkal	8147	2250	4334
592	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCinKalluvathukkalGramaPanchayath	mvs - new	kwa	9643	5807	Kalluvathukk al	9643	5807	657
593	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAAssisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Kalluvathukk al	700	98	700
594	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAAssistedKWSSStoMeenadandadjoiningvillages	mvs - retro	kwa	300	27	Kalluvathukk al	300	27	300
595	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAAssisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Karavaloor	6590	2260.3 1	1216
596	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKareepa	mvs - new	kwa	5858	2936	Kareepa	5858	2936	804
597	Kollam	G.O.(Rt)No.541/20 20/WRD	BAWSSStoKundara&adjpts	mvs - new	kwa	18635	6946.9	Kizhakkekalla da	5339	1775.8	2501
598	Kollam	G.O.(Rt)No.541/20 20/WRD	WSSStoKottamkarapanchayat	mvs - new	kwa	5850	4907	Kottamkara	5850	4907	4381
599	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKulakkadaandPavithreswaramPts.	mvs - new	kwa	8299	2653	Kulakkada	8299	2653	5542
600	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoKunnathoor,PoruvazhyandSoorana dPanchayath	mvs - new	kwa	42923	30730	Kulasekharap uram	10054	7198	130
601	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKulashegarapuram	mvs - new	kwa	3000	651	Kulasekharap uram	3000	651	1000
602	Kollam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKulathupuzha&adjvillagesPhaseIII	mvs - new	kwa	19731	5383.7	Kulathupuzha	8336	1926.4	4429
603	Kollam	G.O.(Rt)No.134/20 22/WRD	CARWSSStoKulathupuzha&adjvillages	mvs - revised	kwa	0	187.5	Kummil	0	187.5	0
604	Kollam	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKulathupuzha&adjvillagesPhaseIII	mvs - new	kwa	19731	5383.7	Kummil	5580	2025.8	1971
605	Kollam	G.O.(Rt)No.541/20 20/WRD	BAWSSStoKundara&adjpts	mvs - new	kwa	18635	6946.9	Kundara	2416	1525	2130
606	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoKunnathoor,PoruvazhyandSoorana dPanchayath	mvs - new	kwa	42923	30730	Kunnathur	3378	2418	202
607	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKunnathur	mvs - new	kwa	1072	401.53	Kunnathur	1072	401.53	1072
608	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoMayyanaduGramaPanchayath	mvs - new	kwa	3138	618	Mayyanad	3138	618	854
609	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAAssisstedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Mayyanad	6354	1221	6354
610	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoVilakkudy,MelilaandVettikkavala	mvs - new	kwa	23098	13679.5	Melila	5538	3575	4142

611	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMundroethuruthu	svs - retro	kwa	300	41.19	Mundrothurut hu	300	41.19	793
612	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMundroethuruthu	svs - retro	kwa	351	29.84	Mundrothurut hu	351	29.84	780
613	Kollam	G.O.(Rt)No.134/20 22/WRD	WSStoPattazhy,Pattazhyvadakkekkara,Mylom&Thal avoorPtPh3	mvs - revised	kwa	0	300	Mylam	0	300	0
614	Kollam	G.O.(Rt)No.541/20 20/WRD	WSStoPattazhy,Pattazhyvadakkekkara,MylomandTh alavoorPanchayath	mvs - new	kwa	22237	3062.86	Mylam	9102	1602.1	6476
615	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMynagappally	mvs - new	kwa	5692	2130	Mynagappally	5692	2130	5350
616	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNedumpanaPanchayath	mvs - new	kwa	4495	1020.38	Nedumpana	4495	1020.3 8	305
617	Kollam	G.O.(Rt)No.541/20 20/WRD	JICAassistedwatersupplyschemetoMeenad&adjoini ngVillages	mvs - new	kwa	82506	18094.59	Nedumpana	7615	1279.3	7615
618	Kollam	G.O.(Rt)No.134/20 22/WRD	WSSotNeduvathoorGramaPanchayath	mvs - new	kwa	7164	11313.87	Neduvathur	7164	11313. 87	0
619	Kollam	G.O.(Rt)No.541/20 20/WRD	BAWSSStoKundara&adjpts	mvs - new	kwa	18635	6946.9	Neduvathur	580	97.4	594
620	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSS to Neendakara	mvs - new	kwa	285	58	Neendakara	285	58	171
621	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoChithara&adjpts	mvs - new	kwa	26119	8601.8	Nilamel	4446	2400.8	204
622	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoOachiraandadjoiningpanchayats	mvs - new	kwa	8704	1672	Ochira	6547	1090	3097
623	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- WSStoThrikkaruva,Panayam,PerinadandMunroethur uth	mvs - new	kwa	13603	12135	Panayam	5967	5323	1409
624	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPanayam	svs - retro	kwa	300	48.78	Panayam	300	48.78	300
625	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPanayam	svs - retro	kwa	300	27	Panayam	300	27	300
626	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCinChavaraandPanmanaPanchayath	mvs - new	kwa	2864	746	Panmana	2864	746	1021
627	Kollam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoPathanapuram&Piravanthoor	mvs - new	kwa	13735	4674.69	Pathanapura m	7109	3288.4	3565
628	Kollam	G.O.(Rt)No.541/20 20/WRD	WSStoPattazhy,Pattazhyvadakkekkara,MylomandTh alavoorPanchayath	mvs - new	kwa	22237	3062.86	Pattazhi South	3108	347.93	2818
629	Kollam	G.O.(Rt)No.541/20 20/WRD	WSStoPattazhy,Pattazhyvadakkekkara,MylomandTh alavoorPanchayath	mvs - new	kwa	22237	3062.86	Pattazhi Vadakekkara	3107	347.83	2641
630	Kollam	G.O.(Rt)No.134/20 22/WRD	ARWSSStoKulakkada&PavithreswaramPtsPhasell	mvs - revised	kwa	0	243.94	Pavithreswar am	0	243.94	0
631	Kollam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKulakkada&PavithreswaramPts	mvs - new	kwa	7670	3324	Pavithreswar am	7670	3324	2357
632	Kollam	G.O.(Rt)No.541/20 20/WRD	BAWSSStoKundara&adjpts	mvs - new	kwa	18635	6946.9	Perayam	4414	1442.3	2611

633	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoThrikkaruva, Panayam, Perinad and Munroethur uth	mvs - new	kwa	13603	12135	Perinad	5552	4953	1661
634	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPerinadu	svs - retro	kwa	250	22.5	Perinad	250	22.5	250
635	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPerinadu	svs - retro	kwa	250	42.7	Perinad	250	42.7	250
636	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPiravanthoor Grama Panchayath	mvs - new	kwa	700	598.2	Piravanthur	700	598.2	700
637	Kollam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoPathanapuram & Piravanthoor	mvs - new	kwa	13735	4674.69	Piravanthur	6626	1386.2 9	3721
638	Kollam	G.O.(Rt)No.134/20 22/WRD	JALJEEVAN MISSION WSSSto Poothakulam Panchaya t	mvs - new	kwa	2745	483	Poothakulam	2745	483	872
639	Kollam	G.O.(Rt)No.541/20 20/WRD	JICA Assisted water supply scheme to Meenad & adjoining Villages	mvs - new	kwa	82506	18094.59	Poothakulam	2490	321.24	2490
640	Kollam	G.O.(Rt)No.541/20 20/WRD	JICA Assisted water supply scheme to Meenad & adjoining Villages	mvs - new	kwa	82506	18094.59	Pooyappally	4659	598.37	3442
641	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- Providing FHTC to Kunnathoor, Poruvazhy and Soorana d Panchayath	mvs - new	kwa	42923	30730	Poruvazhy	7084	5072	475
642	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPoruvazhy	mvs - new	kwa	517	127.44	Poruvazhy	517	127.44	517
643	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoWest Kallada, Sasthamcotta and Soorandu So uth Panchayaths	mvs - new	kwa	6212	3535.37	Sasthamcotta	2806	1622.5 7	2449
644	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- Providing FHTC to Kunnathoor, Poruvazhy and Soorana d Panchayath	mvs - new	kwa	42923	30730	Sooranad North	4720	3379	18
645	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoSooranad North	mvs - new	kwa	250	101.35	Sooranad North	250	101.35	250
646	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoWest Kallada, Sasthamcotta and Soorandu So uth Panchayaths	mvs - new	kwa	6212	3535.37	Sooranad South	2643	1442.5 2	2426
647	Kollam	G.O.(Rt)No.541/20 20/WRD	WSSStoPattazhy, Pattazhyvadakkekara, Mylomand Th alavoor Panchayath	mvs - new	kwa	22237	3062.86	Thalavoor	6920	765	5691
648	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- Providing FHTC to Kunnathoor, Poruvazhy and Soorana d Panchayath	mvs - new	kwa	42923	30730	Thazhava	8938	6264	772
649	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoThazhava	mvs - new	kwa	2900	588	Thazhava	2900	588	2900
650	Kollam	G.O.(Rt)No.134/20 22/WRD	CWSSStoThevalakkara and Thekkumbhagam Ph2 & RW SSStoThevalakkara PhII	mvs - revised	kwa	0	99.82	Thekkumbha gam	0	99.82	0
651	Kollam	G.O.(Rt)No.541/20 20/WRD	CWSSStoThevalakkara and Thekkumbhagam Ph2 & RW SSStoThevalakkara	mvs - new	kwa	7676	3609.36	Thekkumbha gam	2388	1180.1 8	1182
652	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoThenmala Grama Panchayath	mvs - new	kwa	6384	4511	Thenmala	6384	4511	92
653	Kollam	G.O.(Rt)No.541/20 20/WRD	RWSSStoThenmala	mvs - new	kwa	260	43	Thenmala	260	43	260

654	Kollam	G.O.(Rt)No.541/20 20/WRD	CW SS to Thevalakkara and Thekkumbhagam Ph2 & RW SS to Thevalakkara	mvs - new	kwa	7676	3609.36	Thevalakkara	5288	2429.1 8	4150
655	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- Providing FHT C to Kunnathoor, Poruvazhy and Soorana d Panchayath	mvs - new	kwa	42923	30730	Thodiyoor	8749	6399	1826
656	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Thodiyoor	mvs - new	kwa	3400	644	Thodiyoor	3400	644	3400
657	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM- W SS to Thrikkaruva, Panayam, Perinad and Munroethur uth	mvs - new	kwa	13603	12135	Thrikkaruva	2084	1859	500
658	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Thrikkaruva	svs - retro	kwa	300	27	Thrikkaruva	300	27	1876
659	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Thrikkaruva Ph2	svs - retro	kwa	300	35.94	Thrikkaruva	300	35.94	300
660	Kollam	G.O.(Rt)No.134/20 22/WRD	JJM-Providing FHT C to Thrikovilvattom panchayat	mvs - new	kwa	6324	934	Thrikkovilvatt om	6324	934	952
661	Kollam	G.O.(Rt)No.541/20 20/WRD	W SS to Thrikkovilvattom and Nedumpana Pts	mvs - new	kwa	7461	1315	Thrikkovilvatt om	7461	1315	7461
662	Kollam	G.O.(Rt)No.541/20 20/WRD	JICA assisted water supply scheme to Meenad & adjoining villages	mvs - new	kwa	82506	18094.59	Ummannur	8898	2601.5	4510
663	Kollam	G.O.(Rt)No.489/20 21/WRD	JJM-Providing FHT C in Velinalloor Grama Panchayath	mvs - new	kwa	5732	3850	Velinalloor	5732	3850	404
664	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Velinalloor	mvs - new	kwa	1600	421.6	Velinalloor	1600	421.6	1600
665	Kollam	G.O.(Rt)No.541/20 20/WRD	JICA assisted water supply scheme to Meenad & adjoining villages	mvs - new	kwa	82506	18094.59	Veliyam	8802	2142.8 77	3284
666	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Vilakkudy, Melila and Vettikkavala	mvs - new	kwa	23098	13679.5	Vettikkavala	9472	7200	46
667	Kollam	G.O.(Rt)No.541/20 20/WRD	RW SS to Vilakkudy, Melila and Vettikkavala	mvs - new	kwa	23098	13679.5	Vilakudy	8088	2904.5	1647
668	Kollam	G.O.(Rt)No.541/20 20/WRD	CW SS to West Kallada, Sasthamcotta and Soorandu So uth Panchayaths	mvs - new	kwa	6212	3535.37	West Kallada	763	470.28	1104
669	Kottayam	G.O.(Rt)No.134/20 22/WRD	Varsha bulk water supply scheme to two villages - Aymanam & Perumbaikadu	mvs - new	jalani dhi	4594	2989	Aimanam	4594	2989	286
670	Kottayam	G.O.(Rt)No.777/20 20/WRD	Varsha Bulk Water Supply Scheme	mvs - retro	jalani dhi	240	18.24	Aimanam	240	18.24	240
671	Kottayam	G.O.(Rt)No.777/20 20/WRD	Varsha Bulk Water Supply Scheme	mvs - new	jalani dhi	3782	136.08	Aimanam	3782	136.08	3782
672	Kottayam	G.O.(Rt)No.134/20 22/WRD	W SS to Akalakunnam Panchayath	mvs - revised	kwa	0	2212	Akalakunnam	0	2212	0
673	Kottayam	G.O.(Rt)No.777/20 20/WRD	W SS to Akalakunnam panchayath	mvs - new	kwa	5000	2350	Akalakunnam	5000	2350	66
674	Kottayam	G.O.(Rt)No.541/20 20/WRD	CW SS to Ettumanoor and adjoining villages	mvs - retro	kwa	100	10	Arpookara	100	10	100
675	Kottayam	G.O.(Rt)No.541/20 20/WRD	CW SS to Ettumanoor and adjoining villages	mvs - new	kwa	3700	839.23	Arpookara	2600	589.81	5295

676	Kottayam	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoAthirampuzhaGramaPanchayath	mvs - new	kwa	967	1160.4	Athirapuzha	967	1160.4	967
677	Kottayam	G.O.(Rt)No.541/2020/WRD	RWSSStoAthirampuzhaPanchayath	mvs - new	kwa	8100	3593	Athirapuzha	8100	3593	1250
678	Kottayam	G.O.(Rt)No.541/2020/WRD	RWSSStoAthirampuzhaPanchayath	svs - retro	kwa	200	20	Athirapuzha	200	20	200
679	Kottayam	G.O.(Rt)No.541/2020/WRD	ARWSSStoAyarkunnamKoroppadyandPampadyVillages	mvs - new	kwa	500	273.84	Ayarkunnam	500	273.84	500
680	Kottayam	G.O.(Rt)No.777/2020/WRD	WSSStoAyarkunnampanchayath	mvs - new	kwa	7820	3671	Ayarkunnam	7820	3671	1041
681	Kottayam	G.O.(Rt)No.777/2020/WRD	Bharananganamsmallwatersupplyscheme	mvs - new	jalanidhi	166	24.68	Bharananganam	166	24.68	164
682	Kottayam	G.O.(Rt)No.777/2020/WRD	Bharananganamsmallwatersupplyscheme	svs - retro	jalanidhi	34	2.58	Bharananganam	34	2.58	34
683	Kottayam	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoVechoor,Thalayazham,TVpuram,Udayanapuram,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Chempu	688	262	238
684	Kottayam	G.O.(Rt)No.541/2020/WRD	ARWSSStoThalayazham&adjoiningvillages	mvs - new	kwa	2292	450.97	Chempu	2292	450.97	2292
685	Kottayam	G.O.(Rt)No.134/2022/WRD	RWSSStoKanjirappally,ElikkulamandChirakkadavu	mvs - revised	kwa	0	149	Chirakkadavu	0	149	0
686	Kottayam	G.O.(Rt)No.134/2022/WRD	JJMARWSSStoKanirampally,Chirakkadavu,Elikkulam	mvs - new	kwa	14964	11995	Chirakkadavu	6000	4000	0
687	Kottayam	G.O.(Rt)No.541/2020/WRD	ARWSSStoKanjirappallyElikkulamAndCirakkadav	mvs - new	kwa	3600	1750	Chirakkadavu	2600	1539	806
688	Kottayam	G.O.(Rt)No.134/2022/WRD	JJMARWSSStoKanirampally,Chirakkadavu,Elikkulam	mvs - new	kwa	14964	11995	Elikulam	676	295	0
689	Kottayam	G.O.(Rt)No.489/2021/WRD	ARWSSStoKanjirapally,Chirakkadavu,ElikkulamPanchayath	mvs - new	kwa	7000	4923	Elikulam	7000	4923	650
690	Kottayam	G.O.(Rt)No.134/2022/WRD	WSSStoErumeli	mvs - revised	kwa	0	950	Erumeli	0	950	0
691	Kottayam	G.O.(Rt)No.541/2020/WRD	WSSStoErumeli	mvs - new	kwa	1500	190.36	Erumeli	1500	190.36	730
692	Kottayam	G.O.(Rt)No.777/2020/WRD	WSSStoErumely	mvs - revised	kwa	9000	4744.64	Erumeli	9000	4744.64	0
693	Kottayam	G.O.(Rt)No.777/2020/WRD	Kadanadsmallwatersupplyschemes	svs - retro	jalanidhi	44	3.34	Kadanad	44	3.34	44
694	Kottayam	G.O.(Rt)No.777/2020/WRD	Kadanadsmallwatersupplyschemes	mvs - new	jalanidhi	176	27.79	Kadanad	176	27.79	176
695	Kottayam	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoKidangoor,Kadaplamattom&MarangattupallyGramaPanchayath	mvs - new	kwa	7284	21129.97	Kadaplamattom	830	6974.44	0
696	Kottayam	G.O.(Rt)No.541/2020/WRD	RWSSStoElackadu,KurichithanamandPalackkattumala	mvs - new	kwa	200	338.69	Kadaplamattom	200	338.69	95

697	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSStoVeliyannoorandAdjoingvillages	mvs - new	kwa	6300	2464.62	Kaduthuruthy	1000	361.65	1135
698	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)RWSSStoKallaraPanchayath	mvs - new	kwa	2100	619.76	Kallara	2100	619.76	2627
699	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKanakkary,Mulakkulam&NjeezhoorGramaPa nchayath	mvs - new	kwa	3073	2720	Kanakkari	1000	1201.6	1000
700	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStoManjoorandKanakkaryPanchayath	mvs - new	kwa	500	266.73	Kanakkari	500	266.73	500
701	Kottayam	G.O.(Rt)No.777/20 20/WRD	CCWSSStoKanakkariandManjoorPanchayath	mvs - new	kwa	2939	666.85	Kanakkari	2939	666.85	2560
702	Kottayam	G.O.(Rt)No.134/20 22/WRD	7SmallWaterSupplyScheme3villages- Kangazha&Vazhoor	mvs - new	jalanidhi	453	317	Kangazha	453	317	0
703	Kottayam	G.O.(Rt)No.489/20 21/WRD	CWSSStoNedukunnam,KangazhaandKarukachalPan cahyath	mvs - new	kwa	19556	14047	Kangazha	5961	4998	115
704	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoNedumkunnam,Kangazha	mvs - new	kwa	572	433.3	Kangazha	257	173.5	257
705	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kangazhasmallwatersupplyscheme	mvs - new	jalanidhi	61	10.3	Kangazha	61	10.3	61
706	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kangazhasmallwatersupplyscheme	svs - retro	jalanidhi	16	1.22	Kangazha	16	1.22	16
707	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJMARWSSStoKanirampally,Chirakkadavu,Elikkulam	mvs - new	kwa	14964	11995	Kanjirappally	8288	7700	0
708	Kottayam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKanjirappallyElikkulamAndCirakkadav	mvs - new	kwa	3600	1750	Kanjirappally	1000	211	955
709	Kottayam	G.O.(Rt)No.489/20 21/WRD	ARWSSStoLalamVallichiraVillages	mvs - new	kwa	5644	5659	Karoor	5644	5659	0
710	Kottayam	G.O.(Rt)No.777/20 20/WRD	Karoorsmallwatersupplyschemes	mvs - new	jalanidhi	202	28.74	Karoor	202	28.74	267
711	Kottayam	G.O.(Rt)No.777/20 20/WRD	Karoorsmallwatersupplyschemes	svs - retro	jalanidhi	35	2.66	Karoor	35	2.66	35
712	Kottayam	G.O.(Rt)No.489/20 21/WRD	CWSSStoNedukunnam,KangazhaandKarukachalPan cahyath	mvs - new	kwa	19556	14047	Karukachal	7186	4277	0
713	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarukachal,MadapallyandVakathanam	mvs - new	kwa	235	125	Karukachal	235	125	313
714	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKidangoor,Kadaplamattom&Marangattupally GramaPanchayath	mvs - new	kwa	7284	21129.97	Kidangoor	2611	8061.6 5	0
715	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoVattukulangara,RWSSKummannoor,ARWS StoKidangoor	mvs - new	kwa	200	369.73	Kidangoor	200	369.73	181
716	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJMARWSSStoAyarkunnam,Kooropada&Pambady	mvs - new	kwa	4771	8509	Kooroppada	4771	8509	0
717	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kooropadasmallwatersupplyschemes	svs - retro	jalanidhi	27	2.05	Kooroppada	27	2.05	27
718	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kooropadasmallwatersupplyschemes	svs - new	jalanidhi	106	17.87	Kooroppada	106	17.87	106

719	Kottayam	G.O.(Rt)No.134/20 22/WRD	CWSSStoMundakkayam&KoruthoduPanchayath	mvs - new	kwa	19243	25121.74	Koruthode	3256	7323.9 5	0
720	Kottayam	G.O.(Rt)No.134/20 22/WRD	3BulkWaterSupplySchemes2villages- Puliannoor&Meenachil	mvs - new	jalanidhi	1236	938	Kozhuvanal	1236	938	236
721	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kozhuvanalsmallwatersupplyscheme	mvs - new	jalanidhi	81	12.12	Kozhuvanal	81	12.12	81
722	Kottayam	G.O.(Rt)No.777/20 20/WRD	Kozhuvanalsmallwatersupplyscheme	svs - retro	jalanidhi	19	1.44	Kozhuvanal	19	1.44	19
723	Kottayam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKumarakomThiruvappu	mvs - retro	kwa	2600	256	Kumarakom	800	78.77	635
724	Kottayam	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKumarakomThiruvappu	mvs - new	kwa	3900	608.3	Kumarakom	1200	166.59	1200
725	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoKurichi	mvs - new	kwa	250	212	Kurichy	250	212	297
726	Kottayam	G.O.(Rt)No.777/20 20/WRD	Madapallysmallwatersupplyschemes	mvs - new	jalanidhi	174	37.86	Madappally	174	37.86	200
727	Kottayam	G.O.(Rt)No.777/20 20/WRD	Madapallysmallwatersupplyschemes	svs - retro	jalanidhi	18	1.37	Madappally	18	1.37	43
728	Kottayam	G.O.(Rt)No.134/20 22/WRD	KottayamSubPorject	mvs - revised	kwa	0	970	Manarkkad	0	970	
729	Kottayam	G.O.(Rt)No.541/20 20/WRD	KSP-WSSStoManarcadu	mvs - new	kwa	350	70	Manarkkad	350	70	350
730	Kottayam	G.O.(Rt)No.777/20 20/WRD	KottayamSubProject	mvs - new	kwa	5481	2572	Manarkkad	5481	2572	2070
731	Kottayam	G.O.(Rt)No.489/20 21/WRD	CWSSStoManimalaPancayath	mvs - new	kwa	1800	1780	Manimala	1800	1780	
732	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStoanimalaandadjioningvillages	mvs - new	kwa	13700	9068	Manimala	3750	1359	1158
733	Kottayam	G.O.(Rt)No.541/20 20/WRD	WSSStoManjoor&Kanakkarypanchayat	mvs - new	kwa	7455	1075	Manjoor	7455	1075	2791
734	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKidangoor,Kadaplamattom&Marangattupally GramaPanchayath	mvs - new	kwa	7284	21129.97	Maragattupall y	3843	6093.8 8	
735	Kottayam	G.O.(Rt)No.777/20 20/WRD	Marangattupallysmallwatersupplyscheme	mvs - new	jalanidhi	80	13.19	Maragattupall y	80	13.19	80
736	Kottayam	G.O.(Rt)No.777/20 20/WRD	Marangattupallysmallwatersupplyscheme	svs - retro	jalanidhi	20	1.52	Maragattupall y	20	1.52	31
737	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Maravanthuru thu	517	231	0
738	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSStoThalayazham&adjoingvillages	mvs - new	kwa	9652	1556.8	Maravanthuru thu	2661	342.72	2306
739	Kottayam	G.O.(Rt)No.777/20 20/WRD	Meenachilsmallwatersupplyscheme	svs - retro	jalanidhi	15	1.14	Meenachil	15	1.14	91
740	Kottayam	G.O.(Rt)No.777/20 20/WRD	Meenachilsmallwatersupplyscheme	mvs - new	jalanidhi	61	10.13	Meenachil	61	10.13	61
741	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSMeenadom	mvs - new	jalanidhi	1900	1520	Meenadom	1900	1520	0
742	Kottayam	G.O.(Rt)No.777/20 20/WRD	Meenadomsmallwatersupplyscheme	mvs - new	jalanidhi	80	12.06	Meenadom	80	12.06	80

743	Kottayam	G.O.(Rt)No.777/20 20/WRD	Meenadomsmallwatersupplyscheme	svs - retro	jalanidhi	20	1.52	Meenadom	20	1.52	20
744	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSMelukavu	mvs - new	jalanidhi	650	616	Melukavu	650	616	0
745	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSMoonnilavu	mvs - new	jalanidhi	760	692	Moonilavu	760	692	0
746	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKanakkary,Mulakkulam&NjeezhoorGramaPa nchayath	mvs - new	kwa	3073	2720	Mulakulam	1550	774.27	0
747	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSStoVeliyannoorandAdjoiningvillages	mvs - new	kwa	6300	2464.62	Mulakulam	1500	526.22	544
748	Kottayam	G.O.(Rt)No.777/20 20/WRD	ARWSSStoVeliyannoorandAdjoiningVillages	mvs - new	kwa	9644	3770.83	Mulakulam	2750	600.84	2750
749	Kottayam	G.O.(Rt)No.134/20 22/WRD	CWSSStoMundakkayam&KoruthoduPanchayath	mvs - new	kwa	19243	25121.74	Mundakayam	15987	17797. 79	0
750	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoMundakkayam	mvs - new	kwa	150	50	Mundakayam	150	50	170
751	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSMutholy	mvs - new	jalanidhi	1908	1581	Mutholi	1908	1581	169
752	Kottayam	G.O.(Rt)No.777/20 20/WRD	Mutholysmallwatersupplyschemes	mvs - new	jalanidhi	167	27.435	Mutholi	167	27.435	167
753	Kottayam	G.O.(Rt)No.777/20 20/WRD	Mutholysmallwatersupplyschemes	svs - retro	jalanidhi	39	2.97	Mutholi	39	2.97	39
754	Kottayam	G.O.(Rt)No.489/20 21/WRD	CWSSStoNedukunnam,KangazhaandKarukachalPan cahyath	mvs - new	kwa	19556	14047	Nedumkunna m	6409	4772	315
755	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoNedumkunnam,Kangazha	mvs - new	kwa	572	433.3	Nedumkunna m	315	259.8	374
756	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJMCWSSStoEttumanoor&adjoiningvillages	mvs - new	kwa	3472	670	Neendoor	3472	670	1754
757	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStoEttumanoorandadjoiningvillages	mvs - retro	kwa	100	10	Neendoor	100	10	100
758	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStoEttumanoorandadjoiningvillages	mvs - new	kwa	3700	839.23	Neendoor	1100	249.42	1100
759	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKanakkary,Mulakkulam&NjeezhoorGramaPa nchayath	mvs - new	kwa	3073	2720	Njeezhoor	523	744.13	348
760	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSStoVeliyannoorandAdjoiningvillages	mvs - new	kwa	6300	2464.62	Njeezhoor	1500	452.34	1500
761	Kottayam	G.O.(Rt)No.777/20 20/WRD	ARWSSStoVeliyannoorandAdjoiningVillages	mvs - new	kwa	9644	3770.83	Njeezhoor	1800	783.46	0
762	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoPaippadu	mvs - new	kwa	350	183	Paippad	350	183	395
763	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPallikkathoduPt	mvs - new	kwa	3346	3810.4	Pallikkathode	3346	3810.4	0
764	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStoanimalaandadjoiningvillages	mvs - new	kwa	13700	9068	Pallikkathode	2650	2415	320
765	Kottayam	G.O.(Rt)No.489/20 21/WRD	ARWSSStoAyarkunnam,KooropadaandPampadyPts.	mvs - new	kwa	8000	4813.3	Pampady	8000	4813.3	1159

766	Kottayam	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCtoPanachikkaduPanchayath(KOTTA YAMSUBPROJECT,VELLOOPARAMBU)	mvs - new	kwa	7244	7891	Panachikkad	7244	7891	350
767	Kottayam	G.O.(Rt)No.777/20 20/WRD	ParakulamPadiyaraSJVS	mvs - retro	jalanidhi	4	0.3	Panachikkad	4	0.3	4
768	Kottayam	G.O.(Rt)No.777/20 20/WRD	Panachikadusmallwatersupplyschemes	mvs - new	jalanidhi	11	1.82	Panachikkad	11	1.82	11
769	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSparathodu	mvs - new	jalanidhi	750	382	Parathode	750	382	45
770	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJMARWSSToParathodu&Mundakayam	mvs - new	kwa	6200	6500	Parathode	6200	6500	0
771	Kottayam	G.O.(Rt)No.777/20 20/WRD	Parathodusmallwatersupplyscheme	mvs - new	jalanidhi	184	29.92	Parathode	184	29.92	184
772	Kottayam	G.O.(Rt)No.777/20 20/WRD	Parathodusmallwatersupplyscheme	svs - retro	jalanidhi	39	2.96	Parathode	39	2.96	39
773	Kottayam	G.O.(Rt)No.489/20 21/WRD	WSSToKottayamMunicipalityandadj.Pts.	mvs - new	kwa	8139	7771	Puthuppally	8139	7771	437
774	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSToPuthuppally,AWSSToKottayamMunicipality& AdjoiningPanchayaths	mvs - new	kwa	150	34.85	Puthuppally	150	34.85	150
775	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSTeekoy	mvs - new	jalanidhi	640	567	Teekoy	640	567	65
776	Kottayam	G.O.(Rt)No.777/20 20/WRD	Teekoysmallwatersupplyschemes	svs - retro	jalanidhi	3	0.23	Teekoy	3	0.23	3
777	Kottayam	G.O.(Rt)No.777/20 20/WRD	Teekoysmallwatersupplyschemes	mvs - new	jalanidhi	17	2.55	Teekoy	17	2.55	17
778	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Thalayazham	847	153	847
779	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToThalayazham&adjoingvillages	mvs - new	kwa	9652	1556.8	Thalayazham	1414	197.95	1414
780	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Thalayolapar ambu	1298	234	928
781	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToThalayazham&adjoingvillages	mvs - new	kwa	9652	1556.8	Thalayolapar ambu	2358	491.51	2358
782	Kottayam	G.O.(Rt)No.541/20 20/WRD	ARWSSToKumarakomThiruvarp	mvs - retro	kwa	2600	256	Thiruvarp	1800	177.23	1900
783	Kottayam	G.O.(Rt)No.541/20 20/WRD	ARWSSToKumarakomThiruvarp	mvs - new	kwa	3900	608.3	Thiruvarp	2700	441.71	4065
784	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSToThrikkodithanam	mvs - new	kwa	700	307	Thrikkodithan am	700	307	771
785	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	TV Puram	2757	497	2800

786	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToThalayazham&adjoiningvillages	mvs - new	kwa	9652	1556.8	TV Puram	69	16.04	364
787	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSStoVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Udayanapura m	3240	721	3006
788	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToThalayazham&adjoiningvillages	mvs - new	kwa	9652	1556.8	Udayanapura m	2070	290.78	2070
789	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToVeliyanloorandAdjoiningvillages	mvs - new	kwa	6300	2464.62	Uzhavoor	500	405.1	500
790	Kottayam	G.O.(Rt)No.777/20 20/WRD	ARWSStoVeliyanloorandAdjoiningVillages	mvs - new	kwa	9644	3770.83	Uzhavoor	960	450	678
791	Kottayam	G.O.(Rt)No.541/20 20/WRD	WSSTOVAKATHANAM	mvs - new	kwa	8774	8110	Vakathanam	8774	8110	250
792	Kottayam	G.O.(Rt)No.541/20 20/WRD	RWSSStoVazhappally	mvs - new	kwa	810	402	Vazhappally	810	402	961
793	Kottayam	G.O.(Rt)No.134/20 22/WRD	CWSSStomanimalaandadjoiningvillages	mvs - revised	kwa	0	433	Vazhoor	0	433	0
794	Kottayam	G.O.(Rt)No.134/20 22/WRD	WSSVazhoor	mvs - new	jalanidhi	625	426	Vazhoor	625	426	687
795	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoVazhoorGramaPanchayath	mvs - new	kwa	3539	2023.92	Vazhoor	3539	2023.9 2	0
796	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStomanimalaandadjoiningvillages	mvs - new	kwa	13700	9068	Vazhoor	3800	2657	0
797	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM- WSStoVechoor,Thalayazham,TVpuram,Udayanapur am,Maravanthuruthu,Chempu,ThalayolaparambuP	mvs - new	kwa	10449	2297	Vechoor	1102	199	1039
798	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSSToThalayazham&adjoiningvillages	mvs - new	kwa	9652	1556.8	Vechoor	1080	217.8	1080
799	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSStoVeliyanloorandAdjoiningvillages	mvs - new	kwa	6300	2464.62	Veliyanloor	800	317.2	800
800	Kottayam	G.O.(Rt)No.777/20 20/WRD	ARWSStoVeliyanloorandAdjoiningVillages	mvs - new	kwa	9644	3770.83	Veliyanloor	1634	766.53	285
801	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoVellavoorpanchayat	mvs - new	kwa	617	1939.14	Vellavoor	617	1939.1 4	546
802	Kottayam	G.O.(Rt)No.134/20 22/WRD	CWSSStomanimalaandadjoiningvillages	mvs - revised	kwa	0	755	Vellavoor	0	755	0
803	Kottayam	G.O.(Rt)No.541/20 20/WRD	CWSSStomanimalaandadjoiningvillages	mvs - new	kwa	13700	9068	Vellavoor	3500	2637	0
804	Kottayam	G.O.(Rt)No.541/20 20/WRD	1)ARWSStoVeliyanloorandAdjoiningvillages	mvs - new	kwa	6300	2464.62	Velloor	1000	402.11	607
805	Kottayam	G.O.(Rt)No.777/20 20/WRD	ARWSStoVeliyanloorandAdjoiningVillages	mvs - new	kwa	9644	3770.83	Velloor	2500	1170	2200
806	Kottayam	G.O.(Rt)No.134/20 22/WRD	JJMKottayamsubprojectVellooparambu	mvs - new	kwa	6992	8828	Vijayapuram	6992	8828	68
807	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Arikulam	4613	5159.3	0
808	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Atholi	7101	7941.9	5

809	Kozhikode	G.O.(Rt)No.777/20 20/WRD	AyancherySmallwatersupplyscheme	mvs - new	jalanidhi	13	0.99	Ayancheri	13	0.99	9
810	Kozhikode	G.O.(Rt)No.777/20 20/WRD	AyancherySmallwatersupplyscheme	svs - new	jalanidhi	118	18.72	Ayancheri	118	18.72	40
811	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Azhiyur	6927	7035.5 5	14
812	Kozhikode	G.O.(Rt)No.541/20 20/WRD	ARWSSToAzhiyur	svs - retro	kwa	200	19.29	Azhiyur	200	19.29	200
813	Kozhikode	G.O.(Rt)No.541/20 20/WRD	ARWSSToAzhiyur	mvs - new	kwa	100	48.73	Azhiyur	100	48.73	100
814	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalusseri,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Balusseri	0	289.95	0
815	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICAAssistedWSSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	20102	4278.65	Balusseri	4713	1257.9 5	1458
816	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JaJeevanMission- WaterSupplySchemeinChakkittaparaPanchayath	mvs - new	kwa	2327	2718	Chakittapara	2327	2718	0
817	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSStoPerambraandadjoiningvillages	mvs - new	kwa	8412	3070	Chakittapara	1300	1650	69
818	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JJM-ProvidingFHTCstoChakkittapara	mvs - revised	kwa	2000	0	Chakittapara	2000	0	0
819	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Changaroath	7028	7860.2	100
820	Kozhikode	G.O.(Rt)No.541/20 20/WRD	CWSSStoPerambraandAdjoiningVillages	mvs - new	kwa	480	128	Changaroath	210	38	119
821	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoChathamangalam,Kizhakothe,Unnikulam,T hamarassery,Kodancheri,PuthupadiandKattiparaG P	mvs - new	kwa	58402	61550.68	Chathamang alam	10704	11281. 1	568
822	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSStoChathamangalam	mvs - new	kwa	100	17.7	Chathamang alam	100	24.5	100
823	Kozhikode	G.O.(Rt)No.777/20 20/WRD	WSSStoKoolimadu&NarikuzhiinChathamangalamPH2	mvs - new	kwa	652	224	Chathamang alam	652	224	652
824	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMPProvidingFHTCtoChekiadPanchayat	mvs - new	kwa	5358	3158	Chekiad	5358	3158	
825	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSStoChekiad	mvs - new	kwa	30	5.6	Chekiad	30	5.6	36
826	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelennur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Chelannur	0	224.11	0
827	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinChelannurPanchayath	mvs - new	kwa	4829	1659	Chelannur	4829	1659	0
828	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Chelannur	3500	2189.1	34
829	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Chemanache ry	8267	9245.9	0

830	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Chengottukav u	6704	7497.9	0
831	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Chorode	7543	7661.2	0
832	Kozhikode	G.O.(Rt)No.777/20 20/WRD	ChorodeTheeradesaSamagraSudhajalaVitharanaPa dhathi	mvs - new	jalanidhi	30	2.28	Chorode	30	2.28	30
833	Kozhikode	G.O.(Rt)No.777/20 20/WRD	ChorodeTheeradesaSamagraSudhajalaVitharanaPa dhathi	svs - new	jalanidhi	270	42.78	Chorode	270	42.78	250
834	Kozhikode	G.O.(Rt)No.777/20 20/WRD	SmallwatersupplyschemestoKotturpanchayat	mvs - new	jalanidhi	25	1.9	Chorode	25	1.9	13
835	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Edacheri	5093	5172.8 1	0
836	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSStoEdachery	mvs - new	kwa	50	13	Edacheri	50	13	51
837	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Eramala	9234	9378.7	2
838	Kozhikode	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtoKadalundiPanchayats	mvs - new	kwa	625	307.3	Kadalundi	625	307.3	625
839	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICAAssistedWSSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	20102	4278.65	Kadalundi	3009	479	3050
840	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Kakkodi	0	34.86	0
841	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinKakkodiPanchayat	mvs - new	kwa	1406	454	Kakkodi	1406	454	405
842	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Kakkodi	6860	1085.1 1	6860
843	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinKakkurPanchayath	mvs - new	kwa	3495	1237.5	Kakkur	3495	1237.5	2120
844	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Kakkur	1500	455.63	1500
845	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoKarassery,Kodiyathoor,Koodaranhi,Thiru vanbadiandOmasseryGP	mvs - new	kwa	26385	26178.17	Karasseri	7407	7348.9 3	271
846	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSStoKoovapparamalamkunnu	mvs - new	kwa	80	21.6	Karasseri	80	21.6	80
847	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoChathamangalam,Kizhakothe,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG p	mvs - new	kwa	58402	61550.68	Kattuppara	1300	1370.1 3	0
848	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoMaruthonkaraAndKavilumparaGramapancha yat	mvs - new	kwa	7975	9308	Kavilampara	4458	4531.2	2

849	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Kayakkodi	0	140.76	0
850	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Kayakkodi	0	57.32	0
851	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKunnumalandadjoiningpanchayat	mvs - new	kwa	29712	11191.5	Kayakkodi	1250	351.6	700
852	Kozhikode	G.O.(Rt)No.777/20 20/WRD	WSSToKunnumal&adj.Pts	mvs - new	kwa	5713	2410	Kayakkodi	3330	1200	180
853	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Kayanna	3426	3831.7	0
854	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSToKayanna	mvs - new	kwa	70	13	Kayanna	70	13	81
855	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Keezhariyur	3743	4186.2	0
856	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToChathamangalam,Kizhakoth,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG p	mvs - new	kwa	58402	61550.68	Kizhakoth	7465	7867.5	0
857	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKizhakoth	mvs - new	kwa	100	24.3	Kizhakoth	100	18.58	141
858	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToChathamangalam,Kizhakoth,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG p	mvs - new	kwa	8112	8549.32	Kodencheri	8112	8549.3 2	484
859	Kozhikode	G.O.(Rt)No.541/20 20/WRD	ARWSSToKodenchery	mvs - new	kwa	50	17.6	Kodencheri	50	17.6	50
860	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToKarassery,Kodiyathoor,Koodaranhi,Thiru vanbadiandOmasseryGP	mvs - new	kwa	26385	26178.17	Kodiyathur	6663	6610.7 7	298
861	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSToKodiyathur	mvs - new	kwa	80	21.2	Kodiyathur	80	56.34	80
862	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToKarassery,Kodiyathoor,Koodaranhi,Thiru vanbadiandOmasseryGP	mvs - new	kwa	3338	3311.83	Koodaranji	3338	3311.8 3	0
863	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Koorachundu	4155	4647	1
864	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Koothali	4438	4963.5	0
865	Kozhikode	G.O.(Rt)No.541/20 20/WRD	CWSSToPerambraandAdjoiningVillages	mvs - new	kwa	480	128	Koothali	270	40	290
866	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJMWSSToKotturGramaPanchayatthinKozhikkoduDis trict	mvs - revised	kwa	1629	595.55	Kottur	1629	595.55	0
867	Kozhikode	G.O.(Rt)No.777/20 20/WRD	SmallwatersupplyschemestoKotturpanchayat	mvs - new	jalaniidhi	225	35.67	Kottur	225	35.67	

868	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCsbylayingnewdistributionlineinKotturG rammaPanchayath	mvs - new	kwa	5950	2820	Kottur	5950	2820	41
869	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Kunnamangal am	0	272.16	0
870	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Kunnamangal am	0	336.7	0
871	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICAAssistedWSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	20102	4278.65	Kunnamangal am	2828	552	2828
872	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JICAAssistedWSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	7698	3441.5	Kunnamangal am	5676	2530	4509
873	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoKunnummalPanchayath	mvs - new	kwa	901	460	Kunnumel	901	460	920
874	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSStoKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Kunnumel	2500	668.6	2500
875	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Kuruvattur	0	21.03	0
876	Kozhikode	G.O.(Rt)No.489/20 21/WRD	providingFHTCinkuruvatturpanchayath	mvs - new	kwa	2068	598	Kuruvattur	2068	598	2068
877	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Kuruvattur	4261	812	4519
878	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiadi,Nad ap	mvs - revised	kwa	0	2621.74	Kuttiadi	0	104.11	0
879	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSStoKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Kuttiadi	1208	223	1208
880	Kozhikode	G.O.(Rt)No.777/20 20/WRD	WSStoKunnumal&adj.Pts	mvs - new	kwa	5713	2410	Kuttiadi	2383	1210	236
881	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWStoChathamangalam,Kizhakothe,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG p	mvs - new	kwa	58402	61550.68	Madavoor	7133	7517.6	210
882	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSStoMadavoor	mvs - new	kwa	50	17.7	Madavoor	50	14.79	50
883	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM- WSStoMaruthonkaraAndKavilumparaGramaPancha yat	mvs - new	kwa	7975	9308	Maruthomkar a	3517	4776.8	0
884	Kozhikode	G.O.(Rt)No.489/20 21/WRD	WSStoMavoor	mvs - new	kwa	3999	2800	Mavoor	3999	2800	728
885	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSStoMavoor	mvs - new	kwa	500	145.57	Mavoor	500	145.57	500
886	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Meppayur	6632	7417.3	13

887	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Moodadi	7212	8066	1
888	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Nadapuram	0	487.9	0
889	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSStoKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Nadapuram	8476	3328.3	1993
890	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJmWSSStoNaduvannurGramaPanchayathinKozhiko deDistrict	mvs - revised	kwa	300	336.12	Naduvannur	300	336.12	0
891	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCsinNaduvannurGramaPanchayath	mvs - new	kwa	4008	1883.2	Naduvannur	4008	1883.2	0
892	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Nanmanda	0	207.9	0
893	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMnanmindapanchayat	mvs - new	kwa	616	708	Nanmanda	616	708	416
894	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICAAssistedWSSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	20102	4278.65	Nanmanda	5252	1322.6 9	1000
895	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoNARIKKUNIGRAMAPANCHATH	mvs - new	kwa	495	332	Narikuni	495	332	0
896	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICAAssistedWSSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	20102	4278.65	Narikuni	4300	658	4000
897	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JICAAssistedWSSStoCalicutandadjoiningPanchayath s	mvs - new	kwa	7698	3441.5	Narikuni	2022	911.5	272
898	Kozhikode	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtpNarippattaPanchayats	mvs - new	kwa	2303	2600	Naripetta	2303	2600	0
899	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Naripetta	0	64.64	0
900	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinNarippattaPanchayat	mvs - new	kwa	2050	1010	Naripetta	2050	1010	904
901	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSStoKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Naripetta	1400	320	1400
902	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Nochad	6731	7528.1	0
903	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Olavanna	0	69.25	0
904	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoOlavannaPanchayath	mvs - new	kwa	1700	704	Olavanna	1700	704	0

905	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	svs - retro	kwa	1150	112.25	Olavanna	300	28.5	300
906	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Olavanna	8100	2032.5	5165
907	Kozhikode	G.O.(Rt)No.777/20 20/WRD	Providingfunctionalhouseholdtapconnections(FHTC)i nOlavannagramapanchayath	mvs - new	kwa	4412	1029	Olavanna	4412	1029	8100
908	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoKarassery,Kodiyathoor,Koodaranhi,Thiru vanbadiandOmasseryGP	mvs - new	kwa	26385	26178.17	Omassery	8915	8845.1 2	83
909	Kozhikode	G.O.(Rt)No.777/20 20/WRD	MiniWSSStoOmassery	svs - new	gwd	81	11.35	Omassery	81	11.35	0
910	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Onchiyam	7322	7436.7 4	4
911	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Panangad	8759	9796.2	0
912	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- watersupplyschemeinPerambraPanchayath	mvs - new	kwa	3188	2570	Perambra	3188	2570	0
913	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSStoPerambraandadjoiningvillages	mvs - new	kwa	8412	3070	Perambra	7112	1420	4
914	Kozhikode	G.O.(Rt)No.777/20 20/WRD	JJM-ProvidingFHTCsinPerambraPanchayat	mvs - revised	kwa	0	1818	Perambra	0	1818	0
915	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinPerumannaPanchayath	mvs - new	kwa	2800	838	Perumanna	2800	838	500
916	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	svs - retro	kwa	1150	112.25	Perumanna	850	83.75	850
917	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Perumanna	5850	1112.2 5	3500
918	Kozhikode	G.O.(Rt)No.777/20 20/WRD	Providingfunctionalhouseholdtapconnections(FHTC)i nPerumannagramapanchayath	mvs - new	kwa	968	235	Perumanna	968	235	811
919	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Peruvayal	0	116.78	0
920	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Peruvayal	4000	1400	1313
921	Kozhikode	G.O.(Rt)No.777/20 20/WRD	Providingfunctionalhouseholdtapconnections(FHTC)i nPeruvayalgramapanchayath	mvs - new	kwa	6456	1492	Peruvayal	6456	1492	4000
922	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Purameri	5167	5247.9 7	0
923	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSStoPurameri	mvs - new	kwa	70	17	Purameri	70	17	80
924	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoChathamangalam,Kizhakothe,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG P	mvs - new	kwa	58402	61550.68	Puthuppady	10112	10657. 14	0

925	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM20-2021-Ph1&phasellbalancework- ProvidingFHTCforChelenur,Thalakulathur,Kuruvattur ,Kakkodi,	mvs - revised	kwa	0	1219.86	Thalakulathur	0	144.97	0
926	Kozhikode	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinThalakulathurPanchayath	mvs - new	kwa	1307	588.82	Thalakulathur	1307	588.82	0
927	Kozhikode	G.O.(Rt)No.541/20 20/WRD	JICA-AssistedKWSP- Kozhikodecityandadjoiningvillages	mvs - new	kwa	36071	10925.59	Thalakulathur	2000	1839	404
928	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToChathamangalam,KizhakoTh,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG P	mvs - new	kwa	58402	61550.68	Thamarasseri	9844	10374. 7	0
929	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Thikkodi	6242	6981.2	14
930	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToKarassery,Kodiyathoor,Koodaranhi,Thiru vanbadiandOmasseryGP	mvs - new	kwa	26385	26178.17	Thiruvambadi	3400	3373.3 5	0
931	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSToThiruvambady	mvs - new	kwa	50	17.3	Thiruvambadi	50	17.3	166
932	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Thuner	0	484.41	0
933	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Thuner	4670	1820	648
934	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKoilandyandadjoiningvillages	mvs - new	kwa	3352	1650	Thurayur	3352	1650	3663
935	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToUlliyeri,Moodadiandadjoining12panchayat h	mvs - new	kwa	93239	104280	Ulliyeri	8188	9157	0
936	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMWSSToChathamangalam,KizhakoTh,Unnikulam,T hamarassery,Kodancheri,PuthuppadiandKattiparaG P	mvs - new	kwa	58402	61550.68	Unnikulam	11844	12482. 51	0
937	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSToUnnikulam-Sivapuram	mvs - new	kwa	400	75.96	Unnikulam	400	75.96	415
938	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Valayam	0	350.3	0
939	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Valayam	4607	1820	1007
940	Kozhikode	G.O.(Rt)No.134/20 22/WRD	JJM-20-2021-Phase1andPhaseIIBalancework- ProvidingFHTCforBalussery,Kayakkodi,Kuttiady,Nad ap	mvs - revised	kwa	0	2621.74	Vanimel	0	434.45	0
941	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToKunnumalandadjoiningpanchayath	mvs - new	kwa	29712	11191.5	Vanimel	5601	2260	980

942	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Velom	6543	6645.5 3	0
943	Kozhikode	G.O.(Rt)No.541/20 20/WRD	RWSSToVelom	mvs - new	kwa	250	57.57	Velom	250	57.57	281
944	Kozhikode	G.O.(Rt)No.489/20 21/WRD	JJMCWSSStoEramalaandadjoining7panchayaths	mvs - new	kwa	56098	56977.08	Villiyappally	8269	8398.5 8	0
945	Kozhikode	G.O.(Rt)No.541/20 20/WRD	WSSToOnchiyamChorode	mvs - new	kwa	200	38.5	Villiyappally	200	38.5	207
946	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSToPonnaniandadjoiningvillages	mvs - revised	kwa	0	23317	Alancode	0	5221	0
947	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSSToEdappal&adjoiningpanchayats	mvs - new	kwa	360	69	Alancode	190	35	200
948	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSToPonnaniandadjoiningvillages	mvs - new	kwa	14964	2750	Alancode	7660	1400	4591
949	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-SC-ST dominatedarea- WaterSupplySchemetoWard18AlipparambuPanchay ath	mvs - new	kwa	300	190	Aliparamba	300	190	0
950	Malappuram	G.O.(Rt)No.489/20 21/WRD	WSSToThazhekodeandAliparambaPanchayaths	mvs - new	kwa	12086	11800	Aliparamba	4724	4612.2 3	1507
951	Malappuram	G.O.(Rt)No.777/20 20/WRD	Aliparambalargewatersupplyscheme	svs - retro	jalanidhi	50	3.8	Aliparamba	50	3.8	50
952	Malappuram	G.O.(Rt)No.777/20 20/WRD	Aliparambalargewatersupplyscheme	mvs - new	jalanidhi	450	71.3	Aliparamba	450	71.3	450
953	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSSToKarulai,Muthedam,Amarambalam&Chokkad ptsin	mvs - new	kwa	20825	36230	Amarambala m	5452	9016.1 2	83
954	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSSToAmarambalam	mvs - new	kwa	2000	335	Amarambala m	2000	335	2000
955	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingWSSToAnakkayamPanchayath	mvs - revised	kwa	0	2697	Anakkayam	0	2697	0
956	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToAnakkayam	mvs - new	kwa	6306	2653	Anakkayam	6306	2653	2226
957	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingFHTCstoAngadippuramPanchayathPh asell	mvs - revised	kwa	0	80	Angadipuram	0	80	0
958	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSToAngadipuram	mvs - new	kwa	8900	2790	Angadipuram	8900	2790	490
959	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSToAngadippuram	mvs - new	kwa	1000	230	Angadipuram	1000	230	509
960	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToARNagarPh.I.andII	mvs - revised	kwa	0	698	AR Nagar	0	698	0
961	Malappuram	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtoARNagatPanchayath	mvs - new	kwa	1317	439.5	AR Nagar	1317	439.5	0
962	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToARNagar	mvs - new	kwa	5460	5371	AR Nagar	5460	5371	26
963	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMPProvidingWSSToAreakodePanchayath	mvs - revised	kwa	0	200	Areekode	0	200	0

964	Malappuram	G.O.(Rt)No.541/20 20/WRD	NABAR Daided WSS to Areacode	mvs - new	kwa	3980	670	Areekode	3980	670	1974
965	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- Providing FHTC to Kuttippuram, Thirunnavaya, Athavanad and Marakkara Pachayaths	mvs - new	kwa	14300	22107.12	Athavanad	2856	4415.2 4	0
966	Malappuram	G.O.(Rt)No.134/20 22/WRD	CARWSS to Thirunavaya and adjoining Pts	mvs - revised	kwa	0	959.65	Athavanad	0	510.95	0
967	Malappuram	G.O.(Rt)No.541/20 20/WRD	CRWSS to Thirunavaya & Adj. Pts	mvs - new	kwa	4000	600	Athavanad	2000	300	2022
968	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSS to Thirunavaya and adjoining Pts	mvs - new	kwa	16722	7776	Athavanad	4595	2100	0
969	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-Water Supply Scheme to Chaliyar Panchayath	mvs - new	jalaniidhi	3881	4030.8	Chaliyar	3881	4030.8	0
970	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSS to Cheekode and adjoining Villages	mvs - revised	kwa	0	9709.3	Cheekode	0	2039	0
971	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSS to Cheekode and adjoining Villages	mvs - new	kwa	5748	1800	Cheekode	5748	1800	5737
972	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSS to Mooniyur, Chelebra, Thanjipalam & Vallikunnu Grama Panchayath	mvs - revised	kwa	0	2000	Chelambra	0	370.77	0
973	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Mooniyur, Chelebra, Thanjipalam and Vallikunnu Grama Panchayaths in Malappuram District	mvs - new	kwa	34780	28578	Chelambra	6897	5667.1	13
974	Malappuram	G.O.(Rt)No.777/20 20/WRD	ARWSS to M/T/C/P	mvs - new	kwa	100	12	Chelambra	50	5.8	50
975	Malappuram	G.O.(Rt)No.777/20 20/WRD	Bulk water supply to Chelambra from KINFRA	svs - retro	jalaniidhi	30	2.28	Chelambra	30	2.28	30
976	Malappuram	G.O.(Rt)No.777/20 20/WRD	Bulk water supply to Chelambra from KINFRA	mvs - new	jalaniidhi	270	103.32	Chelambra	270	103.32	270
977	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-Providing WSS to Tanur Municipality.	mvs - new	kwa	31078	18682	Cheriyamundam	6729	3428	0
978	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSS to Cheekode and adjoining Villages	mvs - revised	kwa	0	9709.3	Cherukavu	0	500	0
979	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSS to Cheekode and adjoining Villages	mvs - new	kwa	42364	13800	Cherukavu	5091	1800	5052
980	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSS to Karulai, Muthedam, Amarambalam & Chokkad ptn	mvs - new	kwa	20825	36230	Chokkad	5695	9543.6 1	0
981	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSS to Edakkara, Vazhikkadavu & Pothukallu Panchayaths	mvs - new	kwa	19315	42947	Chungathara	6099	11552	0
982	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSS to Padinjattupadam	mvs - new	kwa	300	45	Chungathara	300	45	292
983	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSS to Edakkara, Vazhikkadavu & Pothukallu Panchayaths	mvs - new	kwa	19315	42947	Edakkara	5395	8449	0
984	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSS to Edakkara	mvs - new	kwa	500	78	Edakkara	500	78	507

985	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoPonnaniandadjoiningvillages	mvs - revised	kwa	0	23317	Edappal	0	4208	0
986	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSSStoEdappal&adjoiningpanchayats,KIIFB- WSSStoPonnaniandadjoininggramapanchayats	mvs - new	kwa	730	126	Edappal	190	30	586
987	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSStoPonnaniandadjPts	mvs - new	kwa	27971	5535	Edappal	6401	1185	3500
988	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoWandoor,Thuvuvur,Kalikavu,Karuvarakundu &Edappatta	mvs - revised	kwa	0	2048	Edappatta	0	0	0
989	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSStoWandoor,Thuvoor,Kalikavu,Karuvarakundu andEdapattaPanchayaths	mvs - new	kwa	34761	32058	Edappatta	5485	5058.4 9	0
990	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCstoEdarikodeGramaPanchayath	mvs - new	kwa	5108	7700	Edarikode	5108	7700	0
991	Malappuram	G.O.(Rt)No.777/20 20/WRD	LargewatersupplyschemetoEdarikodeGP	svs - new	jalanidhi	90	14.29	Edarikode	90	14.29	90
992	Malappuram	G.O.(Rt)No.777/20 20/WRD	LargewatersupplyschemetoEdarikodeGP	svs - retro	kwa	10	0.76	Edarikode	10	0.76	10
993	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoEdavannaPanchayath.	mvs - revised	kwa	227	1844	Edavanna	227	1844	0
994	Malappuram	G.O.(Rt)No.541/20 20/WRD	KIIFBaidedWSSStoEdavannaPanchayat	mvs - new	kwa	8585	1099.88	Edavanna	8585	1099.8 8	4098
995	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoEdayurPanchayath	mvs - revised	kwa	0	663.51	Edayoor	0	663.51	0
996	Malappuram	G.O.(Rt)No.541/20 20/WRD	KIIFB- WSSStoEdayur,IrimbiliyamPanchayatsandValancheri Municipality	mvs - new	kwa	11156	1588	Edayoor	6961	935	4640
997	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoElamkulam	mvs - new	kwa	2933	1519	Elamkulam	2933	1519	235
998	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSStoElamkulam	mvs - new	kwa	750	125	Elamkulam	750	125	750
999	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoIrmbiliyamPanchayath	mvs - revised	kwa	0	529	Irmbiliyam	0	529	0
1000	Malappuram	G.O.(Rt)No.541/20 20/WRD	KIIFB- WSSStoEdayur,IrmbiliyamPanchayatsandValancheri Municipality	mvs - new	kwa	11156	1588	Irmbiliyam	4195	653	2632
1001	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoPonnaniandadjoiningvillages	mvs - revised	kwa	0	23317	Kalady	0	3296	0
1002	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSSStoEdappal&adjoiningpanchayats,KIIFB- WSSStoPonnaniandadjoininggramapanchayats	mvs - new	kwa	730	126	Kalady	160	30	250
1003	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSStoPonnaniandadjPts	mvs - new	kwa	27971	5535	Kalady	5494	1120	2903

1004	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMRWSSStoKalikavu	mvs - revised	kwa	0	151	Kalikavu	0	151	0
1005	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoWandoor,Thuvvur,Kalikavu,Karuvarakundu &Edappatta	mvs - revised	kwa	0	2048	Kalikavu	0	0	0
1006	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSStoWandoor,Thuvvor,Kalikavu,Karuvarakundu andEdapattaPanchayaths	mvs - new	kwa	34761	32058	Kalikavu	5428	5005.9 2	700
1007	Malappuram	G.O.(Rt)No.489/20 21/WRD	RWSSStoKalikavu	mvs - new	kwa	2000	742	Kalikavu	2000	742	741
1008	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoValavannurPanchayath	mvs - revised	kwa	0	2709.99	Kalpakancher i	0	1362.9 9	0
1009	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSStoValavannurandKalpakancheriPts	mvs - new	kwa	15034	2096.99	Kalpakancher i	7568	1053.9 9	3251
1010	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoKannamangalam	mvs - revised	kwa	0	175	Kannamangal am	0	175	0
1011	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoKannamangalamPh.I	svs - revised	kwa	0	175	Kannamangal am	0	175	0
1012	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSStoKannamangalam	mvs - new	kwa	9163	1261	Kannamangal am	9163	1261	6806
1013	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSSStoKarulai,Muthedam,Amarambalam&Chokkad ptsin	mvs - new	kwa	20825	36230	Karulai	5175	9503.0 7	0
1014	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoWandoor,Thuvvur,Kalikavu,Karuvarakundu &Edappatta	mvs - revised	kwa	0	2048	Karuvarakun du	0	0	0
1015	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSStoWandoor,Thuvvor,Kalikavu,Karuvarakundu andEdapattaPanchayaths	mvs - new	kwa	34761	32058	Karuvarakun du	9424	8691.2	134
1016	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSStoKaruvarakund	svs - retro	jalanidhi	20	1.52	Karuvarakun du	20	1.52	0
1017	Malappuram	G.O.(Rt)No.777/20 20/WRD	Karuvarakundsmallwatersupplyschemes	mvs - new	jalanidhi	180	28.53	Karuvarakun du	180	28.53	0
1018	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKavannurVillageinMalappuramDistrictPha selandII	mvs - revised	kwa	0	821.5	Kavannur	0	821.5	0
1019	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSStoKavannur	mvs - new	kwa	8861	1079	Kavannur	8861	1079	5729
1020	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSStoKavannur	mvs - revised	kwa	0	273	Kavannur	0	273	0
1021	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoKeezhuparambagramaPanchayaths	mvs - new	kwa	3536	5706	Kizhuparamb a	3536	5706	0
1022	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSStoKeezhuparamba	mvs - new	kwa	500	84	Kizhuparamb a	500	84	546
1023	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoKodurGramaPanchayat	mvs - revised	kwa	4536	6445.26	Kodur	4536	6445.2 6	0
1024	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKodur	mvs - new	kwa	1380	407	Kodur	1380	407	1611

1025	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoMoorkanad&adjoiningvillages	mvs - revised	kwa	0	20690	Koottilangadi	0	2406.6 7	0
1026	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSSStoMoorkkanad&adjoiningVillages	mvs - new	kwa	10235	2087	Koottilangadi	2820	450	2900
1027	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSStoMoorkkanadandadjvillages	mvs - new	kwa	15440	4396	Koottilangadi	1436	784	479
1028	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoMoorkanad&adjoiningvillages	mvs - revised	kwa	0	20690	Kuruva	0	4525.3	0
1029	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSSStoMoorkkanad&adjoiningVillages	mvs - new	kwa	10235	2087	Kuruva	1000	210	1000
1030	Malappuram	G.O.(Rt)No.777/20 20/WRD	SLCKuruvaGP	mvs - new	jalaniidhi	180	39.28	Kuruva	180	39.28	180
1031	Malappuram	G.O.(Rt)No.777/20 20/WRD	SLCKuruvaGP	svs - retro	kwa	20	1.52	Kuruva	20	1.52	20
1032	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSStoMoorkkanadandadjvillages	mvs - new	kwa	15440	4396	Kuruva	6454	1641	7150
1033	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCstoKuttippuram,Thirunnavaya,Athava nadandMarakkaraPachayaths	mvs - new	kwa	14300	22107.12	Kuttippuram	7877	12177. 47	0
1034	Malappuram	G.O.(Rt)No.777/20 20/WRD	BulkwatersupplytoKuttippuramfromKWAScheme	mvs - new	jalaniidhi	270	42.79	Kuttippuram	270	42.79	270
1035	Malappuram	G.O.(Rt)No.777/20 20/WRD	BulkwatersupplytoKuttippuram	svs - retro	kwa	30	2.28	Kuttippuram	30	2.28	30
1036	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoCheekodeandAdjoiningVillages	mvs - revised	kwa	0	9709.3	Kuzhimanna	0	916	0
1037	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSStoCheekodeandadjPts	mvs - new	kwa	5548	1500	Kuzhimanna	5548	1500	2507
1038	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoMoorkanad&adjoiningvillages	mvs - revised	kwa	0	20690	Makkarapara mba	0	2157.4 2	0
1039	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSSStoMoorkkanad&adjoiningVillages	mvs - new	kwa	10235	2087	Makkarapara mba	1915	376	1915
1040	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSStoMoorkkanadandadjvillages	mvs - new	kwa	15440	4396	Makkarapara mba	1409	310	1136
1041	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingWSSStoMambadPanchayath.	mvs - new	kwa	7146	8070	Mambad	7146	8070	0
1042	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSStoMampad	mvs - new	kwa	500	140	Mambad	500	140	275
1043	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoThriprangode,Mangalam,Purathur,Thalak kadandVettomPanchayaths	mvs - new	kwa	35690	34460	Mangalam	4560	4402.8 2	0
1044	Malappuram	G.O.(Rt)No.777/20 20/WRD	SWSSStoMangalam	mvs - new	jalaniidhi	72	11.43	Mangalam	72	11.43	42
1045	Malappuram	G.O.(Rt)No.777/20 20/WRD	SWSSStoMangalam	svs - retro	jalaniidhi	8	0.608	Mangalam	8	0.608	8
1046	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoMoorkanad&adjoiningvillages	mvs - revised	kwa	0	20690	Mankada	0	5755.5 1	0

1047	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM- CARWSS to Moorkkanad and adjoining Panchayath.	mvs - new	kwa	5097	1650	Mankada	5097	1650	2589
1048	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSS to Moorkkanad & adjoining Villages	mvs - new	kwa	10235	2087	Mankada	1000	310	1000
1049	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- Providing FHTC to Kuttippuram, Thirunnavaya, Athavanad and Marakkara Panchayaths	mvs - new	kwa	14300	22107.12	Marakkara	1665	2574.0 1	0
1050	Malappuram	G.O.(Rt)No.134/20 22/WRD	CARWSS to Thirunavaya and adjoining Pts	mvs - revised	kwa	0	959.65	Marakkara	0	448.7	0
1051	Malappuram	G.O.(Rt)No.541/20 20/WRD	CRWSS to Thirunavaya & Adj. Pts	mvs - new	kwa	4000	600	Marakkara	2000	300	1500
1052	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSS to Thirunavaya and adjoining Pts	mvs - new	kwa	16722	7776	Marakkara	5890	2750	788
1053	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Ponnani and adjoining Panchayats	mvs - new	kwa	23942	23706	Marancheri	8034	8145.2 7	0
1054	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSS to Ezhavathuruthy & adjoining Panchayats	mvs - new	kwa	275	44	Marancheri	95	16	99
1055	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSS to Moorkkanad & adjoining villages	mvs - revised	kwa	0	20690	Moorkkanad	0	4103.5 9	0
1056	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSS to Moorkkanad & adjoining Villages	mvs - new	kwa	10235	2087	Moorkkanad	2000	371	2000
1057	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSS to Moorkkanad and adjoining villages	mvs - new	kwa	15440	4396	Moorkkanad	4456	1048	1783
1058	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSS to Karulai, Muthedam, Amarambalam & Chokkad pts in	mvs - new	kwa	20825	36230	Moothadem	4503	8167.2	0
1059	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSS to Morayur, Pulpatta, Pookottur Panchayath in Malappuram District	mvs - revised	kwa	0	1000	Morayur	0	267.65	0
1060	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Morayur, Pulpatta, Pookottur Panchayath in Malappuram District	mvs - new	kwa	19038	18051	Morayur	5581	5291.6 8	0
1061	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSS to Mooniyur, Chelebra, Thanjipalam & Valliku nnu Grama Panchayath	mvs - revised	kwa	0	2000	Munniyur	0	451.61	0
1062	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Mooniyur, Chelebra, Thanjipalam and Vallikku nnu Grama Panchayaths in Malappuram District	mvs - new	kwa	34780	28578	Munniyur	8022	6591.5 2	0
1063	Malappuram	G.O.(Rt)No.777/20 20/WRD	ARWSS to M/T/C/P	mvs - new	kwa	100	12	Munniyur	50	6.2	58
1064	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSS to Cheekode and adjoining Villages	mvs - revised	kwa	0	9709.3	Muthuvallur	0	738	0
1065	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSS to Cheekode and adjoining Villages	mvs - new	kwa	42364	13800	Muthuvallur	3380	1800	3430
1066	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSS to Ponnani and adjoining villages	mvs - revised	kwa	0	23317	Nanamukku	0	3814	0
1067	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSS to Edappal & adjoining panchayats	mvs - new	kwa	360	69	Nanamukku	170	34	300

1068	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSToPonnaniandadjoiningvillages	mvs - new	kwa	14964	2750	Nanamukku	7304	1350	1998
1069	Malappuram	G.O.(Rt)No.777/20 20/WRD	Nannambrasmallwatersupplyschemes	svs - retro	jalanidhi	30	2.28	Nannambra	30	2.28	0
1070	Malappuram	G.O.(Rt)No.777/20 20/WRD	Nannambrasmallwatersupplyschemes	svs - new	jalanidhi	270	42.79	Nannambra	270	42.79	0
1071	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingWSSToTanurMuncipality.	mvs - new	kwa	31078	18682	Niramaruthoo r	6872	4958	0
1072	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToOthukkungal&Ponmala	mvs - new	kwa	14789	2230	Othukkungal	7683	1151	5707
1073	Malappuram	G.O.(Rt)No.134/20 22/WRD	MultiGPScheme- CWSSToOzhur,Thennala&PerumanaklariPanchayath -BWSSToOzhurGP	mvs - new	jalanidhi	5334	3128.74	Ozhur	5334	3128.7 4	0
1074	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - retro	jalanidhi	97	7.372	Ozhur	35	2.66	35
1075	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - new	jalanidhi	878	139.14	Ozhur	315	49.94	315
1076	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSToCheekodeandAdjoiningVillages	mvs - revised	kwa	0	9709.3	Pallikkal	0	3273	0
1077	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToCheekodeandAdjoiningVillages	mvs - new	kwa	42364	13800	Pallikkal	9599	3000	1372
1078	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThrikkalangode,PorurandPandikkadPanc hayaths	mvs - new	kwa	28341	30642	Pandikkad	11128	12031. 48	0
1079	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSToPandikkad	mvs - new	kwa	50	8.4	Pandikkad	50	8.4	67
1080	Malappuram	G.O.(Rt)No.134/20 22/WRD	MultiGPScheme- CWSSToUrakkam,Vengara&ParappurPanchayath- BWSSToParappurGP	mvs - new	jalanidhi	1300	501.6	Parappur	1300	501.6	0
1081	Malappuram	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCstoParappurGramaPanchayath	svs - new	jalanidhi	2625	1018.65	Parappur	2625	1018.6 5	1
1082	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSToParappur	svs - retro	jalanidhi	40	3.04	Parappur	40	3.04	40
1083	Malappuram	G.O.(Rt)No.777/20 20/WRD	SmallwatersupplyschemetoParappurGP	mvs - new	jalanidhi	360	57.04	Parappur	360	57.04	360
1084	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSToThennala,PerumannaKlari&Ozhur	mvs - new	jalanidhi	2643	1816	Perumanclari	2643	1816	0
1085	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - retro	jalanidhi	97	7.372	Perumanclari	35	2.66	35
1086	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - new	jalanidhi	878	139.14	Perumanclari	315	49.94	313
1087	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSToPonnaniandadjoiningPanchayats	mvs - new	kwa	23942	23706	Perumpadap pu	6815	6909.3 9	0
1088	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSSToEzhavathuruthy&adjoiningPanchayats	mvs - new	kwa	275	44	Perumpadap pu	90	15	90

1089	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingWSSToPeruvallurGramaPanchayath.	mvs - new	kwa	7252	5220	Peruvallor	7252	5220	0
1090	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSSToMTCP	mvs - new	kwa	110	14.6	Peruvallor	10	1.6	10
1091	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToOthukkungal&Ponmala	mvs - new	kwa	14789	2230	Ponmala	7106	1079	3217
1092	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingWSSToTanurMunicipality.	mvs - new	kwa	31078	18682	Ponmundam	6638	3479	0
1093	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSSToMorayur,Pulpatta,PookotturPanchayath sinMalappuramDistrict	mvs - revised	kwa	0	1000	Pookottur	0	297.95	0
1094	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Morayur, Pulpatta, Pookottur Panchayath in Malappuram District	mvs - new	kwa	19038	18051	Pookottur	6113	5796.1	0
1095	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThrikkalangode,PorurandPandikkadPanc hayaths	mvs - new	kwa	28341	30642	Porur	5977	6462.2 7	0
1096	Malappuram	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtoPothukalluPanchayats	mvs - new	kwa	390	225	Pothukal	390	225	0
1097	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSToEdakkara,Vazhikkadavu&PothukalluPancha yaths	mvs - new	kwa	19315	42947	Pothukal	2218	9442	0
1098	Malappuram	G.O.(Rt)No.777/20 20/WRD	WSSToPothukallu	mvs - new	kwa	100	47	Pothukal	100	47	100
1099	Malappuram	G.O.(Rt)No.777/20 20/WRD	Pothukallusmallwatersupplyschemes	svs - retro	jalanidhi	50	3.8	Pothukal	50	3.8	50
1100	Malappuram	G.O.(Rt)No.777/20 20/WRD	Pothukallusmallwatersupplyschemes	mvs - new	jalanidhi	450	71.3	Pothukal	450	71.3	161
1101	Malappuram	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission--RWSSToPulamanthole	mvs - revised	kwa	0	114	Pulamanthole	0	114	0
1102	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSToPulamanthole	mvs - new	kwa	1000	155	Pulamanthole	1000	155	1006
1103	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSToPulamanthole	mvs - new	kwa	4332	1530	Pulamanthole	4332	1530	0
1104	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSToCheekodeandAdjoiningVillages	mvs - revised	kwa	0	9709.3	Pulikkal	0	1316.3 7	0
1105	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToCheekodeandAdjoiningVillages	mvs - new	kwa	42364	13800	Pulikkal	6054	1800	5322
1106	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSSToMorayur,Pulpatta,PookotturPanchayath sinMalappuramDistrict	mvs - revised	kwa	0	1000	Pulpatta	0	434.4	0
1107	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSS to Morayur, Pulpatta, Pookottur Panchayath in Malappuram District	mvs - new	kwa	19038	18051	Pulpatta	7344	6963.2 2	0
1108	Malappuram	G.O.(Rt)No.777/20 20/WRD	SWSSToPulpatta	svs - new	jalanidhi	360	57.06	Pulpatta	360	57.06	0
1109	Malappuram	G.O.(Rt)No.777/20 20/WRD	SWSSToPulpatta	svs - retro	jalanidhi	40	3.04	Pulpatta	40	3.04	0
1110	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThriprangode,Mangalam,Purathur,Thalak kadandVettomPanchayaths	mvs - new	kwa	35690	34460	Purathur	7748	7480.9 3	0

1111	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSToMoorkanad&adjoiningvillages	mvs - revised	kwa	0	20690	Puzhakkattiri	0	1741.5 1	0
1112	Malappuram	G.O.(Rt)No.541/20 20/WRD	CARWSSToMoorkkanad&adjoiningVillages	mvs - new	kwa	10235	2087	Puzhakkattiri	1500	370	1500
1113	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSToMoorkkanadandadjvillages	mvs - new	kwa	15440	4396	Puzhakkattiri	1685	613	1742
1114	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingWSSToTanurMuncipality.	mvs - new	kwa	31078	18682	Tanalur	10839	6817	1081
1115	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSToPonnaniandadjoiningvillages	mvs - revised	kwa	0	23317	Tavanur	0	3753	0
1116	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSSToEdappal&adjoiningpanchayats,KIIFB- WSSToPonnaniandadjoininggramapanchayats	mvs - new	kwa	730	126	Tavanur	190	34	190
1117	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToPonnaniandadjPts	mvs - new	kwa	27971	5535	Tavanur	9803	1750	4474
1118	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThriprangode,Mangalam,Purathur,Thalak kadandVettomPanchayaths	mvs - new	kwa	35690	34460	Thalakkad	7167	6919.9 5	0
1119	Malappuram	G.O.(Rt)No.489/20 21/WRD	WSSToThazhekodeandAliparambaPanchayaths	mvs - new	kwa	12086	11800	Thazhekode	7362	7187.7 7	0
1120	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSToPonnaniandadjoiningPanchayats	mvs - new	kwa	23942	23706	Thazhekode	2000	1460	0
1121	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSToThazhekode	mvs - new	kwa	200	41	Thazhekode	200	41	221
1122	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSSToMooniyur,Chelebra,Thanjipalam&Valliku nnuGramaPanchayath	mvs - revised	kwa	0	2000	Thenhippala m	0	520.84	0
1123	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSToMooniyur,Chelebra,ThanjipalamandVallikku nnuGramaPanchayathsinMalappuramDistrict	mvs - new	kwa	34780	28578	Thenhippala m	8985	7382.7 9	0
1124	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSSToMTCP	mvs - new	kwa	110	14.6	Thenhippala m	100	13	103
1125	Malappuram	G.O.(Rt)No.134/20 22/WRD	MultiGP schemes- CWSSToOzhur,ThennalaandPerumannaklariGP- BWSSToThennalaGp	mvs - new	jalanidhi	3524	1488	Thennala	3524	1488	0
1126	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - retro	jalanidhi	97	7.372	Thennala	27	2.052	26
1127	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToThennala,PerumannaklariandOzhur	mvs - new	jalanidhi	878	139.14	Thennala	248	39.26	248
1128	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCstoKuttippuram,Thirunnavaya,Athava nadandMarakkaraPachayaths	mvs - new	kwa	14300	22107.12	Thirunavaya	1902	2940.4	0
1129	Malappuram	G.O.(Rt)No.541/20 20/WRD	CRWSSToThirunavayaandadjoiningpanchayats	mvs - new	kwa	2000	300	Thirunavaya	2000	300	2000
1130	Malappuram	G.O.(Rt)No.777/20 20/WRD	CARWSSToThirunavayaandadjoiningPts	mvs - new	kwa	16722	7776	Thirunavaya	6237	2926	2617

1131	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToThiruvallandadjoiningvillages	mvs - new	kwa	8412	1291.22	Thiruvalli	8412	1291.2 2	5134
1132	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSToWandoor,Thuvvur,Kalikavu,Karuvakundu &Edappatta	mvs - revised	kwa	0	2048	Thuvvur	0	0	0
1133	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSToWandoor,Thuvvur,Kalikavu,Karuvakundu andEdappattaPanchayaths	mvs - new	kwa	34761	32058	Thuvvur	6704	6182.7	0
1134	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSToThuvur	mvs - new	kwa	55	9	Thuvvur	55	9	63
1135	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThrikkalangode,PorurandPandikkadPanc hayaths	mvs - new	kwa	28341	30642	Trikkalangod e	11236	12148. 25	0
1136	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSToThriprangode,Mangalam,Purathur,Thalak kadandVettomPanchayaths	mvs - new	kwa	35690	34460	Triprangode	10824	10450. 9	0
1137	Malappuram	G.O.(Rt)No.134/20 22/WRD	ProvingFHTCstoUrakamPanchayath	mvs - new	kwa	4559	3648	Urakam	4559	3648	128
1138	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToOorakamVengaraParappur	mvs - retro	jalanidhi	15	1.14	Urakam	5	0.38	5
1139	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToOorakam,Vengara&ParappurGP	mvs - new	jalanidhi	135	21.46	Urakam	45	7.17	45
1140	Malappuram	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCtovariouscoloniesinUrangattiriPancha yats	mvs - new	jalanidhi	3886	3228	Urungattiri	3886	3228	0
1141	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCinUrangattiriPanchayat	svs - new	kwa	220	58	Urungattiri	220	58	207
1142	Malappuram	G.O.(Rt)No.777/20 20/WRD	Urangattirilargewatersupplyscheme	svs - retro	jalanidhi	50	3.8	Urungattiri	50	3.8	50
1143	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSToUrangattiri	mvs - new	kwa	500	88	Urungattiri	500	88	500
1144	Malappuram	G.O.(Rt)No.777/20 20/WRD	Urangattirilargewatersupplyscheme	mvs - new	jalanidhi	450	71.3	Urungattiri	450	71.3	450
1145	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCtoValavannurPanchayath	mvs - revised	kwa	0	2709.99	Valavannur	0	1347	0
1146	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToValavannurandKalpakancheriPts	mvs - new	kwa	15034	2096.99	Valavannur	7466	1043	3547
1147	Malappuram	G.O.(Rt)No.134/20 22/WRD	JJMCWSSToMooniyur,Chelebra,Thanjipalam&Valliku nnuGramaPanchayath	mvs - revised	kwa	0	2000	Vallikunnu	0	656.78	0
1148	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSToMooniyur,Chelebra,ThanjipalamandVallikku nnuGramaPanchayathsinMalappuramDistrict	mvs - new	kwa	34780	28578	Vallikunnu	10876	8936.5 9	0
1149	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSToPg&Vallikunnu	mvs - new	kwa	250	33.2	Vallikunnu	250	33.2	256
1150	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSToPonnaniandadjoiningvillages	mvs - revised	kwa	0	23317	Vattamkulam	0	3025	0
1151	Malappuram	G.O.(Rt)No.541/20 20/WRD	DAWSSToEdappal&adjoiningpanchayats,KIIFB- WSSToPonnaniandadjoininggramapanchayats	mvs - new	kwa	730	126	Vattamkulam	190	32	250
1152	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSToPonnaniandadjPts	mvs - new	kwa	27971	5535	Vattamkulam	6273	1480	3395

1153	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoCheekodeandAdjoiningVillages	mvs - revised	kwa	0	9709.3	Vazhakkad	0	516.43	0
1154	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSStoCheekodeandAdjoiningVillages	mvs - new	kwa	42364	13800	Vazhakkad	6746	1800	3445
1155	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoCheekodeandAdjoiningVillages	mvs - revised	kwa	0	9709.3	Vazhayur	0	410.5	0
1156	Malappuram	G.O.(Rt)No.541/20 20/WRD	WSSStoCheekodeandAdjoiningVillages	mvs - new	kwa	42364	13800	Vazhayur	5746	1800	4340
1157	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoEdakkara,Vazhikkadavu&PothukalluPancha yaths	mvs - new	kwa	19315	42947	Vazhikkadav u	5603	13504	0
1158	Malappuram	G.O.(Rt)No.134/20 22/WRD	WSSStoNarukkumpotty- ManalppadamareainVazhikkaadavuPanchayats	mvs - new	kwa	150	91	Vazhikkadav u	150	91	0
1159	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoVazhikkadavuPanchayat	svs - new	kwa	194	55	Vazhikkadav u	194	55	194
1160	Malappuram	G.O.(Rt)No.777/20 20/WRD	RWSSStoEdakkara	mvs - new	kwa	100	12	Vazhikkadav u	100	12	103
1161	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSStoPonnaniandadjoiningPanchayats	mvs - new	kwa	23942	23706	Veliyancode	7093	7191.3 4	0
1162	Malappuram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEzhavathuruthy&adjoiningPanchayats	mvs - new	kwa	275	44	Veliyancode	90	13	90
1163	Malappuram	G.O.(Rt)No.134/20 22/WRD	MultiGPScheme- CWSSStoUrakkam,Vengara&ParappurPanchayath- BWSSStoVengaraGP	mvs - new	jalaniidhi	6788	4711.3	Vengara	6788	4711.3	11
1164	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSStoOorakamVengaraParappur	mvs - retro	jalaniidhi	15	1.14	Vengara	10	0.76	10
1165	Malappuram	G.O.(Rt)No.777/20 20/WRD	CWSSStoOorakam,Vengara&ParappurGP	mvs - new	jalaniidhi	135	21.46	Vengara	90	14.29	90
1166	Malappuram	G.O.(Rt)No.489/20 21/WRD	JJMWSSStoThriprangode,Mangalam,Purathur,Thalak kadandVettomPanchayaths	mvs - new	kwa	35690	34460	Vettom	5391	5205.4	0
1167	Malappuram	G.O.(Rt)No.134/20 22/WRD	CWSSStoWandoor,Thuvvur,Kalikavu,Karuvarakundu &Edappatta	mvs - revised	kwa	0	2048	Wandoor	0	2048	0
1168	Malappuram	G.O.(Rt)No.134/20 22/WRD	RWSSStoWandoorPhasellandI	mvs - revised	kwa	0	1738	Wandoor	0	1738	0
1169	Malappuram	G.O.(Rt)No.489/20 21/WRD	CWSSStoWandoor,Thuvvur,Kalikavu,Karuvarakundu andEdappattaPanchayaths	mvs - new	kwa	34761	32058	Wandoor	7720	7119.6 9	162
1170	Malappuram	G.O.(Rt)No.541/20 20/WRD	RWSSStoWandoor	mvs - new	kwa	4000	614	Wandoor	4000	614	1000
1171	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-2020-21- ProvidingFHTCsinAgaliGramapanchayath,Palakkad District-Phase-II	mvs - revised	kwa	4000	7150.19	Agali	4000	7150.1 9	0
1172	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCsinAgaliGramapanchayath	mvs - new	kwa	3000	1350	Agali	3000	1350	0

1173	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission- CWSSToResolveTheScarcityOfdrinkingwaterinVarious GramaPanchayathsIn	mvs - new	kwa	1816	4100	Akathethara	1816	4100	2019
1174	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoAkathetharaPanchayath.	mvs - new	kwa	800	370	Akathethara	800	370	800
1175	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- CWSSToThachanattukara,Alanallur&KottoppadamPa nchayathsInPalakkadDistrict	mvs - new	kwa	26048	14199.99	Alanallur	11862	4733.3 3	0
1176	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- ComprehensiveDrinkingWaterSchemetoPallassana, Elevanchery,Alathur,Erimay	mvs - new	kwa	16668	12999	Alathur	6688	4333	998
1177	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSToAmbalappara,BWSSToNilampathy,RWSSToAk avanda,BWSSToKalladi	mvs - new	kwa	1200	263.2	Ambalapara	1200	263.2	4000
1178	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSToAmbalappara,RWSSToAkavanda,BWSSToNi lampathy	mvs - new	kwa	300	41	Ambalapara	300	41	300
1179	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSToAmbalapparaPanchayath	mvs - new	kwa	5182	3728	Ambalapara	5182	3728	625
1180	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission- ProvidingFHTCsinAnakkaraGramaPanchayath	mvs - new	kwa	240	396	Anakkara	240	396	0
1181	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoAnakkaraPanchayath.	mvs - new	kwa	2691	1679	Anakkara	2691	1679	155
1182	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSToAnakkara,Pattiithara&Kappurpanchayaths	mvs - new	kwa	9512	1556	Anakkara	2500	384	2000
1183	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSToPathamkulamBWSSToPavukonam,BWSSTo Tharuvakonam	mvs - new	kwa	400	92.17	Ananganadi	400	92.17	1000
1184	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVANMISSION2020-21- ProvidingFunctionalHouseHoldTapConnectionstoAn anganadi,Chalavaraa	mvs - new	kwa	15364	15918.73	Ananganadi	3723	3974.2	536
1185	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSToPathamkulam,BWSSToPavukonam,BWSSTo Tharuvakonam	mvs - new	kwa	100	17.5	Ananganadi	100	17.5	0
1186	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJMWSSToAyilurPanchayth	mvs - new	kwa	304	158	Ayiloor	304	158	304
1187	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSToNemmara,Ayilur,MelarcodesPts.	mvs - retro	kwa	2550	165.75	Ayiloor	900	58.5	1879
1188	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSToNemmara,Ayiloor&MelarcodesPanchayat	mvs - new	kwa	11038	938.92	Ayiloor	4164	337.2	2000
1189	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVANMISSION2020-21- ProvidingFunctionalHouseHoldTapConnectionstoAn anganadi,Chalavaraa	mvs - new	kwa	15364	15918.73	Chalavara	6229	5042.9 3	0
1190	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-PavarattyRegionalWaterSupplyScheme	mvs - revised	kwa	14724	10880	Chalisseri	4088	2399.9 2	0

1191	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavaratyRegionalWSS	mvs - retro	kwa	2150	182.4	Chalisseri	450	38.4	450
1192	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavartyRegionalWSS	mvs - new	kwa	2150	807.6	Chalisseri	450	161.6	450
1193	Palakkad	G.O.(Rt)No.777/20 20/WRD	PavarattyRegionalWatersupplyScheme	mvs - new	kwa	4000	1200	Chalisseri	600	180	296
1194	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMissionWSStoElappully	mvs - new	kwa	2140	3000	Elappully	2140	3000	0
1195	Palakkad	G.O.(Rt)No.541/20 20/WRD	CRWSSstoPathenchery&adj	mvs - new	kwa	2500	162.5	Elappully	2500	162.5	2500
1196	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- CWSSstoPerumatty,Pattanchery,ElapullyandNallepilly panchayathsinPalakkad	mvs - new	kwa	7613	1950	Elappully	7613	1950	2574
1197	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSstoElappully	svs - new	kwa	50	4	Elappully	50	4	50
1198	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSstoKollengode&adj.Pts.	mvs - retro	kwa	300	19.5	Elavenchery	300	19.5	300
1199	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSstoKollengodeandadjoiningpanchayaths	mvs - new	kwa	2598	207.8	Elavenchery	610	48.8	257
1200	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMissionElevencherry- PallassanaComprehensiveDrinkingWaterProjectInPa lakkadDistr	mvs - new	kwa	11118	14452	Elavenchery	2017	3900	320
1201	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMissionElevencherry- PallassanaComprehensiveDrinkingWaterProjectInPa lakkadDistr	mvs - new	kwa	11118	14452	Erimayur	3043	4752	282
1202	Palakkad	G.O.(Rt)No.541/20 20/WRD	JALJEEVANMISSION- ProvidingFHTCsforKozhinjampara,Vadakarapathyan dEruthenaphyGramaPanchayths	mvs - new	kwa	18313	7170	Eruthampath y	4400	1635	1500
1203	Palakkad	G.O.(Rt)No.541/20 20/WRD	CARWSSstoKozhinjampara&adj.villages	mvs - retro	kwa	4500	292	Eruthampath y	2000	130	2000
1204	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSSstoKozhinjamparaandadjoiningvillages	mvs - new	kwa	3760	300.8	Eruthampath y	1210	96.8	375
1205	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoKadampazhipuramGramaPanchay ath	mvs - new	kwa	3858	1446	Kadampazhip uram	3858	1446	800
1206	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSstoSreekrishnapuram&AdjoiningPanchayths	mvs - new	kwa	3207	554.01	Kadampazhip uram	1208	188.23	1208
1207	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSstoSreekrishnapuramadjoiningpanchayaths	mvs - new	kwa	1110	175	Kadampazhip uram	400	56	154
1208	Palakkad	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCsintheuncoveredareaofKanjirappuzha GP	mvs - revised	kwa	0	430.26	Kanjirappuzha	0	430.26	0
1209	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSstoKarakurissiandadjoinigPanchayaths	mvs - new	kwa	4200	737.63	Kanjirappuzha	1600	201	1600

1210	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCs inKanjirappuzhaPanchayath	mvs - new	kwa	4635	1640	Kanjirapuzha	4635	1640	110
1211	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCs forKuzhalmannam,ThenkurissiandKan nadyGP	mvs - revised	kwa	0	501	Kannadi	0	501	0
1212	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSS toKannadiKuzhalmannamandThenkurissi	mvs - retro	kwa	250	18.4	Kannadi	200	15	200
1213	Palakkad	G.O.(Rt)No.777/20 20/WRD	JaJeevanMission- ProvidingFHTCs forKuzhalmannam,ThenkurissiandK annadyGramapanchayath	mvs - new	kwa	14838	2806	Kannadi	5707	1090.3 5	141
1214	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- PProvidingFHTC toVandazhy,Kizhakkanchery,Vadakk ancheryandKannambraPanchayats	mvs - revised	kwa	0	1150.95	Kannambra	0	377.84	0
1215	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTC toVandazhy,Kizhakkanchery,Vadakk encherry,Kannambra.	mvs - new	kwa	8712	10316.05	Kannambra	2860	3386.5 8	
1216	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSS toKannampara	mvs - new	kwa	150	37	Kannambra	150	37	158
1217	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSS toKannambra	svs - retro	kwa	850	58.92	Kannambra	850	58.92	850
1218	Palakkad	G.O.(Rt)No.134/20 22/WRD	JaJeevanMission- ProvidingFHTCs inKappurGramapanchayath	mvs - new	kwa	180	454	Kappur	180	454	
1219	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTC toKappurPanchayath.	mvs - new	kwa	2532	1305	Kappur	2532	1305	1252
1220	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSS toAnakkara,Pattithara&Kappurpanchayaths	mvs - new	kwa	9512	1556	Kappur	4646	565	2500
1221	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-2020-21- ProvidingFHTCs intheuncoveredareasoofKarakurissip anchayath,Palakkaddistrict-	mvs - revised	kwa	0	281.45	Karakurissi	0	281.45	0
1222	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSS toKarakurissiandadjoinigPanchayaths	mvs - new	kwa	4200	737.63	Karakurissi	1800	422.5	1000
1223	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCs inKarakurissipanchayath	mvs - new	kwa	2623	1160	Karakurissi	2623	1160	455
1224	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSS toKarimba	mvs - new	kwa	400	72.94	Karimba	400	72.94	400
1225	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSS toKarimba	mvs - new	kwa	160	21	Karimba	160	21	160
1226	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21-CWSS toKarimba,Kongad&Mundur	mvs - new	kwa	17977	8260	Karimba	3701	3320	90

1227	Palakkad	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCsintheuncoveredareasofKarimpuzha Panchayath,PalakkadDistrictPhasell	mvs - revised	kwa	0	241.06	Karimpuzha	0	241.06	0
1228	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission- ProvidingFHTCsinKarimpuzhaGramaPanchayath	mvs - new	kwa	55	61	Karimpuzha	55	61	0
1229	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSStoKarimbuzhaPanchayath	mvs - new	kwa	1572	182.86	Karimpuzha	1572	182.86	1572
1230	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-ProvidingFHTCsinKarimpuzhapanchayath	mvs - new	kwa	2822	1409	Karimpuzha	2822	1409	381
1231	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSStoKarimpuzha	mvs - new	kwa	350	51	Karimpuzha	350	51	350
1232	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- ComprehensiveDrinkingWaterSchemetoPallassana, Elevanchery,Alathur,Erimay	mvs - new	kwa	16668	12999	Kavassery	7519	4333	291
1233	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKeralasseryPanchayathinPalakkadDistrict Phasell	mvs - revised	kwa	0	493.85	Keralassery	0	493.85	0
1234	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJMWSSStoKeralasseryPanchayath	mvs - new	kwa	4140	2148	Keralassery	4140	2148	0
1235	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- PRovidingFHTCtoVandazhy,Kizhakkenchery,Vadakk ancheryandKannambraPanchayats	mvs - revised	kwa	0	1150.95	Kizhakkench ery	0	296.32	0
1236	Palakkad	G.O.(Rt)No.134/20 22/WRD	"JALJEEVANMISSION- ProvidingFHTCsinhighlevelzonesof,vadakkenchery, GramaPanchayathsinPal	mvs - revised	kwa	0	470.4	Kizhakkench ery	0	470.4	0
1237	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoVandazhi,Kizhakkenchery,Vadakk enchery,Kannambra.	mvs - new	kwa	8712	10316.05	Kizhakkench ery	2243	2655.9 8	500
1238	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSStoKizhakkenchery	mvs - new	kwa	150	45.5	Kizhakkench ery	150	45.5	150
1239	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- ProvidingFHTCsforLowlevelZoneofKizhakkencheryG ramaPanchayath	mvs - new	kwa	4000	4480	Kizhakkench ery	4000	4480	450
1240	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSStoKizhakkenchery	svs - new	kwa	1190	155	Kizhakkench ery	1190	155	420
1241	Palakkad	G.O.(Rt)No.134/20 22/WRD	WSSStoKodumbuPanchayath	mvs - new	kwa	1120	227	Kodumba	1120	227	0
1242	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoKodumbu-PoipullyPanchayath	mvs - new	kwa	30	7.5	Kodumba	30	7.5	334
1243	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSSStoKodumbu-Polpully	mvs - new	kwa	9079	3496.91	Kodumba	6209	1402.5	1000
1244	Palakkad	G.O.(Rt)No.541/20 20/WRD	UWSSStoKoduvayur&PudunagaramUWSSStoKoduvay ur&Pudunagaram	mvs - retro	kwa	2000	190.3	Koduvayur	2000	190.3	1559

1245	Palakkad	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- ProvidingFHTCsinkollengodePanchayathinNemmar aconstituencyinPalakkadDistr	mvs - revised	kwa	0	39	Kollenkode	0	39	0
1246	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-CWSSStoKollengodeandadjoiningPanchayath.	mvs - new	kwa	4177	1650	Kollenkode	4177	1650	811
1247	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoKollengode&adj.Pts.	mvs - retro	kwa	1495	97.18	Kollenkode	600	39	600
1248	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSStoKollengodeandadjoiningpanchayaths	mvs - new	kwa	2598	207.8	Kollenkode	1988	159	1000
1249	Palakkad	G.O.(Rt)No.777/20 20/WRD	KongadSmallwatersupplyschemeswithopenwellasso urce	mvs - retro	alanidhi	15	1.14	Kongad	15	1.14	15
1250	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21-CWSSStoKarimba,Kongad&Mundur	mvs - new	kwa	17977	8260	Kongad	10363	3320	32
1251	Palakkad	G.O.(Rt)No.777/20 20/WRD	KongadSmallwatersupplyschemeswithopenwellasso urce	mvs - new	alanidhi	135	21.41	Kongad	135	21.41	0
1252	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSStoKoppam&VilayurPanchayaths	mvs - new	kwa	6898	1894	Koppam	6898	1894	6967
1253	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoKottayiGramaPanchayath	mvs - new	kwa	5928	5798	Kottai	5928	5798	0
1254	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- CWSSStoThachanattukara,Alanallur&KottoppadamPa nchayathsinPalakkadDistrict	mvs - new	kwa	26048	14199.99	Kottoppadam	9465	4733.3 3	0
1255	Palakkad	G.O.(Rt)No.541/20 20/WRD	JALJEEVANMISSION- ProvidingFHTCsforKozhinjampara,Vadakarapathyan dEruthenapthyGramaPanchayths	mvs - new	kwa	18313	7170	Kozhinjampar a	8600	2655	3000
1256	Palakkad	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKozhinjampara&adj.villages	mvs - retro	kwa	4500	292	Kozhinjampar a	2500	162	2500
1257	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSSStoKozhinjamparaandadjoiningvillages	mvs - new	kwa	3760	300.8	Kozhinjampar a	315	25.2	742
1258	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMissionProvidingFHTCsinkulkallurGrama Panchayath	mvs - new	kwa	356	576	Kulukkallur	356	576	0
1259	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoKulukkallurGramaPanchayath.	mvs - new	kwa	2370	913	Kulukkallur	2370	913	1181
1260	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoNellaya&Kulukkallurpanchayaths	mvs - new	kwa	6867	1049	Kulukkallur	2700	426	2700
1261	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoKumaramputhurPanchayathinMannarkkaduT aluk	mvs - new	kwa	7668	6220	Kumaramput hur	7668	6220	0
1262	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKuthannurPanchayath	mvs - new	kwa	1716	642.69	Kuthanoor	1716	642.69	0

1263	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSStoPeringottukurissisandKuthanur	mvs - new	kwa	700	117	Kuthanoor	200	27	2000
1264	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSStoPeringottukurissisandKuthannur	mvs - new	kwa	6640	750	Kuthanoor	3446	350	548
1265	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- ProvidingFHTCsforKuzhalmannam,Thenkaurissisand KannadyGP	mvs - revised	kwa	0	412.1	Kuzhalmanna m	0	412.1	0
1266	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSToKannadiKuzhalmannamandThenkurissi	mvs - retro	kwa	250	18.4	Kuzhalmanna m	50	3.4	50
1267	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSToKannadi,KuzhalmannamandThenkurissi	mvs - retro	kwa	850	59.34	Kuzhalmanna m	850	59.34	850
1268	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- ProvidingFHTCsforKuzhalmannam,ThenkurissisandK annadyGramapanchayath	mvs - new	kwa	14838	2806	Kuzhalmanna m	4048	715.9	89
1269	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToLakkidiPerurPanchayathsinOttappalamThaluk	mvs - new	kwa	2698	2899.84	Lakkidiperur	2698	2899.84	0
1270	Palakkad	G.O.(Rt)No.777/20 20/WRD	BWSSToNellikurissi	mvs - new	kwa	100	16.5	Lakkidiperur	100	16.5	105
1271	Palakkad	G.O.(Rt)No.777/20 20/WRD	PWSSToPalakkad	mvs - new	kwa	1143	346.75	Malampuzha	1143	346.75	1143
1272	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- CWSSStoresolve thescarcityofdrinkingwaterinvariousg ramapanchayathsin	mvs - new	kwa	12835	8720	Malampuzha	1704	2990	226
1273	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoMankaraGramapanchayath	mvs - new	kwa	3700	2440	Mankara	3700	2440	7
1274	Palakkad	G.O.(Rt)No.777/20 20/WRD	LWSSMankara	mvs - new	alanidhi	180	28.54	Mankara	180	28.54	180
1275	Palakkad	G.O.(Rt)No.777/20 20/WRD	LWSSMankara	mvs - retro	alanidhi	20	1.52	Mankara	20	1.52	20
1276	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJMWSSToMannurPanchayathinPalakkadDistrictPha sell	mvs - revised	kwa	0	437.43	Mannur	0	437.43	0
1277	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJMWSSToMannurPanchayath	mvs - new	kwa	6719	2212	Mannur	6719	2212	160
1278	Palakkad	G.O.(Rt)No.541/20 20/WRD	PWSSSTOPALAKKAD	mvs - new	kwa	505	68	Marutharoad	30	3	30
1279	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSToPalakkad	mvs - retro	kwa	2000	140	Marutharoad	1000	70	1000
1280	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- CWSSStoresolve thescarcityofdrinkingwaterinvariousg ramapanchayathsin	mvs - new	kwa	12835	8720	Marutharoad	2922	1830	3599
1281	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJMWSSToPirayirandMathurPanchayath	mvs - new	kwa	13613	8067	Mathur	5644	3887	0
1282	Palakkad	G.O.(Rt)No.134/20 22/WRD	JjmWSSToMelarkodePanchayath	mvs - new	kwa	169	227	Melarkode	169	227	0
1283	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSToNemmara,Ayilur,MelarkodePts.	mvs - retro	kwa	2550	165.75	Melarkode	1250	81.25	1250

1284	Palakkad	G.O.(Rt)No.777/20 20/WRD	CW SS to Nemmara, Ayiloor & Melarcode Panchayat	mvs - new	kwa	11038	938.92	Melarcode	3731	300.86	3120
1285	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission WSS to Mundur Panchayath Zone	mvs - new	kwa	800	970	Mundur	800	970	0
1286	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- CW SS to Karimba, Kongad & Mundur	mvs - new	kwa	17977	8260	Mundur	3913	1620	0
1287	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- CW SS to resolve the scarcity of drinking water in various gram panchayaths in	mvs - new	kwa	12835	8720	Mundur	3914	630	0
1288	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM2021- 22 providing water supply scheme to various colonies at P arambikulam ward no.11 of Muthalam	svs - new	kwa	598	630	Muthalamada	598	630	0
1289	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-WSS to Muthalamada Panchayath	mvs - new	kwa	2925	3720	Muthalamada	2925	3720	0
1290	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM2021- 22 Providing WSS to various colonies at PARAMBIKULA Min ward no. X of Muthalamada gramap	mvs - revised	kwa	0	294.5	Muthalamada	0	294.5	0
1291	Palakkad	G.O.(Rt)No.541/20 20/WRD	CW SS to Kollengode & adj. Pts.	mvs - retro	kwa	1495	97.18	Muthalamada	895	58.18	500
1292	Palakkad	G.O.(Rt)No.777/20 20/WRD	CW SS to Kollengode and adjoining panchayaths	mvs - retro	kwa	1047	83.76	Muthalamada	1047	83.76	1047
1293	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM2020-21 WSS to Muthalamada	mvs - new	kwa	1684	2808	Muthalamada	1684	2808	430
1294	Palakkad	G.O.(Rt)No.541/20 20/WRD	RW SS to Muthuthala	mvs - new	kwa	200	116	Muthuthala	200	116	200
1295	Palakkad	G.O.(Rt)No.777/20 20/WRD	RW SS to Muthuthala	svs - retro	kwa	250	25	Muthuthala	250	25	163
1296	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVAN MISSION- WSS to Muthuthala, Parathur and Thiruvengappuram Panchayaths - Providing Distributi	mvs - new	kwa	13642	11519	Muthuthala	4543	3847	0
1297	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-Pavaratty Regional Water Supply Scheme	mvs - revised	kwa	14724	10880	Nagalassery	4862	3370.1 2	0
1298	Palakkad	G.O.(Rt)No.541/20 20/WRD	Pavaratty Regional WSS	mvs - retro	kwa	2150	182.4	Nagalassery	400	35	400
1299	Palakkad	G.O.(Rt)No.541/20 20/WRD	Pavaratty Regional WSS	mvs - new	kwa	2150	807.6	Nagalassery	400	145	400
1300	Palakkad	G.O.(Rt)No.777/20 20/WRD	Pavaratty Regional Water supply Scheme	mvs - new	kwa	4000	1200	Nagalassery	700	210	704
1301	Palakkad	G.O.(Rt)No.541/20 20/WRD	UIDSSMT at Chittur - Thathamangalam Municipality	mvs - new	kwa	3690	258	Nalleppilly	3690	258	1200
1302	Palakkad	G.O.(Rt)No.777/20 20/WRD	UIDSSMT at Chittur - Thathamangalam Municipality	mvs - new	kwa	580	46.4	Nalleppilly	580	46.4	278

1303	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMissionProvidingFHTCsinNellayaGramapanchayath	mvs - new	kwa	230	760	Nellaya	230	760	0
1304	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoNellayaGramapanchayath.	mvs - new	kwa	3042	965	Nellaya	3042	965	96
1305	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSStoNellaya&Kulukkallurpanchayaths	mvs - new	kwa	6867	1049	Nellaya	4167	623	4167
1306	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM2021- 22Layingdistribution&providingFHTCstoNelliampath yPanchayath	svs - new	kwa	1567	1860	Nelliampathy	1567	1860	0
1307	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSStoNemmara,Ayilur,MelarcodesPts.	mvs - retro	kwa	2550	165.75	Nemmara	400	26	3000
1308	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSStoNemmara,Ayiloor&MelarcodesPanchayat	mvs - new	kwa	11038	938.92	Nemmara	3143	300.86	557
1309	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- LayingDistributionsystemandprovidingFunctionalHouseholdTapConnectionsInOngallurPan	mvs - revised	kwa	0	1596.63	Ongallur	0	1596.63	0
1310	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSStoOngallur,BWSStoPerumbilavilpady,Maruthur,Kondurkkara,Manjalungal	mvs - new	kwa	150	38	Ongallur	150	38	300
1311	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM- ProvidingFunctionalHouseholdTapConnectionsInOngallurPanchayath	mvs - new	kwa	8298	3339	Ongallur	8298	3339	300
1312	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSStoOngallur	svs - retro	kwa	500	50	Ongallur	500	50	198
1313	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMissionElevencherry-PallassanaComprehensiveDrinkingWaterProjectInPalakkadDistr	mvs - new	kwa	11118	14452	Pallassana	6058	5800	466
1314	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVANMISSION- WSStoMuthuthala,ParathurandThiruvegappuraPanchayaths-ProvidingDistributi	mvs - new	kwa	13642	11519	Parudur	4992	3752	500
1315	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSStoParudur	svs - retro	kwa	500	50	Parudur	500	50	171
1316	Palakkad	G.O.(Rt)No.541/20 20/WRD	CARWSStoPattancherry&adj.Pts	svs - retro	kwa	1000	107	Pattanchery	1000	107	1000
1317	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSStoPattancherryandadjoiningpanchayaths	mvs - new	kwa	276	30.5	Pattanchery	276	30.5	276
1318	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSStoPattancherryandadjoiningpanchayaths	mvs - new	kwa	89	6	Pattanchery	89	6	596
1319	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMissionProvidingFHTCsinPattitharaGramapanchayath	mvs - new	kwa	250	670	Pattithara	250	670	0
1320	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCinPattitharaPanchayath.	mvs - new	kwa	4565	2272	Pattithara	4565	2272	1267

1321	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoAnakkara,Pattithara&Kappurpanchayaths	mvs - new	kwa	9512	1556	Pattithara	2366	607	2366
1322	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoPeringottukurissiPanchayath	mvs - new	kwa	3415	517.31	Peringottukuri ssi	3415	517.31	0
1323	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoPeringottukurissiiandKuthanur	mvs - new	kwa	700	117	Peringottukuri ssi	500	90	199
1324	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSStoPeringottukurissiiandKuthannur	mvs - new	kwa	6640	750	Peringottukuri ssi	3194	400	2500
1325	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSStoPerumattyGramaPt.	svs - retro	kwa	2300	194.9	Perumatty	2300	194.9	2300
1326	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSStoPerumattyGramaPanchayath	mvs - new	kwa	180	20	Perumatty	180	20	149
1327	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSStoPerumattyGramaPanchayath	mvs - new	kwa	305	28.5	Perumatty	305	28.5	250
1328	Palakkad	G.O.(Rt)No.541/20 20/WRD	UWSSStoKoduvayur&PudunagaramPts	mvs - retro	kwa	3700	388.3	Peruvemba	1200	127.8	1805
1329	Palakkad	G.O.(Rt)No.541/20 20/WRD	PWSSSTOPALAKKAD	mvs - new	kwa	505	68	Pirayiri	30	3	500
1330	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSStoPalakkad	mvs - retro	kwa	2000	140	Pirayiri	1000	70	1000
1331	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJMWSSStoPirayiriandMathurPanchayath	mvs - new	kwa	13613	8067	Pirayiri	7969	4180	805
1332	Palakkad	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKodumbu-Polpully	mvs - retro	kwa	200	22.8	Polpully	200	22.8	2000
1333	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSSStoKodumbu-Polpully	mvs - new	kwa	9079	3496.91	Polpully	2870	2094.4 1	412
1334	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoPookkottukavuGramaPanchayath.	mvs - new	kwa	1946	1104	Pookkottukav u	1946	1104	1500
1335	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSStoSreekrishnapuram&AdjoiningPanchayths	mvs - new	kwa	3207	554.01	Pookkottukav u	692	123.84	500
1336	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSStoSreekrishnapuramadjoiningpanchayaths	mvs - new	kwa	1110	175	Pookkottukav u	210	37	170
1337	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSStoPuducode	mvs - new	kwa	100	38	Puducode	100	38	100
1338	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSStoPuducode	svs - retro	kwa	270	21	Puducode	270	21	270
1339	Palakkad	G.O.(Rt)No.777/20 20/WRD	JaJeevanMission- ComprehensiveDrinkingWaterSchemetoPallassana, Elevanchery,Alathur,Erimay	mvs - new	kwa	16668	12999	Puducode	2461	4333	47
1340	Palakkad	G.O.(Rt)No.541/20 20/WRD	PWSSSTOPALAKKAD	mvs - new	kwa	505	68	Puduppariyar am	445	62	500
1341	Palakkad	G.O.(Rt)No.777/20 20/WRD	PWSSStoPalakkad	mvs - retro	kwa	1000	70	Puduppariyar am	1000	70	1500
1342	Palakkad	G.O.(Rt)No.777/20 20/WRD	JaJeevanMission- CWSSStothesolve scarcityofdrinkingwaterinvariousg ramapanchayaths in	mvs - new	kwa	12835	8720	Puduppariyar am	4295	3270	412

1343	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSToParadur&BWSSToKarambathur	mvs - new	kwa	200	123	Pudur	200	123	0
1344	Palakkad	G.O.(Rt)No.134/20 22/WRD	WSSToPuduserryPAnchayat	mvs - new	kwa	1500	317	Puduserry	1500	317	0
1345	Palakkad	G.O.(Rt)No.134/20 22/WRD	ARWSSToPuduserry- constructionandCWSSToWalayarareaoofPuduserryPa nchayathsinPalakkadTal	mvs - revised	kwa	0	546.93	Puduserry	0	546.93	0
1346	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSToPuduserry&TM-WSSToPuduserry	mvs - new	kwa	300	30	Puduserry	300	30	2544
1347	Palakkad	G.O.(Rt)No.777/20 20/WRD	AugmentationofRWSSToPuduserry	mvs - new	kwa	2500	4110	Puduserry	2500	4110	2500
1348	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSToPuduserry	svs - retro	kwa	1500	105	Puduserry	1500	105	1500
1349	Palakkad	G.O.(Rt)No.541/20 20/WRD	UWSSToKoduvayur&PudunagaramPts	mvs - retro	kwa	3700	388.3	Puthunagaram	2500	260.5	2500
1350	Palakkad	G.O.(Rt)No.777/20 20/WRD	UWSSToKoduvayurandPudunagaram	mvs - new	kwa	30	3	Puthunagaram	30	3	30
1351	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoSreekrishnapuramGramapanchaya th.	mvs - new	kwa	2191	1151	Sreekrishnapuram	2191	1151	686
1352	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSToSreekrishnapuram&AdjoiningPanchayths	mvs - new	kwa	3207	554.01	Sreekrishnapuram	609	118.57	609
1353	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSToSreekrishnapuramadjoiningpanchayaths	mvs - new	kwa	1110	175	Sreekrishnapuram	300	47	300
1354	Palakkad	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCsintheuncoveredareaofKarimpuzhaG P	mvs - revised	kwa	0	209.52	Tachampara	0	209.52	0
1355	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSToKarakurissiandadjoinigPanchayaths	mvs - new	kwa	4200	737.63	Tachampara	800	114.13	800
1356	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- ProvidingFHTCsinThachamparaPanchayat	mvs - new	kwa	2735	1670	Tachampara	2735	1670	208
1357	Palakkad	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- ProvidingFHTCsinTharurGramapanchayathbyprovidi ngdistributionsystem	mvs - revised	kwa	0	730	Tarur	0	730	0
1358	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoTharurGramapanchayath.	mvs - new	kwa	3155	3392	Tarur	3155	3392	104
1359	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSToTarur	mvs - new	kwa	150	83	Tarur	150	83	500
1360	Palakkad	G.O.(Rt)No.777/20 20/WRD	RWSSToTarur	svs - retro	kwa	850	58.89	Tarur	850	58.89	500
1361	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSToThachanattukara	mvs - new	kwa	300	51.6	Thachanattukara	300	51.6	341

1362	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21- CWSSToThachanattukara,Alanallur&KottoppadamPa nchayathsinPalakkadDistrict	mvs - new	kwa	26048	14199.99	Thachanattuk ara	4721	4733.3 3	0
1363	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCsforVadavannurGP	mvs - revised	kwa	0	1855.98	Thenkara	0	1855.9 8	0
1364	Palakkad	G.O.(Rt)No.541/20 20/WRD	UWSSToMannarkkadandThenkara	mvs - new	kwa	300	64.66	Thenkara	300	64.66	300
1365	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-2020-21-CWSSToThenkaraGramaPanchayath	mvs - new	kwa	6238	3300	Thenkara	6238	3300	155
1366	Palakkad	G.O.(Rt)No.134/20 22/WRD	JalJeevanMissionProvingfhtctoThenkurissiPanchaya th	mvs - new	kwa	1259	3190	Thenkurissy	1259	3190	0
1367	Palakkad	G.O.(Rt)No.541/20 20/WRD	CWSSToKannadiKuzhalmannamandThenkurissi	mvs - new	kwa	150	34	Thenkurissy	150	34	150
1368	Palakkad	G.O.(Rt)No.777/20 20/WRD	CWSSToKannadi,KuzhalmannamandThenkurissi	mvs - retro	kwa	500	50	Thenkurissy	500	50	430
1369	Palakkad	G.O.(Rt)No.777/20 20/WRD	JalJeevanMission- ProvidingFHTCsforKuzhalmannam,ThenkurissiandK annadyGramapanchayath	mvs - new	kwa	14838	2806	Thenkurissy	5083	999.75	439
1370	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-PavarattyRegionalWaterSupplyScheme	mvs - revised	kwa	14724	10880	Thirumittacod e	2257	3545.9 8	0
1371	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavaratyRegionalWSS	mvs - retro	kwa	2150	182.4	Thirumittacod e	700	57	700
1372	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavartyRegionalWSS	mvs - new	kwa	2150	807.6	Thirumittacod e	700	253	700
1373	Palakkad	G.O.(Rt)No.777/20 20/WRD	PavarattyRegionalWatersupplyScheme	mvs - new	kwa	4000	1200	Thirumittacod e	1500	450	611
1374	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVANMISSION- WSStoMuthuthala,ParathurandThiruvegappuraPanc hayaths-ProvidingDistributi	mvs - new	kwa	13642	11519	Thiruvegapur am	4107	3920	
1375	Palakkad	G.O.(Rt)No.777/20 20/WRD	JALJEEVANMISSION2020-21- ProvidingFunctionalHouseHoldTapConnectionstoAn anganadi,Chalavaraa	mvs - new	kwa	15364	15918.73	Thrikkadeeri	5412	6901.6	0
1376	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-PavarattyRegionalWaterSupplyScheme	mvs - revised	kwa	14724	10880	Thrithala	3517	1563.9 8	0
1377	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavaratyRegionalWSS	mvs - retro	kwa	2150	182.4	Thrithala	600	52	500
1378	Palakkad	G.O.(Rt)No.541/20 20/WRD	PavartyRegionalWSS	mvs - new	kwa	2150	807.6	Thrithala	600	248	500
1379	Palakkad	G.O.(Rt)No.777/20 20/WRD	PavarattyRegionalWatersupplyScheme	mvs - new	kwa	4000	1200	Thrithala	1200	360	112
1380	Palakkad	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKozhinjamppara&adj.villages	mvs - retro	kwa	1200	78	Vadakarapat hy	1200	78	1200

1381	Palakkad	G.O.(Rt)No.541/20 20/WRD	JALJEEVANMISSION- ProvidingFHTCsforKozhinjampara,Vadakarapathyan dEruthenapthyGramaPanchayths	mvs - new	kwa	18313	7170	Vadakarapat hy	5313	2880	1500
1382	Palakkad	G.O.(Rt)No.777/20 20/WRD	CARWSSStoKozhinjamparaandadjoiningvillages	mvs - new	kwa	3760	300.8	Vadakarapat hy	2235	178.8	1962
1383	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoVadakkancheryGramaPanchayath	mvs - new	kwa	6480	2367.8	Vadakkanche ry	6480	2367.8	0
1384	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- PRovidingFHTCtoVandazhi,Kizhakkanchery,Vadakk ancheryandKannambraPanchayats	mvs - revised	kwa	0	1150.95	Vadakkanche ry	0	368.85	0
1385	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoVandazhi,Kizhakkencherry,Vadakk encherry,Kannambra.	mvs - new	kwa	8712	10316.05	Vadakkanche ry	2792	3306.0 6	0
1386	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCsforVadavannurGP	mvs - revised	kwa	0	173.25	Vadavannur	0	173.25	0
1387	Palakkad	G.O.(Rt)No.777/20 20/WRD	JaJeevanMission- ProvidingFHTCsforVadavannurGramapanchayath	mvs - new	kwa	3096	1650	Vadavannur	3096	1650	580
1388	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM- ProvidingFunctionalHouseholdTapConnectionsInVal apuzhaPanchayath	mvs - new	kwa	5746	2775	Vallapuzha	5746	2775	2278
1389	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM- PRovidingFHTCtoVandazhi,Kizhakkanchery,Vadakk ancheryandKannambraPanchayats	mvs - revised	kwa	0	1150.95	Vandazhy	0	107.93	0
1390	Palakkad	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCsforlowlevelzoneofVandazhyGP	mvs - revised	kwa	0	92.4	Vandazhy	0	92.4	0
1391	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCtoVandazhi,Kizhakkencherry,Vadakk encherry,Kannambra.	mvs - new	kwa	8712	10316.05	Vandazhy	817	967.43	0
1392	Palakkad	G.O.(Rt)No.777/20 20/WRD	JaJeevanMission- ProvidingFHTCsforLowlevelZoneofVandazhyGrama PanchayathinPalakkaddis	mvs - new	kwa	6055	880	Vandazhy	6055	880	0
1393	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSStoVelliyad,BWSSStoCherukattupulam	mvs - new	kwa	90	19	Vaniamkulam	90	19	2500
1394	Palakkad	G.O.(Rt)No.777/20 20/WRD	JJM-WSSStoVaniamkulamPanchayath	mvs - new	kwa	7451	3088	Vaniamkulam	7451	3088	479

1395	Palakkad	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoVellinezhiGramaPanchayath	mvs - new	kwa	1678	839	Vellinezhi	1678	839	500
1396	Palakkad	G.O.(Rt)No.541/20 20/WRD	WSSStoSreekrishnapuram&AdjoiningPanchayths	mvs - new	kwa	3207	554.01	Vellinezhi	698	123.37	698
1397	Palakkad	G.O.(Rt)No.777/20 20/WRD	WSSStoSreekrishnapuramadjoiningpanchayaths	mvs - new	kwa	1110	175	Vellinezhi	200	35	614
1398	Palakkad	G.O.(Rt)No.541/20 20/WRD	RWSSStoVilayur	mvs - new	kwa	3866	1731	Vilayur	3866	1731	3804
1399	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoAnicadGramaPanchayath	mvs - new	kwa	103	56.99	Anicadu	103	56.99	0
1400	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoMallappally,AnticadandKottagalPanchayaths	mvs - new	kwa	6295	6717	Anicadu	2893	3118	290
1401	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoAnicadu	mvs - new	kwa	300	82.95	Anicadu	300	82.95	800
1402	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoAranmula	mvs - new	kwa	750	179.37	Aranmula	750	179.37	860
1403	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoKonni-Aruvappulampts	mvs - new	kwa	350	125	Aruvapulam	350	125	512
1404	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSStoAyroorKanjeettukara	mvs - revised	kwa	0	169.45	Ayiroor	0	169.45	0
1405	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSStoAyroor-Kanjeettukara	mvs - new	kwa	3178	903	Ayiroor	3178	903	1000
1406	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoAyroor-Kanjettukara	mvs - new	kwa	1350	326.4	Ayiroor	1350	326.4	2000
1407	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSStoAyroor-Kanjeettukara	mvs - new	kwa	450	192.5	Ayiroor	450	192.5	250
1408	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoChenneerkara&Omallur	mvs - new	kwa	9182	11384.81	Chenneerkar a	4510	5591.8 8	0
1409	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoChenneerkkara-Mezhuvely-	mvs - new	kwa	550	116.32	Chenneerkar a	350	68.1	750
1410	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSStoChenneerkkara&Mezhuvelipts	mvs - new	kwa	750	214	Chenneerkar a	750	214	410
1411	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoCherukole,Naranganam&Ranni(part)Panchay ats	mvs - revised	kwa	0	896.59	Cherukole	0	896.59	0
1412	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoCherukole,Naranganam,andRanniPanchayat hs	mvs - new	kwa	8915	7840	Cherukole	3456	3039.2 6	0
1413	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoCherukole&Naranganam	mvs - new	kwa	575	93.08	Cherukole	275	44.95	279

1414	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoCherukole&NaranganamPts	mvs - new	kwa	300	133.53	Cherukole	300	133.53	300
1415	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoChittar	mvs - revised	kwa	0	1673.68	Chittar	0	1673.68	0
1416	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoChittarPanchayath	mvs - new	kwa	4159	4565.12	Chittar	4159	4565.12	0
1417	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoChittar,RWSSStoMeenkuzhy,RWSSStoKodum udy	mvs - new	kwa	200	28.91	Chittar	200	28.91	500
1418	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSStoChittarPt	mvs - new	kwa	425	188.52	Chittar	425	188.52	226
1419	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	WSSStoElanthoor-Mallappuzhassery	mvs - new	kwa	7465	3830	Elanthoor	4764	2453	150
1420	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoElanthurMallappuzhassery	mvs - new	kwa	1050	182.24	Elanthoor	400	75.54	500
1421	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoElanthoor&Mallappuzhasserypts	mvs - new	kwa	300	106	Elanthoor	300	106	200
1422	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	UWSSStoAdoorMunicipalityAndadjoiningPanchayaths	mvs - new	kwa	550	77.97	Enadimangal am	250	34.93	528
1423	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoEnadimangalam,Ezhamkulam,ErathuandKala njoor	mvs - new	kwa	7853	8471	Erathu	7853	8471	500
1424	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	UWSSStoAdoor&AdjoiningPanchayaths	mvs - new	kwa	850	167.27	Erathu	650	125.63	258
1425	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSStoEraviperoor	mvs - new	kwa	6692	4951	Eraviperoor	6692	4951	305
1426	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoEraviperoor	mvs - new	kwa	400	189	Eraviperoor	400	189	800
1427	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	UWSSStoAdoorMunicipalityAndadjoiningPanchayaths	mvs - new	kwa	550	77.97	Ezhamkulam	300	43.04	354
1428	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSStoEzhumattoor	mvs - revised	kwa	0	132.53	Ezhumattoor	0	132.53	0
1429	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSStoEzhumattoor	mvs - new	kwa	5394	4220	Ezhumattoor	5394	4220	500
1430	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoEzhumattoor	mvs - new	kwa	500	331.87	Ezhumattoor	500	331.87	1441
1431	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSStoEzhumatoor	mvs - new	kwa	350	174	Ezhumattoor	350	174	350
1432	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	Aug.ofWSSStoKadambanad	mvs - new	kwa	4530	4664.3	Kadampnanad u	4530	4664.3	133
1433	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSStoKadampnanadupt	mvs - new	kwa	850	163.23	Kadampnanad u	850	163.23	900

1434	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- CRWSSStoNedumbram,Niranam,KadapraandPeringaraPanchayaths	mvs - new	kwa	7308	4565	Kadapra	4910	2246	733
1435	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	CRWSSStoNedumpuram,Peringara,Niranam,Kadapra Panchayats	mvs - new	kwa	2359	355.25	Kadapra	1440	214.9	2500
1436	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSStoKallooppara	mvs - new	kwa	3201	2426	Kallooppara	3201	2426	395
1437	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKallooppara	mvs - new	kwa	600	162	Kallooppara	600	162	800
1438	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoKallooppara	mvs - new	kwa	100	37.6	Kallooppara	100	37.6	100
1439	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKaviyoorGramaPanchayath	mvs - new	kwa	2489	707.6	Kaviyoor	2489	707.6	0
1440	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKaviyoorKunnamthanam	mvs - new	kwa	2740	376.9	Kaviyoor	1270	172.8	1392
1441	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSStoVallicodu&Kodumon	mvs - new	kwa	8800	4410	Kodumon	5489	2750	0
1442	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoVallicodu&KodumonPts	mvs - new	kwa	1000	140.81	Kodumon	1000	140.81	1068
1443	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKoipurampanchayat	mvs - new	kwa	7997	6870	Koipuram	7997	6870	373
1444	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKoipuram	mvs - new	kwa	600	225	Koipuram	600	225	800
1445	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoRanniAngadiandKottanad	mvs - new	kwa	7022	7537	Kottanadu	4706	5051	0
1446	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoAruvickalPhaseII,RWSSStoperumpetty	mvs - new	kwa	150	47.95	Kottanadu	150	47.95	230
1447	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoMallappally,Anicad&KottangalGramaPanchayath	mvs - new	kwa	4106	5809.3	Kottangal	4106	5809.3	322
1448	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	WSSStoKottangalPHASEII,RWSSStoPerumpara	mvs - new	kwa	350	134.22	Kottangal	350	134.22	500
1449	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoKozhencherry	mvs - revised	kwa	0	937.06	Kozhencherry	0	937.06	0
1450	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoKozhencherry	mvs - new	kwa	2502	1297	Kozhencherry	2502	1297	197
1451	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKozhencherry	mvs - new	kwa	200	44.18	Kozhencherry	200	44.18	500
1452	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSStoKulanad&Mezhuveli	mvs - new	kwa	11399	12886.07	Kulanada	6892	7790.9 4	0

1453	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKulanada	svs - new	kwa	680	125.54	Kulanada	680	125.54	745
1454	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKunnamthanamGramaPanchayath	mvs - new	kwa	2617	752	Kunnathana m	2617	752	124
1455	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKaviyoorKunnamthanam	mvs - new	kwa	2740	376.9	Kunnathana m	1470	204.1	1500
1456	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-UWSS to Thiruvalla, Changanassery Municipalities and adj. Panchayaths	mvs - new	kwa	4329	2226	Kuttoor	4329	2226	0
1457	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoKuttoor&NC/PCRWSSStoKuttoor	mvs - new	kwa	810	130	Kuttoor	810	130	1016
1458	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoMalayalappuzha	svs - new	kwa	250	39.06	Malayalappuzh a	250	39.06	302
1459	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoMallappally,AnticadandKottagalPanchayaths	mvs - new	kwa	6295	6717	Mallappally	3402	3599	286
1460	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoMallappallyPhaselI,RWSSStoMullankuzhyP	mvs - new	kwa	200	131.71	Mallappally	200	131.71	800
1461	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	WSSStoElanthoor-Mallappuzhassery	mvs - new	kwa	7465	3830	Mallpuzhasse ry	2701	1377	0
1462	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoElanthurMallappuzhassery	mvs - new	kwa	1050	182.24	Mallpuzhasse ry	650	106.7	703
1463	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSStoKulanad&Mezhuveli	mvs - new	kwa	11399	12886.07	Mezhuveli	4507	5095.1 3	0
1464	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoChennerkkara-Mezhuvely-	mvs - new	kwa	550	116.32	Mezhuveli	200	48.22	225
1465	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoMylapra	mvs - new	kwa	35	6.37	Mylapra	35	6.37	47
1466	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofWSSStoVechoochira	mvs - revised	kwa	0	116.21	Naranammoo zhy	0	116.21	0
1467	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofWSSStoAdichipuzha	mvs - revised	kwa	0	429	Naranammoo zhy	0	429	0
1468	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPerunad&AthikkayamGramaPanchayath	mvs - new	kwa	1368	1872	Naranammoo zhy	1368	1872	0
1469	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoVechoochira-Naranammoozhy	mvs - new	kwa	1950	2083.29	Naranammoo zhy	350	373.92	0
1470	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoAdichipuzhapanchayath	mvs - new	kwa	1630	1779.08	Naranammoo zhy	1130	1233.3 5	0
1471	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoAdichippuzha,RWSSStoKudamuruti,RWSSSto Vechoochira	mvs - new	kwa	350	81.01	Naranammoo zhy	350	81.01	681

1472	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoPerinadu&Athikkayamvillages	mvs - new	kwa	2100	795.78	Naranammoo zhy	300	95.96	0
1473	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoCherukole,Naranganam&Ranni(part)Panchay ats	mvs - revised	kwa	0	1247.59	Naranganam	0	1247.5 9	0
1474	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- WSSStoCherukole,Naranganam,andRanniPanchayat hs	mvs - new	kwa	8915	7840	Naranganam	4809	4229.1 2	0
1475	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoCherukole&Naranganam	mvs - new	kwa	575	93.08	Naranganam	300	48.13	313
1476	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCsinNedumpuramPanchayath	mvs - new	kwa	1523	236.3	Nedumpuram	1523	236.3	0
1477	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	CRWSSStoNedumpuram,Peringara,Niranam,Kadapra Panchayats	mvs - new	kwa	2359	355.25	Nedumpuram	105	15.68	743
1478	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCsinNiranamPanchayath	mvs - new	kwa	1271	225.3	Niranam	1271	225.3	150
1479	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	CRWSSStoNedumpuram,Peringara,Niranam,Kadapra Panchayats	mvs - new	kwa	2359	355.25	Niranam	570	87.64	900
1480	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSStoNedumbram,Niranam,Kadapra&Peringarapts	mvs - new	kwa	653	102.57	Niranam	653	102.57	645
1481	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSStoCheneerkara&Omallur	mvs - new	kwa	9182	11384.81	Omallur	4672	5792.9 3	0
1482	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoOmalloor	mvs - new	kwa	80	14.47	Omallur	80	14.47	125
1483	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-CWSSStoPalliikkalGramaPanchayath	mvs - new	kwa	8291	9209	Pallickal	8291	9209	0
1484	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCtoPalliikkalpanchayath	mvs - new	kwa	1009	111.738	Pallickal	1009	111.73 8	0
1485	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	UWSSStoAdoor&AdjoiningPanchayaths	mvs - new	kwa	850	167.27	Pallickal	200	41.64	265
1486	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM- WSSStoPandalamThekkekara&ThumpamonGramaPa nchayaths	mvs - new	kwa	5775	3911	Pandalam Thekkekara	4182	2832.1 7	0
1487	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoPandalam-Thekkekara&Thumpamon	mvs - new	kwa	550	93.46	Pandalam Thekkekara	250	43.07	286
1488	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM- CRWSSStoNedumbram,Niranam,KadapraandPeringa raPanchayaths	mvs - new	kwa	7308	4565	Peringara	2398	2319	0
1489	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	CRWSSStoNedumpuram,Peringara,Niranam,Kadapra Panchayats	mvs - new	kwa	2359	355.25	Peringara	244	37.03	409
1490	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSStoPramadom-	mvs - new	kwa	500	74.11	Pramadom	500	74.11	529

1491	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSToPuramattom-Vennikkulam	mvs - new	kwa	2489	2426	Puramattom	2489	2426	0
1492	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSToVennikkulam	mvs - new	kwa	300	140	Puramattom	300	140	305
1493	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSStoCherukole,Naranganam&Ranni(part)Panchayats	mvs - revised	kwa	0	168.63	Ranni	0	168.63	0
1494	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofCARWSSToRanni,Pazhavangadi&Vadasserikara	mvs - new	kwa	5190	5380	Ranni	2483	2521.74	0
1495	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSStoCherukole,Naranganam,andRanniPanchayaths	mvs - new	kwa	8915	7840	Ranni	650	571.62	0
1496	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	WSStoRanni,PazhavangadiandVadasserikkaravillages	mvs - new	kwa	750	149.22	Ranni	200	34.58	449
1497	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSStoRanni,Pazhavangadi&Vadasserikkarapts	mvs - new	kwa	970	341.79	Ranni	150	52.1	0
1498	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSStoRanniAngadiandKottanad	mvs - new	kwa	7022	7537	Ranni Angadi	2316	2486	0
1499	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToAngadi	mvs - new	kwa	500	124.48	Ranni Angadi	500	124.48	869
1500	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSToAngadipt	mvs - new	kwa	350	117.29	Ranni Angadi	350	117.29	0
1501	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	MiniWaterSupplySchemetoRanni-AngadiPanchayat	svs - new	gwd	76	17.64	Ranni Angadi	76	17.64	0
1502	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoAdichipuzhaGramaPanchayath	mvs - new	kwa	830	1230.16	Ranni Pazhavangadi	330	489.1	0
1503	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofCARWSSToRanni,Pazhavangadi&Vadasserikara	mvs - new	kwa	5190	5380	Ranni Pazhavangadi	2607	2752.67	0
1504	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoVechoochiraGramaPanchayath	mvs - new	kwa	2000	2778.23	Ranni Pazhavangadi	2000	2778.23	0
1505	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	WSStoRanni,PazhavangadiandVadasserikkaravillages	mvs - new	kwa	750	149.22	Ranni Pazhavangadi	550	114.64	820
1506	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSStoRanni,Pazhavangadi&Vadasserikkarapts	mvs - new	kwa	970	341.79	Ranni Pazhavangadi	500	142.37	300
1507	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSStoPerinadandAthikayamvillages	mvs - revised	kwa	0	37.16	Ranni Perunad	0	37.16	0

1508	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	SSToPerunadu&AthikkayamVillegesinPathanamthitta District	mvs - revised	kwa	0	964	Ranni Perunad	0	964	0
1509	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofWSSToAdichipuzha	mvs - revised	kwa	0	189.82	Ranni Perunad	0	189.82	0
1510	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToPerunadandAthikkayamvillage	mvs - new	kwa	2838	1417	Ranni Perunad	2838	1417	0
1511	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToAdichipuzhapanchayath	mvs - new	kwa	1630	1779.08	Ranni Perunad	500	545.73	54
1512	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	Existingscheme- 1.RWSSToPerunad2.RWSSToAdichupuzha3.WSSTo PerunadandAthikkayamVillage	mvs - new	kwa	600	98.43	Ranni Perunad	600	98.43	700
1513	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSToPerinadu&Athikkayamvillages	mvs - new	kwa	2100	795.78	Ranni Perunad	1800	699.82	300
1514	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToSeethathodeGramaPanchayath	mvs - new	kwa	5922	5150	Seethathodu	5922	5150	19
1515	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	MiniWaterSupplySchemetoSeethathoduPanchayat	svs - new	gwd	28	6.58	Seethathodu	28	6.58	0
1516	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSToThannithodu	mvs - new	kwa	2841	1754	Thannithode	2841	1754	0
1517	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToThannithodu	mvs - new	kwa	200	29.37	Thannithode	200	29.37	208
1518	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSToThottapuzhassery	mvs - revised	kwa	0	157.95	Thottapuzhas sery	0	157.95	0
1519	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-RWSSToThottappuzhassery	mvs - new	kwa	3103	2844	Thottapuzhas sery	3103	2844	0
1520	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToThottappuzhserry	mvs - new	kwa	250	129.2	Thottapuzhas sery	250	129.2	1000
1521	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	RWSSToThottapuzhasserry	mvs - new	kwa	450	204	Thottapuzhas sery	450	204	370
1522	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM- WSSToPandalamThekkekara&ThumpamonGramaPa nchayaths	mvs - new	kwa	5775	3911	Thumpamon	1593	1078.8 3	0
1523	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToPandalam-Thekkekara&Thumpamon	mvs - new	kwa	550	93.46	Thumpamon	300	50.39	390
1524	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToAdichipuzhaGramaPanchayath	mvs - new	kwa	830	1230.16	Vadasserikka ra	500	741.06	0
1525	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	AugmentationofCARWSSToRanni,Pazhavangadi&Va dasserikara	mvs - new	kwa	5190	5380	Vadasserikka ra	100	105.59	0
1526	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToVadaserikaraGramaPanchayath	mvs - new	kwa	50	74.25	Vadasserikka ra	50	74.25	0

1527	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	1.WSSToRanni,PazhavangadiandVadasserikkaravilla ges2.RWSSToVadasserikkara3.RWSSToPezh	mvs - new	kwa	200	29.44	Vadasserikka ra	200	29.44	500
1528	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSToRanni,Pazhavangadi&Vadasserikkarapts	mvs - new	kwa	970	341.79	Vadasserikka ra	320	147.32	225
1529	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	MiniWaterSupplySchemetoVadasserikaraPanchayat	svs - new	gwd	65	15.69	Vadasserikka ra	65	15.69	0
1530	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	RWSSToVallicodu&Kodumon	mvs - new	kwa	8800	4410	Vallicode	3311	1660	0
1531	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToVallikkodu-Kodumon	mvs - new	kwa	550	81.93	Vallicode	550	81.93	574
1532	Pathanamthitta	G.O.(Rt)No.134/20 22/WRD	WSSToVechoochira-Naranamozhi	mvs - revised	kwa	0	1221.1	Vechuchira	0	1221.1	0
1533	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToVechoochira-Naranamoozhy	mvs - new	kwa	2986	3162	Vechuchira	2986	3162	0
1534	Pathanamthitta	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToVechoochira-Naranamoozhy	mvs - new	kwa	1950	2083.29	Vechuchira	1600	1709.3 7	0
1535	Pathanamthitta	G.O.(Rt)No.541/20 20/WRD	RWSSToVechoochiraRWSSToKollamula	svs - new	kwa	480	87.59	Vechuchira	480	87.59	748
1536	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSToVechuchira	mvs - new	kwa	200	75.46	Vechuchira	200	75.46	0
1537	Pathanamthitta	G.O.(Rt)No.777/20 20/WRD	WSSToAnicadu	mvs - new	kwa	180	50.4	Vechuchira	180	50.4	0
1538	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-2020-21AmbooriPanchayath- ProvidingwatersupplyfacilitytoKurisumala	mvs - new	kwa	2632	2107.65	Amboori	2632	2107.6 5	0
1539	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Amboori	2297	933.02	2000
1540	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Amboori	250	25	548
1541	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJMProvidingFHTCinAnaduGramaPanchayath	mvs - new	kwa	600	109	Anad	600	109	600
1542	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToAnadu,Kurupuzha,Palode	mvs - new	kwa	11640	6566.6	Anad	7814	4408.2	168
1543	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSToAnad	mvs - new	kwa	600	128	Anad	600	128	600
1544	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCstoAndoorkonam,GramaPanchayath	mvs - new	kwa	4178	2600.95	Andoorkona m	4178	2600.9 5	523
1545	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSToEdakkoduandadjoiningvillages	mvs - new	kwa	8200	987.22	Andoorkona m	2500	297.62	2500
1546	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSToAnchuthenguGramapanchayat	mvs - new	kwa	980	549.67	Anjuthengu	980	549.67	0

1547	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJMProvidingprovidingFHTCinAnchuthenguGramapanchayath	mvs - new	kwa	1477	306.636	Anjuthengu	1477	306.636	914
1548	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoVakkom,Anjengo	mvs - retro	kwa	100	10	Anjuthengu	100	10	100
1549	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoVakkomAnjengoUWSSStoAttingalAzhoorKizhuvilam	mvs - new	kwa	4400	675.99	Anjuthengu	400	63.87	400
1550	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WSSStoAruvikkaraandVellanadPanchayats	mvs - new	kwa	3986	2453	Aruvikkara	1440	892	0
1551	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WaterSupplytoAruvikkara,VellanaduandKarakulam	mvs - revised	kwa	0	1335	Aruvikkara	0	51	0
1552	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	WSSStoAruvikkara,VellanadandKarakulam	mvs - new	kwa	13077	8080	Aruvikkara	2438	1455	645
1553	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RWSSStoAruvikkara	mvs - new	kwa	1500	255	Aruvikkara	1500	255	1500
1554	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	RWSSStoAryanad,Enchapuri&Purithipara&WSSStoTheviyarkunnu	mvs - revised	kwa	0	121.55	Aryanad	0	121.55	0
1555	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJMWSSStoAryanad&Uzhamalakkalpanchayats	mvs - new	kwa	12540	14639.21	Aryanad	7014	8165.53	0
1556	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RWSSStoAryanad,Enchapuri&Puruthipara&WSSStoTheviyarkunnu	mvs - new	kwa	2800	584	Aryanad	2800	584	1500
1557	Thiruvanantha puram	G.O.(Rt)No.777/2020/WRD	BorewellbasedminiwatersupplyschemetoAryanadPanchayat	svs - new	gwd	390	61.95	Aryanad	390	61.95	314
1558	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJM-ProvidingFHTCsinAryancoduGramapanchayath	mvs - new	kwa	6645	3849.8	Aryancode	6645	3849.8	6
1559	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	ProvidingFHTCinAthiyanloorGramapanchayath	mvs - new	kwa	6469	3338.192	Athiyanloor	6469	3338.192	1578
1560	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	NWSS	mvs - retro	kwa	200	20	Athiyanloor	200	20	200
1561	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJMWSSStoAzhoorGramapanchayatPh3	mvs - new	kwa	2056	705.19	Azhoor	2056	705.19	0
1562	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJM-ProvidingFHTCinAzhoorPanchayath	mvs - new	kwa	2252	705.441	Azhoor	2252	705.441	500
1563	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	UWSSStoAttingalAzhoorKizhuvilam	mvs - new	kwa	1385	216.34	Azhoor	1385	216.34	1000
1564	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	UWSSStoAttingalAzhoorKizhuvilam	mvs - retro	kwa	250	23.75	Azhoor	250	23.75	81
1565	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoBalaramapuramGramapanchayath	mvs - new	kwa	2405	1193	Balaramapuram	2405	1193	0
1566	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Balaramapuram	7369	1656.43	4000

1567	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Balaramapuram	284	28.25	311
1568	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoadjoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Chemmaruthy	2896	6006.85	0
1569	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Chemmaruthy	2000	294.5015	2000
1570	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillagespipelinereplacement	mvs - retro	kwa	2665	219.46	Chemmaruthy	780	77.46	909
1571	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WSSStoKarode,Chenkal,Kulathoor	mvs - new	kwa	30840	25506.6	ChenKal	11084	9168.6	87
1572	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RW SSStoValiyakulam,Chirakulam,Viralil,Uchakkada	mvs - retro	kwa	300	29.9	ChenKal	200	20.2	200
1573	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RW SSStoValiyakulam,Chirakulam,Viralil,Uchakkada	mvs - new	kwa	2200	359.53	ChenKal	800	135.57	800
1574	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoadjoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Cherunnuyoor	1702	3568.25	0
1575	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJMWSSStoCherunniyoorpanchayatPhase2	mvs - new	kwa	90	38.69	Cherunnuyoor	90	38.69	0
1576	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Cherunnuyoor	448	79.72	500
1577	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillagespipelinereplacement	mvs - retro	kwa	2665	219.46	Cherunnuyoor	135	11.48	252
1578	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJMWSSStoChirayinkeezhuGramaPanchayatPh4	mvs - new	kwa	925	490.76	Chirayinkeezhu	925	490.76	0
1579	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJM-ProvidingprovidingFHTCinChirayinkeezhuGramaPanchayat	mvs - new	kwa	1315	597.586	Chirayinkeezhu	1315	597.586	589
1580	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVakkomAnjengoUW SSStoAttingalAzhoorKizhuvilam	mvs - new	kwa	4400	675.99	Chirayinkeezhu	1400	182.43	2000
1581	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoadjoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Edava	1539	3126.6	0
1582	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Edava	1100	193.74	1000
1583	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CW SSStoVarkalaandadjoiningvillages,RW SSStoThottumukham,WSSStoEdava	mvs - retro	kwa	400	28.05	Edava	400	28.05	400
1584	Thiruvanantha puram	G.O.(Rt)No.777/2020/WRD	Kotteppaniniwatersupplyscheme	mvs - new	kwa	1113	190.4	Edava	1113	190.4	615
1585	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-WSSStoadjoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Elakamon	1032	2118.66	0
1586	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RW SSStoAluvilapuramRWSSStoKayalpuram	mvs - retro	kwa	850	79.4	Elakamon	850	79.4	850

1587	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Elakamon	2154	326.35	2154
1588	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	RGNDWMtoAluvilappuram	mvs - new	kwa	1032	190.9	Elakamon	1032	190.9	311
1589	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSToKadakkavoorGramaPanchayatPH3	mvs - new	kwa	1710	502.71	Kadakkavoor	1710	502.71	0
1590	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingprovidingFHTCinKadakkavoorGramaPanch ayath	mvs - new	kwa	979	495.77	Kadakkavoor	979	495.77	979
1591	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToVakkomAnjengoUWSSToAttingalAzhoorKizh uvilam	mvs - new	kwa	4400	675.99	Kadakkavoor	1000	143.3	1201
1592	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCstoKadinamkulamGramaPanchayath	mvs - new	kwa	7329	3640.58	Kadinamkula m	7329	3640.5 8	2526
1593	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSToEdakkoduandadjoiningvillages	mvs - new	kwa	8200	987.22	Kadinamkula m	1800	202.23	2000
1594	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSToPanavoor,PullamparaandKallaraPanchay ats	mvs - new	kwa	365	274.86	Kallara	164	123.49	0
1595	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToKallara,Pullampara,Panavoor,Pangode,and Vembayam	mvs - new	kwa	21634	13058	Kallara	3394	2089	375
1596	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - new	kwa	9800	2431	Kallara	1400	195.1	1400
1597	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - retro	kwa	4200	421.99	Kallara	600	61.9	600
1598	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToKallikkadGramaPanchayath	mvs - new	kwa	716	450.16	Kallikkadu	716	450.16	0
1599	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Kallikkadu	2878	1313.9 5	2874
1600	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Kallikkadu	400	39.4	400
1601	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM-KalliyoorGramapanchayath	mvs - new	kwa	1721	411.53	Kalliyoor	1721	411.53	1721
1602	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Kalliyoor	2728	425	5029
1603	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToKanjiramkulamGramapanchayat	mvs - new	kwa	779	154.76	Kanjiramkula m	779	154.76	0
1604	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCinKanjiramkulamGramaPanchayath	mvs - new	kwa	1235	641	Kanjiramkula m	1235	641	920
1605	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSS to Kanjiramkulam, Karinkulam, Thirupuram	mvs - new	kwa	418	80.78	Kanjiramkula m	318	60.38	318

1606	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoKanjiramkulam,Karinkulam,Thirupuram	mvs - retro	kwa	170	16.92	Kanjiramkula m	70	7.32	70
1607	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	WaterSupplytoAruvikkara,VellanaduandKarakulam	mvs - revised	kwa	0	1335	Karakulam	0	660	0
1608	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	WSSStoAruvikkara,VelllanadandKarakulam	mvs - new	kwa	13077	8080	Karakulam	5673	3555	2000
1609	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKarakulam	mvs - new	kwa	1735	500	Karakulam	1735	500	579
1610	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSSStoPulimath,NagaroorandKaravaramPanchayat sPhase2	mvs - new	kwa	15438	8917.14	Karavaram	2545	1434.0 5	0
1611	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKaravaram	svs - retro	kwa	648	49.46	Karavaram	648	49.46	145
1612	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKaravaram	mvs - new	kwa	2900	350.54	Karavaram	2900	350.54	2900
1613	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	WSSStoKarode,Chenkal,Kulathoor	mvs - new	kwa	30840	25506.6	Karode	11315	9358	0
1614	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoValiyakulam,Chirakulam,Viralil,Uchakkada	mvs - new	kwa	2200	359.53	Karode	500	77.89	256
1615	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM- ProvidingFHTCstoHouseholdsinKarumkulamGramap anchayath	mvs - new	kwa	4679	1067	Karumkulam	4679	1067	500
1616	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSS to Kanjiramkulam, Karinkulam, Thirupuram	mvs - new	kwa	418	80.78	Karumkulam	100	20.4	706
1617	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoKanjiramkulam,Karinkulam,Thirupuram	mvs - retro	kwa	170	16.92	Karumkulam	100	9.6	100
1618	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CWSSStoParasala,MarukilMaranallur&Adj.villages	mvs - new	kwa	8692	2951.58	Kattakkada	5471	1047	0
1619	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Kattakkada	4167	2177.9 1	1107
1620	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Kattakkada	1000	96.75	1000
1621	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKizhuvilamGramaPanchayat	mvs - new	kwa	2019	509.46	Keezhuvilam	2019	509.46	0
1622	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJMPProvidingFHTCinKizhuvilamPanchayath.	mvs - new	kwa	3215	1026.564	Keezhuvilam	3215	1026.5 64	1500
1623	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVakkomAnjengoUWSSStoAttingalAzhoorKizh uvilam	mvs - new	kwa	4400	675.99	Keezhuvilam	800	159.58	2074
1624	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	CWSSStoVakkomAnchuthengu	mvs - new	kwa	300	49.7	Keezhuvilam	300	49.7	500

1625	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKilimanoor,PazhayakunnumelandMadav orVillages	mvs - new	kwa	12150	1396	Kilimanoor	4189	491.63	2500
1626	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	ARWSSStoKilimanoor,PazhayakunnumelandMadav oorvillages	mvs - new	kwa	762	97.36	Kilimanoor	228	32.44	264
1627	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	ProvidingFHTCKollayilandPerumkadavilaGramaPan chayaths	mvs - revised	kwa	2605	1320	Kollayil	2605	1320	0
1628	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinKollayilandPerumkadavilaGramaPa nchayat	mvs - new	kwa	7231	4813	Kollayil	5532	3443	0
1629	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Kollayil	500	90.79	548
1630	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinKottukalGramaPanchayath	mvs - new	kwa	8930	4608.131	Kottukal	8930	4608.1 31	0
1631	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	WSSStoKottukal&Athiyanoor	mvs - new	kwa	400	233.55	Kottukal	400	233.55	1007
1632	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKottukal	svs - retro	kwa	200	19.15	Kottukal	200	19.15	200
1633	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	WSSStoKarode,Chenkal,Kulathoor	mvs - new	kwa	30840	25506.6	Kulathoor	8441	6980	0
1634	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoValiyakulam,Chirakulam,Viralil,Uchakkada	mvs - retro	kwa	300	29.9	Kulathoor	100	9.7	100
1635	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoValiyakulam,Chirakulam,Viralil,Uchakkada	mvs - new	kwa	2200	359.53	Kulathoor	900	146.07	689
1636	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKunnathukalPanchayath	mvs - new	kwa	2916	2019	Kunnathukal	2916	2019	0
1637	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKunnathukal	mvs - new	kwa	8621	1579.18	Kunnathukal	7671	1403.1 8	0
1638	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKunnathukal	mvs - retro	kwa	750	73	Kunnathukal	500	49	513
1639	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CWSSStoManoorkaraVeernakavandperumkulamVilla ge:Ph3	mvs - new	kwa	444	177.27	Kuttichal	444	177.27	0
1640	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSStoManoorkara,VeranakavuandPerumkulamvill ages	mvs - new	kwa	12451	7057.42	Kuttichal	3791	2148.8	367
1641	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoKuttichal&2.CWSSStoParassalaandadjoinin gvillagesandMaruklandMaranallurVillages	mvs - new	kwa	2300	230.12	Kuttichal	2300	230.12	1000
1642	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPallickal,Madavoor	mvs - new	kwa	4227	9155.45	Madavoor	1929	4175.6 5	0
1643	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoMadavoorpanchayatPhase2	mvs - new	kwa	500	351.01	Madavoor	500	351.01	0
1644	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKilimanoor,PazhayakunnumelandMadav orVillages	mvs - new	kwa	12150	1396	Madavoor	2152	275.62	1678

1645	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoKilimanoor,PazhayakunnumelandMadavoor Panchayaths	mvs - retro	kwa	985	78.38	Madavoor	985	78.38	985
1646	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Malayinkeezh	6690	1840.4	1432
1647	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Malayinkeezh	400	39.6	400
1648	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoadjoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Manamboor	2585	5307.6 9	0
1649	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Manamboor	1008	132.42	1108
1650	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoVarkalaandadjoiningvillagespipelinereplace ment	mvs - retro	kwa	2665	219.46	Manamboor	400	29.58	400
1651	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCstoMangalapuramGramaPanchayath	mvs - new	kwa	4711	2969.37	Mangalapura m	4711	2969.3 7	1900
1652	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEdakkoduandadjoiningvillages	mvs - new	kwa	8200	987.22	Mangalapura m	1900	243	2432
1653	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CW SSStoNellanad,VamanapuramandManickalPanch ayath	mvs - new	kwa	16978	11870.32	Manickal	8585	6002.8 2	700
1654	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RW SSStoManickal	mvs - new	kwa	700	149	Manickal	700	149	896
1655	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-MaranalloorPanchayathCW SSStoKalippara	mvs - new	kwa	4816	3043	Maranalloor	4816	3043	0
1656	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Maranalloor	6424	1752.2 5	1743
1657	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CW SSStoParassala,MarukilMaranallurandAdj. Villages	mvs - retro	kwa	3434	336.85	Maranalloor	500	48.75	500
1658	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCsinMudakkalGramaPanchayath	mvs - new	kwa	3637	2445.79	Mudakkal	3637	2445.7 9	1000
1659	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSStoEdakkoduandadjoiningvillages	mvs - new	kwa	2500	350.63	Mudakkal	2500	350.63	1972
1660	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM- CW SSStoPulimath,NagaroorandKaravaramPanchayat sPhase2	mvs - new	kwa	15438	8917.14	Nagaroor	5685	3202.7 6	172
1661	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RW SSStoNagaroor	mvs - new	kwa	400	78.81	Nagaroor	400	78.81	500
1662	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	BorewellbasedminiwatersupplyschemetoNagaroorPa nchayat	svs - new	gwd	410	70.7	Nagaroor	410	70.7	0
1663	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CW SSStoanadu,Kurupuzha,Palode	mvs - revised	kwa	0	94.5	Nanniyode	0	94.5	0
1664	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CW SSStoAnadu,Kurupuzha,Palode	mvs - new	kwa	11640	6566.6	Nanniyode	3826	2158.4	131

1665	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoPalode&CWSSStoAnad,Kurupuzha,Palode	mvs - new	kwa	4450	468	Nanniyode	4450	468	1500
1666	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStojoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Navaikulam	4346	9170.8 3	134
1667	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Navaikulam	3326	387.04	3326
1668	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVarkalaandadjoiningvillagespipelinereplace ment	mvs - retro	kwa	2665	219.46	Navaikulam	1000	73.96	1000
1669	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-Nellnad,Vamanapuram&Manickal	mvs - new	kwa	3077	336	Nellnad	989	108	390
1670	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSStoNellnad,VamanapuramandManickalPanch ayath	mvs - new	kwa	16978	11870.32	Nellnad	3543	2476.1 5	500
1671	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoNellnadu	mvs - new	kwa	390	83.06	Nellnad	390	83.06	1437
1672	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CWSSStoParasala,MarukilMaranallur&Adj.villages	mvs - new	kwa	8692	2951.58	Ottasekaram angalam	1224	626.25	
1673	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Ottasekaram angalam	4429	1685.7 1	22
1674	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoParassala,MarukilMaranallurandAdj.Villages	mvs - retro	kwa	3434	336.85	Ottasekaram angalam	200	19.5	200
1675	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStojoiningpanchayathsofVarkkala	mvs - new	kwa	16955	35263.59	Ottoor	1805	3811.1 4	0
1676	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoOttoorGramaPanchayat- ProvidingFHTCstohouseholds	mvs - new	kwa	38	33.9	Ottoor	38	33.9	0
1677	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Ottoor	461	92.42	641
1678	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVarkalaandadjoiningvillagespipelinereplace ment	mvs - retro	kwa	2665	219.46	Ottoor	350	26.98	350
1679	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPallichalGramaPanchayath	mvs - new	kwa	4940	2301.46	Pallichal	4940	2301.4 6	0
1680	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoPallichal,Vilavoorkkal	mvs - new	kwa	6796	1948.59	Pallichal	6796	1948.5 9	3859
1681	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoPallichal,Vilavoorkkal	mvs - retro	kwa	642	62.4	Pallichal	642	62.4	642
1682	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoPallickal,Madavoor	mvs - new	kwa	4227	9155.45	Pallickal	2298	4979.8	0
1683	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoPallickalPipelineExtension	svs - retro	kwa	300	22.08	Pallickal	300	22.08	300
1684	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSPallickalpipelineextention	mvs - new	kwa	1621	193.92	Pallickal	1621	193.92	1061

1685	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	BorewellbasedminiwatersupplyschemetoPallikkalPanchayat	svs - new	gwd	897	186.66	Pallickal	897	186.66	500
1686	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSToPanavoor,PullamparaandKallaraPanchayats	mvs - new	kwa	365	274.86	Panavoor	40	30.13	0
1687	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToKallara,Pullampara,Panavoor,Pangode,and Vembayam	mvs - new	kwa	21634	13058	Panavoor	3013	1828	1208
1688	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vembayam	mvs - new	kwa	9800	2431	Panavoor	2000	518.21	1500
1689	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vembayam	mvs - retro	kwa	4200	421.99	Panavoor	1000	98.79	1000
1690	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToKallara,Pullampara,Panavoor,Pangode,and Vembayam	mvs - new	kwa	21634	13058	Pangode	6745	4048	1500
1691	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vembayam	mvs - new	kwa	9800	2431	Pangode	1400	290.89	1738
1692	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vembayam	mvs - retro	kwa	4200	421.99	Pangode	600	62.1	600
1693	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToParasalaGramapanchayath	mvs - new	kwa	6915	5411.93	Parassala	6915	5411.93	188
1694	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSToParassala	svs - retro	kwa	250	24.95	Parassala	250	24.95	250
1695	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSToParassala	mvs - new	kwa	7662	2533.4	Parassala	7662	2533.4	1000
1696	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSToKilimanoor,PazhayakunnumelandMadavoorVillages	mvs - new	kwa	12150	1396	Pazhayakunnummel	5809	628.75	2200
1697	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	ARWSSToKilimanoor,PazhayakunnummelandMadavoorvillages	mvs - new	kwa	762	97.36	Pazhayakunnummel	534	64.92	547
1698	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CWSSToPeringalamalaGramapanchayat	mvs - new	kwa	7777	12316.87	Peringamala_AVKRA	7777	12316.87	0
1699	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMMiniwatersupplyprojectProvidingwatersupplytoThiruvananthapuram-PakkulamSCcolonyatPeringamalaPanchayat	solar - new	kwa	8	9.7	Peringamala_AVKRA	8	9.7	8
1700	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFunctionalHouseholdTapConnectionsinPeringamalaGramapanchayat	svs - new	kwa	125	30.11	Peringamala_AVKRA	125	30.11	125
1701	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSToPeringammala&RWSSToIdinjara	mvs - new	kwa	400	100	Peringamala_AVKRA	400	100	668
1702	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCinKollayilandPerumkadavilaGramapanchayat	mvs - new	kwa	7231	4813	Perumkadavila	1699	1370	105
1703	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCinPerumkadavilaPanchayath	mvs - new	kwa	3239	3146.44	Perumkadavila	3239	3146.44	400

1704	Thiruvanantha puram	G.O.(Rt)No.541/20 WRD	RWSSToKunnathukal	mvs - new	kwa	8621	1579.18	Perumkadavil a	950	176	1000
1705	Thiruvanantha puram	G.O.(Rt)No.541/20 WRD	RWSSToKunnathukal	mvs - retro	kwa	750	73	Perumkadavil a	250	24	250
1706	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToManoorkara, VeranakavuandPerumkulamvill ages	mvs - new	kwa	12451	7057.42	Poovachal	8660	4908.6 2	503
1707	Thiruvanantha puram	G.O.(Rt)No.541/20 WRD	CWSSToParassalaandAdjoiningvillagesandMarukilan dMaranalloorVillagesCWSSToManoorkara,Ver	mvs - new	kwa	3318	759.5	Poovachal	3318	759.5	3400
1708	Thiruvanantha puram	G.O.(Rt)No.777/20 20/WRD	BorewellbasedminiwatersupplyschemetoPoovachalP anchayat	svs - new	gwd	260	42.73	Poovachal	260	42.73	0
1709	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	WSSToPoovarPanchayath	mvs - new	kwa	2015	602	Poovar	2015	602	500
1710	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKanjiramkulam,Karinkulam,Thirupuram	mvs - new	kwa	3217	1199.6	Poovar	1463	427.5	900
1711	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKanjiramkulam,Karinkulam,Thirupuram	mvs - retro	kwa	1300	123.1	Poovar	500	47.5	602
1712	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	ProvidingFHTCstoPothenkodeGramapanchayath	mvs - new	kwa	4624	3904.16	Pothenkode	4624	3904.1 6	124
1713	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	ARWSSToEdakkoduandadjoiningvillages	mvs - new	kwa	8200	987.22	Pothenkode	2000	244.37	2000
1714	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM- CWSSToPulimath,NagaroorandKaravaramPanchayat sPhase2	mvs - new	kwa	15438	8917.14	Pulimath	7208	4280.3 3	0
1715	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSToPulimath	mvs - new	kwa	450	112.35	Pulimath	450	112.35	482
1716	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM/SSToPanavoor,PullamparaandKallaraPanchay ats	mvs - new	kwa	365	274.86	Pullampara	161	121.24	0
1717	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	CWSSToKallara,Pullampara,Panavoor,Pangode,and Vembayam	mvs - new	kwa	21634	13058	Pullampara	2838	1698	578
1718	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - new	kwa	9800	2431	Pullampara	2000	526.8	2000
1719	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - retro	kwa	4200	421.99	Pullampara	1000	99.2	1000
1720	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToThirupuramGramapanchayath	mvs - new	kwa	1326	834	Thirupuram	1326	834	23
1721	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKanjiramkulam,Karinkulam,Thirupuram	mvs - new	kwa	3217	1199.6	Thirupuram	1754	772.1	1300
1722	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSToKanjiramkulam,Karinkulam,Thirupuram	mvs - retro	kwa	1300	123.1	Thirupuram	800	75.6	800

1723	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WSSStoTholicodeGramaPanchayat	mvs - new	kwa	500	349.52	Tholicode	500	349.52	225
1724	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	CWSSStoVithura,Tholicode	mvs - revised	kwa	0	121.2	Tholicode	0	121.2	0
1725	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoVithura,Tholicode	mvs - new	kwa	14277	1433	Tholicode	8121	756	3000
1726	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJMWSStoAryanad&Uzhamalakkalpanchayats	mvs - new	kwa	12540	14639.21	Uzhamalacka I	5526	6473.6 8	
1727	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJM- ProvidingFHTCatvariousplacesofUzhamalakkalGram aPanchayath	mvs - new	kwa	500	158.3	Uzhamalacka I	500	158.3	112
1728	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RWSSStoUzhamalakkal	mvs - new	kwa	828	212.5	Uzhamalacka I	828	212.5	2000
1729	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	JJMProvidingFHTCinVakkomGramaPanchayath	mvs - new	kwa	1961	1740.2	Vakkom	1961	1740.2	278
1730	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoVakkomAnjengoUWSSStoAttingalAzhoorKizh uvilam	mvs - new	kwa	4400	675.99	Vakkom	800	126.81	1000
1731	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	JJM-Nellnad,Vamanapuram&Manickal	mvs - new	kwa	3077	336	Vamanapura m	2088	228	478
1732	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	CWSSStoNellnad,VamanapuramandManickalPanch ayath	mvs - new	kwa	16978	11870.32	Vamanapura m	4850	3391.3 5	1000
1733	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RWSSStoVamanapuram,RWSSStoNellnadu	mvs - new	kwa	450	66.91	Vamanapura m	450	66.91	1000
1734	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WSSStoAruvikkaraandVellnadPanchayts	mvs - new	kwa	3986	2453	Vellnad	2546	1561	
1735	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	WaterSupplytoAruvikkara, VellnaduandKarakulam	mvs - revised	kwa	0	1335	Vellnad	0	624	780
1736	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	WSSStoAruvikkara, VellnadandKarakulam	mvs - new	kwa	13077	8080	Vellnad	4966	3070	1000
1737	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	RWSSStoVellnad	mvs - new	kwa	1500	284	Vellnad	1500	284	2000
1738	Thiruvanantha puram	G.O.(Rt)No.134/2022/WRD	CWSSStoParasala,MarukilMaranallur&Adj.villages	mvs - new	kwa	8692	2951.58	Vellarada	1997	1278.3 3	158
1739	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoParassala,MarukilMaranallurandAdjVillages	mvs - new	kwa	46032	13918.98	Vellarada	8550	2043.5 2	500
1740	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoParassala,MarukilMaranallurandAdj.Villages	mvs - retro	kwa	3434	336.85	Vellarada	400	39.6	500
1741	Thiruvanantha puram	G.O.(Rt)No.489/2021/WRD	CWSSStoKallara,Pullampara,Panavoor, Pangode,and Vembayam	mvs - new	kwa	21634	13058	Vembayam	5644	3395	1500
1742	Thiruvanantha puram	G.O.(Rt)No.541/2020/WRD	CWSSStoKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - new	kwa	9800	2431	Vembayam	3000	900	1969

1743	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoKallara,Pangode,Panavoor,Pullampara,Vem bayam	mvs - retro	kwa	4200	421.99	Vembayam	1000	100	1000
1744	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoVenganoorGramapanchayath	mvs - new	kwa	4791	1079	Venganoor	4791	1079	0
1745	Thiruvanantha puram	G.O.(Rt)No.489/20 21/WRD	JJM-ProvidingFHTCinVenganoorPanchayath	mvs - new	kwa	2231	1167	Venganoor	2231	1167	0
1746	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoKalliyoor,Venganoor,VizhinjamandKovalam TouristArea	mvs - retro	kwa	700	67.2	Venganoor	700	67.2	1846
1747	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoKalliyoor,Venganoor,Vizhunjam,andKovala mTouristArea	mvs - new	kwa	3000	899.1	Venganoor	3000	899.1	2000
1748	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoadjoiningpanchayatsofVarkkala	mvs - new	kwa	16955	35263.59	Vettoor	1050	2153.57	0
1749	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoVettoor	mvs - new	kwa	170	123.4	Vettoor	170	123.4	0
1750	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVarkalaandadjoiningvillages	mvs - new	kwa	11332	1645.312	Vettoor	835	139.12	632
1751	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoKattuvila,RWSSStoVettoorVilabhagam,Ongoi ngRWSSStoKakkakuzhy	mvs - retro	kwa	203	17.68	Vettoor	203	17.68	500
1752	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMProvidingwatersupplytoKadumbuHills	mvs - new	kwa	1000	974.68	Vilappil	1000	974.68	0
1753	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM- providingFHTCwithlayingnetworkinvariouswardsofVil appilPanchayath	mvs - new	kwa	4505	4429.06	Vilappil	4505	4429.06	0
1754	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	RWSSStoVilappil	mvs - revised	kwa	0	205	Vilappil	0	205	0
1755	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	RWSSStoVilappil	mvs - new	kwa	3516	2045	Vilappil	3516	2045	3269
1756	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJM-CWSSStoVilavoorkal	mvs - new	kwa	5236	2795	Vilavoorkkal	5236	2795	0
1757	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoPallichal,Vilavoorkal	mvs - new	kwa	1731	765.1	Vilavoorkkal	1731	765.1	925
1758	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoPallichal,Vilavoorkkal	mvs - retro	kwa	100	10.125	Vilavoorkkal	100	10.125	500
1759	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	JJMVithuraGramapanchayath- ProvidingFunctionalHouseholdTapConnectionsInNjar aneeliSTColony	solar - new	kwa	430	566.56	Vithura	430	566.56	240
1760	Thiruvanantha puram	G.O.(Rt)No.134/20 22/WRD	CWSSStoVithura,Tholicode	mvs - revised	kwa	0	48	Vithura	0	48	0
1761	Thiruvanantha puram	G.O.(Rt)No.541/20 20/WRD	CWSSStoVithura,Tholicode	mvs - new	kwa	14277	1433	Vithura	6156	677	3000

1762	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RWSS to Adat	svs - retro	kwa	250	21	Adat	250	21	500
1763	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RWSS to Adat	mvs - new	kwa	250	156	Adat	250	156	515
1764	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSS to Adat	mvs - revised	kwa	500	60	Adat	500	60	0
1765	Thrissur	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSIONWSS to ALAGAPPANAGAR Grama Panchayat	mvs - new	kwa	1274	4025.41	Alagappa Nagar	1274	4025.41	0
1766	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSS to Pudukkad and Alagappanagar, RWSS to Mannampetta, RWSS to Varakkara	mvs - new	kwa	1550	1306	Alagappa Nagar	1550	1306	301
1767	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSS to Pudukkad and Alagappa Nagar, 2.RWSS to Mannampetta, 3.RWSS to Varakkara-	mvs - retro	kwa	1500	121	Alagappa Nagar	1500	121	1500
1768	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.BWSS to EMHSAloor, 2.RWSS to Kallettumkara, 3.RWSS to Porunnamkundu, and 5.RWSS to Kuzhikkattu	mvs - retro	kwa	300	24	Alur	300	24	300
1769	Thrissur	G.O.(Rt)No.541/20 20/WRD	BWSS to EMHSAloor, RWSS to Kallettumkara, RWSS to Porunnamkundu, RWSS to Aloor, Thazhekkadu, Rws	mvs - new	kwa	1650	406	Alur	1650	406	1562
1770	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSS to Mala & adjoining Panchayaths - BWSS to Annamanada Grama Panchayath	mvs - new	jalanidhi	4399	1932.46	Annamanada	4399	1932.46	0
1771	Thrissur	G.O.(Rt)No.541/20 20/WRD	Jalanidhi- WSS to Mala and adjoining Panchayath	mvs - new	kwa	250	54.6	Annamanada	250	54.6	505
1772	Thrissur	G.O.(Rt)No.541/20 20/WRD	Jalanidhi-WSS to Mala and Adjoining Panchayaths	mvs - retro	kwa	250	20.5	Annamanada	250	20.5	0
1773	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSTO CHAZHUR, THANNIAMANDANTHIKKAD PANCHAYATHS	mvs - new	kwa	5409	5417.75	Anthicad	1888	2470.45	0
1774	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSS to Chazhur, Thaniyam, Anthikkad Panchayaths	mvs - revised	kwa	0	100	Anthicad	0	100	0
1775	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-Chazhur, Thanniyam Anthikkad	mvs - retro	kwa	1700	137	Anthicad	800	64.5	800
1776	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-Chazhur, Thanniyam Anthikkad	mvs - new	kwa	1769	607	Anthicad	835	274.5	1319
1777	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSS to Chazhur, Thaniyam and Anthikkad	mvs - revised	kwa	981	1166	Anthicad	465	481	0
1778	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalJeevan Mission-WSS to Arimbur Panchayat	mvs - new	kwa	4733	5949	Arimpoor	4733	5949	0
1779	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RWSS to Arimbur.	svs - retro	kwa	250	21	Arimpoor	250	21	250
1780	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RWSS to Arimbur	mvs - new	kwa	250	229	Arimpoor	250	229	764
1781	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSS to Arimbur	mvs - revised	kwa	500	0	Arimpoor	500	0	0

1782	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSStoAthirappallyGramaPanchayat	mvs - new	kwa	456	448	Athirappally	456	448	0
1783	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingWaterSupplytoAthirappallyPanchayath	svs - new	kwa	555	855	Athirappally	555	855	0
1784	Thrissur	G.O.(Rt)No.777/20 20/WRD	KIIFB- WSStoKodassery,Pariyaram,AthirappallyPanchayaths	mvs - new	kwa	1000	468	Athirappally	500	234	0
1785	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSStoAvanurPanchayath	mvs - new	kwa	4529	5481.59	Avanur	4529	5481.59	15
1786	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoVaradium	svs - retro	kwa	50	4.1	Avanur	50	4.1	50
1787	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoVaradium	mvs - new	kwa	50	13.3	Avanur	50	13.3	50
1788	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSStoVaradium	mvs - revised	kwa	100	11.6	Avanur	100	11.6	0
1789	Thrissur	G.O.(Rt)No.134/20 22/WRD	JaJeevanMission- WSStoAvinisseryGramaPanchayat	mvs - new	kwa	2713	2900	Avinissery	2713	2900	0
1790	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoAvinissery	mvs - new	kwa	200	68.9	Avinissery	200	68.9	288
1791	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoAvinissery-	svs - retro	kwa	200	16.1	Avinissery	200	16.1	200
1792	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSStoChazhur,Thaniam,AnthikkasPts	mvs - revised	kwa	0	220	Chazhoor	0	220	0
1793	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM- WSStoChazhur,ThanniamandAnthikadPanchayaths.	mvs - new	kwa	4037	2167	Chazhoor	4037	2167	1500
1794	Thrissur	G.O.(Rt)No.777/20 20/WRD	KIIFB_WSStoChazhur,Thaniam,AnthikkadPts.	mvs - new	kwa	2000	780	Chazhoor	2000	780	356
1795	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoWadakkancheryandajoiningPanchayats,CA RWSSStoPangarappilly,AUWSPtoChelakkaraCT	mvs - retro	kwa	750	61	Chelakkara	750	61	750
1796	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoWadakkancherryandadjoiningpanchayathsR WSStoAttoor	mvs - new	kwa	1500	237.5	Chelakkara	750	113	579
1797	Thrissur	G.O.(Rt)No.134/20 22/WRD	SPAN-Urakamadjoiningvillages	mvs - revised	kwa	0	251.48	Cherpu	0	251.48	0
1798	Thrissur	G.O.(Rt)No.541/20 20/WRD	SPAN-Urakamadjoiningvillages	mvs - new	kwa	3818	1055.5	Cherpu	3000	784.2	1707
1799	Thrissur	G.O.(Rt)No.541/20 20/WRD	SPANUrakamandAdjoiningvillages	mvs - retro	kwa	1294	105.5	Cherpu	794	64.5	794
1800	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoChiranelur	mvs - new	kwa	325	88.9	Choondal	325	88.9	0
1801	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoChiranelur	svs - retro	kwa	325	26.1	Choondal	325	26.1	40
1802	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalaJeevanMissionWSStoKadappuram,ChowannurP anchayath&Kunnamkulam	mvs - new	kwa	6291	8025.56	Chowannur	4188	3885.74	1

1803	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangodeandadjoining	mvs - retro	kwa	300	25	Desamangalam	300	25	300
1804	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangode	mvs - new	kwa	975	158.3	Desamangalam	300	46	318
1805	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNattikaFIRKAPH2	mvs - new	kwa	12292	16708.58	Edathiruthy	1277	2558	0
1806	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Edathiruthy	1100	192	354
1807	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Edathiruthy	1200	104	500
1808	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Edathiruthy	200	490	0
1809	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMethala,Eriyad,Edavilangu,KadukutyPanchayaths	mvs - new	kwa	187	273	Edavilangu	45	93	0
1810	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoMethalEriyadEdavilanguandKadukuty	mvs - new	kwa	2743	471	Edavilangu	1339	264	1871
1811	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoMethalaEriyadEdavilanguandKadukutyPan chayaths	mvs - retro	kwa	2006	166	Edavilangu	1070	88	1070
1812	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalanidhiLargewatersupplyschemetoElavallyGramap anchayath	mvs - new	jalanidhi	3242	4545	Elavally	3242	4545	0
1813	Thrissur	G.O.(Rt)No.541/20 20/WRD	Jalanidhi-WSSStoElavally	svs - retro	kwa	250	20.5	Elavally	250	20.5	0
1814	Thrissur	G.O.(Rt)No.541/20 20/WRD	Jalanidhi-WSSStoElavally	mvs - new	kwa	250	54.6	Elavally	250	54.6	540
1815	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoNattikaFirka	mvs - revised	kwa	0	130	Engandiyur	0	130	0
1816	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoNattikaFirka	mvs - new	kwa	4788	3000	Engandiyur	1569	1027	0
1817	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Engandiyur	1300	233	468
1818	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Engandiyur	1250	102	1250
1819	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Engandiyur	200	335	0
1820	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMethala,Eriyad,Edavilangu,KadukutyPanchayaths	mvs - new	kwa	187	273	Eriyad	142	180	338
1821	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoMethalEriyadEdavilanguandKadukuty	mvs - new	kwa	2743	471	Eriyad	1404	207	1800
1822	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoMethalaEriyadEdavilanguandKadukutyPan chayaths	mvs - retro	kwa	2006	166	Eriyad	936	78	1500
1823	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangodeandadjoining	mvs - retro	kwa	250	20.2	Erumapetty	250	20.2	250
1824	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangode	mvs - new	kwa	975	158.3	Erumapetty	250	39.8	275
1825	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangode	mvs - new	kwa	975	158.3	Kadangode	225	34	233
1826	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangodeandadjoining	mvs - retro	kwa	225	19	Kadangode	225	19	225

1827	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalaJeevanMissionWSSStoKadappuram,ChowannurP anchayath&Kunnamkulam	mvs - new	kwa	6291	8025.56	Kadappuram	2103	4139.8 2	0
1828	Thrissur	G.O.(Rt)No.541/20 20/WRD	Kunnumkulam-GuruvayurWSS/CWSS	mvs - new	kwa	850	277.73	Kadappuram	500	179.4	1149
1829	Thrissur	G.O.(Rt)No.541/20 20/WRD	Kunnumkulam-GuruvayurWSS/CWSS	mvs - retro	kwa	850	71.5	Kadappuram	500	41.5	1000
1830	Thrissur	G.O.(Rt)No.777/20 20/WRD	KGWSS	mvs - revised	kwa	2725	768.77	Kadappuram	2000	490.1	0
1831	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-KadavallurPanchayath- providingFHTCsfromongoingscheme	mvs - revised	kwa	0	160.52	Kadavallur	0	160.52	0
1832	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavattyRegionalWaterSupplyScheme	mvs - new	kwa	14907	13750	Kadavallur	3981	3160	0
1833	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Kadavallur	1400	114	900
1834	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Kadavallur	1400	315.94	176
1835	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKadukkuttyGramaPanchayath	mvs - new	kwa	3379	2177.52	Kadukkutty	3379	2177.5 2	0
1836	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoKallur-Vadakkumuri2.SPANKadukkutty-	mvs - retro	kwa	140	11.5	Kadukkutty	140	11.5	140
1837	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKallurVadakkummuri,RWSSStoPullipparakku nnu	mvs - new	kwa	1393	738.5	Kadukkutty	1393	738.5	1229
1838	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoKadukkuttyandKorattyPanchayats	mvs - revised	kwa	500	205.51	Kadukkutty	500	205.51	0
1839	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNattikaFIRKAPH2	mvs - new	kwa	12292	16708.58	Kaipamangal am	2053	3088.7 1	0
1840	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSSStoNattikaFirka	mvs - revised	kwa	0	173	Kaipamangal am	0	173	0
1841	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Kaipamangal am	1982	335	400
1842	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Kaipamangal am	1500	122	400
1843	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Kaipamangal am	250	870	0
1844	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoKaiparambuPanchayath	mvs - new	kwa	6121	5585.67	Kaiparamba	6121	5585.6 7	0
1845	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKandanassery/RWSSStoMatom	mvs - new	kwa	165	81.46	Kandanasser y	165	81.46	236
1846	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKandanassery/RWSSStoMattom	mvs - retro	kwa	165	13.53	Kandanasser y	165	13.53	200
1847	Thrissur	G.O.(Rt)No.134/20 22/WRD	KPCTAKaralamPadiyur	mvs - revised	kwa	800	382.05	Karalam	800	382.05	0
1848	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-KaralamPadiyoor-	mvs - retro	kwa	2900	235.3	Karalam	800	66.1	800

1849	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTAKaralamPadiyur	mvs - new	kwa	8168	709.8	Karalam	3666	311.85	2017
1850	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavarttyRegionalWaterSupplyScheme	mvs - new	kwa	14907	13750	Kattakampal	2727	2750	0
1851	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Kattakampal	800	64.2	800
1852	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Kattakampal	800	176.1	229
1853	Thrissur	G.O.(Rt)No.134/20 22/WRD	RDWSKattur,Padiyur,Poomangalam	mvs - revised	kwa	700	336.65	Kattur	700	336.65	0
1854	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-KaralamPadiyoor-	mvs - retro	kwa	2900	235.3	Kattur	700	56.5	700
1855	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTAKaralamPadiyur	mvs - new	kwa	8168	709.8	Kattur	2074	176.65	867
1856	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKodakaraRWSSStoPullipparakunnu	mvs - new	kwa	1476	300	Kodakara	1476	300	1516
1857	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoKodakaraand2.RWSSStoPulipparakunnu	mvs - retro	kwa	500	40	Kodakara	500	40	500
1858	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKodassery,Pariyaram&AthirapillyPanchay athsinThrissurDistrict	mvs - new	kwa	8223	4781	Kodassery	8223	4781	0
1859	Thrissur	G.O.(Rt)No.134/20 22/WRD	BWSSStoChaipankuzhy	mvs - revised	kwa	0	2	Kodassery	0	2	0
1860	Thrissur	G.O.(Rt)No.541/20 20/WRD	BWSSStoChaipakuzhy	mvs - new	kwa	10	2.4	Kodassery	10	2.4	10
1861	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.BWSSStoChaipankuzhy	svs - retro	kwa	20	1.6	Kodassery	20	1.6	20
1862	Thrissur	G.O.(Rt)No.777/20 20/WRD	KIIFB- WSStoKodassery,Pariyaram,AthirappillyPanchayath s	mvs - new	kwa	1000	468	Kodassery	500	234	151
1863	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKolazhyPanchayath	mvs - new	kwa	5372	4484	Kolazhy	5372	4484	0
1864	Thrissur	G.O.(Rt)No.541/20 20/WRD	AUWSPKolazhy,Kuttur,Pottoreandadjoiningareas	mvs - retro	kwa	225	19.1	Kolazhy	225	19.1	514
1865	Thrissur	G.O.(Rt)No.541/20 20/WRD	AUWSPKolazy,Kuttur,Pottore	mvs - new	kwa	325	73.6	Kolazhy	325	73.6	500
1866	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSSStoKolazhy	mvs - revised	kwa	450	54.3	Kolazhy	450	54.3	0
1867	Thrissur	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- ProvidingFHTCsneerKerakkunnuandotherparts inKon dazhyGramaPanchayathin	mvs - revised	kwa	0	28	Kondazhy	0	28	0
1868	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoMayyannur,RWSSStoChelakkode,CARWSSSt oThiruvillwamala	mvs - new	kwa	400	62	Kondazhy	400	62	400
1869	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoMayannur,RWSSStoChelakkode,CARWSSSto ThiruvillwamalaandKondazhy	mvs - retro	kwa	400	34	Kondazhy	400	34	400
1870	Thrissur	G.O.(Rt)No.777/20 20/WRD	CRWSSStoKondazhy-Thiruvallamala	mvs - revised	kwa	500	80	Kondazhy	500	80	153
1871	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoKorattyGramaPanchayath	mvs - new	kwa	1748	4026	Koratty	1748	4026	0

1872	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoKoratty2.RWSSStoNalukettu- Erattachiraand3.BWSSStoPongam	mvs - retro	kwa	500	45	Koratty	500	45	500
1873	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKoratty,RWSSStoNalukettuErattachiraandBW SSStoPongam	mvs - new	kwa	3000	2492	Koratty	3000	2492	2000
1874	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSSStoKoratty	mvs - revised	kwa	500	-893	Koratty	500	-893	574
1875	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoKuzhurandadjoiningPanchayats	mvs - revised	kwa	0	11.52	Kuzhur	0	11.52	0
1876	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningPanchayaths- BWSSStoKuzhurGramaPanchyath	mvs - new	jalanidhi	2521	1027.4	Kuzhur	2521	1027.4	0
1877	Thrissur	G.O.(Rt)No.777/20 20/WRD	KuzhurWaterSupplyScheme	mvs - new	jalanidhi	270	42.82	Kuzhur	270	42.82	270
1878	Thrissur	G.O.(Rt)No.777/20 20/WRD	KuzhurWaterSupplyScheme	svs - retro	jalanidhi	30	2.28	Kuzhur	30	2.28	20
1879	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningpts	mvs - revised	kwa	0	11.52	Mala	0	11.52	0
1880	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningPanchayaths- BWSSStoMalaGramaPanchyath	mvs - new	jalanidhi	3233	1778	Mala	3233	1778	0
1881	Thrissur	G.O.(Rt)No.777/20 20/WRD	MalaWaterSupplyScheme	svs - retro	jalanidhi	30	2.28	Mala	30	2.28	0
1882	Thrissur	G.O.(Rt)No.777/20 20/WRD	MalaWaterSupplyScheme	svs - new	jalanidhi	270	42.82	Mala	270	42.82	252
1883	Thrissur	G.O.(Rt)No.777/20 20/WRD	PuthenchiraWaterSupplyScheme	svs - retro	jalanidhi	30	2.28	Mala	30	2.28	0
1884	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission-WSSStoManalurPanchayat	mvs - new	kwa	3516	4782	Manallur	3516	4782	59
1885	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RWSSStoManalur	mvs - new	kwa	750	369	Manallur	750	369	750
1886	Thrissur	G.O.(Rt)No.541/20 20/WRD	TWSS-RwsstoManalur	svs - retro	kwa	750	61	Manallur	750	61	750
1887	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNattikaFIRKAPh2	mvs - new	kwa	12292	16708.58	Mathilakam	1697	2179	0
1888	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Mathilakam	1500	260	500
1889	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Mathilakam	1400	116	1400
1890	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Mathilakam	250	720	175
1891	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoMattathurKadambodRWSSStoKavanadu,RW SSStoAnnampadam	mvs - new	kwa	2800	556	Mattathur	2800	556	1000
1892	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoMattathur- Kadambode,2.RWSSStoKavanaduand3.RWSSStoAnn ampadam-	mvs - retro	kwa	300	24	Mattathur	300	24	1362
1893	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoMeloormGramapanchayath	mvs - new	kwa	3188	2298	Melur	3188	2298	0
1894	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoMeloormandAUWSSStoKoratty	mvs - new	kwa	1388	1888.5	Melur	1388	1888.5	506
1895	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSStoMeloormandAUWSSStoKoratty-	mvs - retro	kwa	500	41.5	Melur	500	41.5	500

1896	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMProvidingFHTCsfromWSSStoMulamgunnathukavuPanchayathinThrissurDistrict	mvs - new	kwa	3406	3334	Mulamkunnathukavu	3406	3334	0
1897	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCstoMulamkunnathukavuGP	mvs - revised	kwa	0	27	Mulamkunnathukavu	0	27	0
1898	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoKillannur,RWSSPoomala	mvs - new	kwa	125	21.5	Mulamkunnathukavu	125	21.5	562
1899	Thrissur	G.O.(Rt)No.541/20 20/WRD	1)RWSSStoKillannur,2)RWSSStoPoomala	mvs - retro	kwa	125	10.5	Mulamkunnathukavu	125	10.5	500
1900	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSSStoMulankunathukavu	mvs - revised	kwa	750	90	Mulamkunnathukavu	750	90	0
1901	Thrissur	G.O.(Rt)No.541/20 20/WRD	PRWSS-Phase-IIdistributionnetwork	mvs - retro	kwa	13576	1155	Mullassery	6801	579	1318
1902	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoWadakkancheryandadjoiningpanchayatsRWSSStoAttoo	mvs - retro	kwa	150	13	Mullurkara	150	13	150
1903	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoWadakkancherryandadjoiningpanchayathsRWSSStoAttoor	mvs - new	kwa	1500	237.5	Mullurkara	150	24	159
1904	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSSStoIrinjalakuda&Muriyad&VelookaraPanchayath	mvs - new	kwa	13279	16487.62	Muriyad	5552	7022.49	0
1905	Thrissur	G.O.(Rt)No.541/20 20/WRD	IrinjalakudaWaterSupplyScheme-	svs - retro	kwa	636	52.6	Muriyad	636	52.6	631
1906	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalanidhiLargewatersupplyschemetoNadatharaGramaPanchayath	mvs - new	jalanidhi	1200	508.7	Nadathara	1200	508.7	0
1907	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoNadatharaPanchayath	mvs - new	kwa	654	866	Nadathara	654	866	0
1908	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoNadatharaPhase,Jalanidhi-WSSStoNadathara	mvs - new	kwa	400	108.6	Nadathara	400	108.6	500
1909	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoNadathara,Jalanidhi-WSSStoNadathara	mvs - retro	kwa	400	33.5	Nadathara	400	33.5	541
1910	Thrissur	G.O.(Rt)No.777/20 20/WRD	RWSSStoNadathara	mvs - revised	kwa	500	60	Nadathara	500	60	0
1911	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSStoNattikaFirka	mvs - new	kwa	4788	3000	Nattika	1299	871	400
1912	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Nattika	1150	207	720
1913	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Nattika	1100	90	0
1914	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Nattika	200	540	0
1915	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNenmanikkaraPanchayath	mvs - new	kwa	3012	3027	Nenmenikkara	3012	3027	0
1916	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoNenmanikkara	mvs - new	kwa	650	415.5	Nenmenikkara	650	415.5	110
1917	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoNenmanikkara-	svs - retro	kwa	700	56.5	Nenmenikkara	700	56.5	700

1918	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMprovidinglineextensionandfunctionalhouseholdta pconnectionatOrumanyur	mvs - revised	kwa	0	535.41	Orumanayur	0	535.41	0
1919	Thrissur	G.O.(Rt)No.541/20 20/WRD	Kunnumkulam-GuruvayurWSS/CWSS	mvs - new	kwa	850	277.73	Orumanayur	350	98.33	264
1920	Thrissur	G.O.(Rt)No.541/20 20/WRD	Kunnumkulam-GuruvayurWSS/CWSS	mvs - retro	kwa	850	71.5	Orumanayur	350	30	350
1921	Thrissur	G.O.(Rt)No.777/20 20/WRD	KGWSS	mvs - revised	kwa	2725	768.77	Orumanayur	725	278.67	0
1922	Thrissur	G.O.(Rt)No.134/20 22/WRD	KPCTAKaralamPadiyur	mvs - revised	kwa	0	151.11	Padiyur	0	151.11	0
1923	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-KaralamPadiyoor-	mvs - retro	kwa	2900	235.3	Padiyur	700	56.5	700
1924	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTAKaralamPadiyur	mvs - new	kwa	8168	709.8	Padiyur	1279	115.85	919
1925	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToPanachery	mvs - new	kwa	500	266	Pananchery	500	266	580
1926	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToPananchery	svs - retro	kwa	500	41	Pananchery	500	41	500
1927	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-ProvidingFHTCsinPanjalGP	mvs - revised	kwa	0	31	Panjal	0	31	0
1928	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToWadakkancheryandajoiningPanchayatsAU WSPtoChelakkaraCT	mvs - retro	kwa	600	48.5	Panjal	600	48.5	600
1929	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToWadakkancherryandadjoiningpanchayathsR WSSToAttoor	mvs - new	kwa	1500	237.5	Panjal	600	100.5	100
1930	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSSToParalamGP	mvs - new	kwa	2883	4300	Paralam	2883	4300	0
1931	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSS to Paralam	mvs - new	kwa	500	192	Paralam	500	192	597
1932	Thrissur	G.O.(Rt)No.541/20 20/WRD	ARWSSToParalam	svs - retro	kwa	500	41	Paralam	500	41	500
1933	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToThattippal	mvs - new	kwa	200	70.15	Parappukkar a	200	70.15	200
1934	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToThottippal-	svs - retro	kwa	100	8.15	Parappukkar a	100	8.15	100
1935	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSToPariyaramGramaPanchayath	mvs - new	kwa	3062	2853	Pariyaram	3062	2853	0
1936	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToPariyaram.	svs - retro	kwa	300	26	Pariyaram	300	26	300
1937	Thrissur	G.O.(Rt)No.541/20 20/WRD	KIIFB-WSSToKodasseryPariyaramandAthirappilly	mvs - new	kwa	1808	654	Pariyaram	1808	654	815
1938	Thrissur	G.O.(Rt)No.541/20 20/WRD	PRWSS-Phase-IIdistributionnetwork	mvs - retro	kwa	13576	1155	Pavaratty	6775	576	1000
1939	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToNattikaFirka	mvs - new	kwa	1302	729	Perinjanam	1302	729	0
1940	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - new	kwa	15832	2764	Perinjanam	1200	203	500
1941	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - retro	kwa	14650	1210	Perinjanam	1100	94	500
1942	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSToNattika-Firka	mvs - revised	kwa	2150	7950	Perinjanam	200	470	113

1943	Thrissur	G.O.(Rt)No.134/20 22/WRD	RDW SKattur,Padiyur,Poomangalam	mvs - revised	kwa	0	298.35	Poomangalam	0	298.35	0
1944	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-KaralamPadiyoor-	mvs - retro	kwa	2900	235.3	Poomangalam	700	56.2	700
1945	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTAKaralamPadiyur	mvs - new	kwa	8168	709.8	Poomangalam	1149	105.45	522
1946	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavarttyRegionalWaterSupplyScheme	mvs - new	kwa	14907	13750	Porkulam	1994	2010	0
1947	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Porkulam	650	56	1000
1948	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Porkulam	650	168.2	258
1949	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningPanchayaths- BWSSStoPoyyaGramapanchyath	mvs - new	jalanidhi	1450	862.7	Poyya	1450	862.7	0
1950	Thrissur	G.O.(Rt)No.777/20 20/WRD	PoyyaWaterSupplyScheme	svs - retro	jalanidhi	30	2.28	Poyya	30	2.28	0
1951	Thrissur	G.O.(Rt)No.777/20 20/WRD	PoyyaWaterSupplyScheme	mvs - new	jalanidhi	270	42.82	Poyya	270	42.82	258
1952	Thrissur	G.O.(Rt)No.134/20 22/WRD	RWSSStoPudukkad&Algppanagar,BWSSStoSooryagram	mvs - revised	kwa	0	30	Pudukkad	0	30	0
1953	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSStoPudukkadGramapanchayath	mvs - new	kwa	1224	3110	Pudukkad	1224	3110	0
1954	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoPuthukkadandAlangappanagar,BWSSStoSooryaGramam	mvs - new	kwa	1675	708	Pudukkad	1675	708	244
1955	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoPudukkadandAlagappanagar,2.BWSSStoSooryaGramam	mvs - retro	kwa	1500	122	Pudukkad	1500	122	1000
1956	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavarattyRegionalWaterSupplyScheme(PRWSS) )ProvidingFHTCstoPunnayurPanchayat	mvs - new	kwa	6290	4220	Punnayur	6290	4220	0
1957	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Punnayur	750	60	500
1958	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Punnayur	750	214	173
1959	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPunnayurkulampanchayath- ProvidingFHTCsfromongoingschemes	mvs - revised	kwa	0	106.7	Punnayurkulam	0	106.7	0
1960	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavarttyRegionalWaterSupplyScheme	mvs - new	kwa	14907	13750	Punnayurkulam	3143	2950	0
1961	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Punnayurkulam	1900	155	1500
1962	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Punnayurkulam	1900	300.3	187
1963	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningPanchayaths- BWSSStoPuthenchiraGramapanchyath	mvs - new	jalanidhi	1607	1059.35	Puthenchira	1607	1059.35	0
1964	Thrissur	G.O.(Rt)No.777/20 20/WRD	PuthenchiraWaterSupplyScheme	mvs - new	jalanidhi	270	42.82	Puthenchira	270	42.82	335

1965	Thrissur	G.O.(Rt)No.541/20 20/WRD	1)RW SSStoPuthur2)RW SSStoVettukad3)RW SSStoPuzh zmpallam4)RW SSStoMarottichal	mvs - retro	kwa	500	42	Puthur_TSR	500	42	200
1966	Thrissur	G.O.(Rt)No.541/20 20/WRD	RW SSStoPuthur,RW SSStoVettukadu,RW SSStoPuzhzm pallam,RwsstoMarottichal	mvs - new	kwa	500	203	Puthur_TSR	500	203	113
1967	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNattikaFIRKAPH2	mvs - new	kwa	12292	16708.58	Sree Narayanapur am	2248	3281.7 2	0
1968	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoNattikaFirka	mvs - revised	kwa	0	128	Sree Narayanapur am	0	128	0
1969	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Sree Narayanapur am	1950	328	157
1970	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Sree Narayanapur am	1600	134	500
1971	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Sree Narayanapur am	250	1110	0
1972	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSStoNattikaFIRKAPH2	mvs - new	kwa	12292	16708.58	Thalikulam	2218	2521.6 2	0
1973	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - new	kwa	15832	2764	Thalikulam	1800	321	401
1974	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSStoNattikaFirka	mvs - retro	kwa	14650	1210	Thalikulam	1800	146	1000
1975	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoNattika-Firka	mvs - revised	kwa	2150	7950	Thalikulam	200	1165	0
1976	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM- WSSTOCHAZHUR,THANNIAMANDANTHIKKADPA NCHAYATHS	mvs - new	kwa	5409	5417.75	Thanniyam	3521	2947.3	0
1977	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSSStoChazhur,Thaniam,AnthikkasPts	mvs - revised	kwa	0	210	Thanniyam	0	210	0
1978	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-Chazhur,ThanniyamAnthikkad	mvs - retro	kwa	1700	137	Thanniyam	900	72.5	50
1979	Thrissur	G.O.(Rt)No.541/20 20/WRD	KPCTA-Chazhur,ThanniyamAnthikkad	mvs - new	kwa	1769	607	Thanniyam	934	332.5	27
1980	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSStoChazhur,ThaniyanandAnthikkad	mvs - revised	kwa	981	1166	Thanniyam	516	685	0
1981	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMCARWSSStoThekkumkara&adjoiningvillages	mvs - new	kwa	3413	1750	Thekkumkara	3413	1750	0
1982	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoThekkumkaraandadjoiningvillages	mvs - retro	kwa	250	21.5	Thekkumkara	250	21.5	500
1983	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoThekkumkara	mvs - new	kwa	350	49.5	Thekkumkara	350	49.5	188

1984	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToThiruvilwamala,CARWSSToThiruvilwamala andKondazhy,villages	mvs - retro	kwa	400	32.1	Thiruvilwamal a	400	32.1	400
1985	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToThiruvillwamala,CARWSSToThiruvillwamala andKondazhyvillage	mvs - new	kwa	400	62.9	Thiruvilwamal a	400	62.9	399
1986	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSToTholurPanchayath	mvs - new	kwa	4088	5084.67	Tholur	4088	5084.67	0
1987	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToTholur	mvs - new	kwa	150	53.88	Tholur	150	53.88	150
1988	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToTholur	svs - retro	kwa	150	12.5	Tholur	150	12.5	166
1989	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMWSSToThrikkurGramaPanchayath	mvs - new	kwa	2383	2307	Trikkur	2383	2307	0
1990	Thrissur	G.O.(Rt)No.541/20 20/WRD	NRDWPAugmentationofThrikkurandKallur	mvs - new	kwa	230	564	Trikkur	230	564	324
1991	Thrissur	G.O.(Rt)No.541/20 20/WRD	NRDWP-AugmentationofThrikkurandKallurVillages-	mvs - retro	kwa	1435	115	Trikkur	1435	115	1435
1992	Thrissur	G.O.(Rt)No.777/20 20/WRD	AugmentationofThrikkurandKallurvillages	mvs - revised	kwa	570	-214	Trikkur	570	-214	0
1993	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM-WSSToNattikaFirka	mvs - new	kwa	4788	3000	Vadanappilly	1920	1102	0
1994	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - new	kwa	15832	2764	Vadanappilly	1650	288	1000
1995	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - retro	kwa	14650	1210	Vadanappilly	1500	123	516
1996	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSToNattika-Firka	mvs - revised	kwa	2150	7950	Vadanappilly	200	1080	0
1997	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJMPavarttyRegionalWaterSupplyScheme	mvs - new	kwa	14907	13750	Vadekkekad	3062	2880	0
1998	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - retro	kwa	6900	562.7	Vadekkekad	1400	113.5	1420
1999	Thrissur	G.O.(Rt)No.541/20 20/WRD	PavarattyRegionalWSS	mvs - new	kwa	6900	1418.44	Vadekkekad	1400	243.9	1400
2000	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSSToNattikaFIRKAPH2	mvs - new	kwa	12292	16708.58	Valappad	2799	3079.53	0
2001	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - new	kwa	15832	2764	Valappad	2200	397	312
2002	Thrissur	G.O.(Rt)No.541/20 20/WRD	CWSSToNattikaFirka	mvs - retro	kwa	14650	1210	Valappad	2200	179	1500
2003	Thrissur	G.O.(Rt)No.777/20 20/WRD	WSSToNattika-Firka	mvs - revised	kwa	2150	7950	Valappad	200	1170	0
2004	Thrissur	G.O.(Rt)No.134/20 22/WRD	JalJeevanMission-WSSToVALLACHIRAPanchayath	mvs - new	kwa	476	1360	Vallachira	476	1360	0
2005	Thrissur	G.O.(Rt)No.541/20 20/WRD	SPAN-Urakamadjoiningvillages	mvs - new	kwa	3818	1055.5	Vallachira	818	271.3	988
2006	Thrissur	G.O.(Rt)No.541/20 20/WRD	SPANUrakamandAdjoiningvillages	mvs - retro	kwa	1294	105.5	Vallachira	500	41	500
2007	Thrissur	G.O.(Rt)No.489/20 21/WRD	JJM- RWSSProvidingFHTCstoCheruthuruthyandNedump uravillages	mvs - new	kwa	3351	1700	Vallathol Nagar	3351	1700	500
2008	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSToCheruthuruthyandNedumpuraVillages	mvs - retro	kwa	300	24.1	Vallathol Nagar	300	24.1	945

2009	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoCheruthurithiyandNedumpara	mvs - new	kwa	300	46.9	Vallathol Nagar	300	46.9	300
2010	Thrissur	G.O.(Rt)No.541/20 20/WRD	1.RWSSStoMupiyam,2.RWSSStoVaranthurappilly,3.R WSStoParakkadavu(Thottumugham)	mvs - retro	kwa	1325	107	Varandarappi lly	1325	107	1345
2011	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoParakadavu(Thottumugham)	mvs - new	kwa	1567	713	Varandarappi lly	1567	713	889
2012	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangodeandadjoiningpanchayaths	mvs - retro	kwa	300	24.5	Varavoor	300	24.5	300
2013	Thrissur	G.O.(Rt)No.541/20 20/WRD	CARWSSStoKadangode	mvs - new	kwa	975	158.3	Varavoor	200	38.5	241
2014	Thrissur	G.O.(Rt)No.134/20 22/WRD	CWSSStoMala&adjoiningPanchayaths- BWSSStoVellangallurGramaPanchyath	mvs - new	jalanidhi	2855	2043.5	Vellangallur	2855	2043.5	
2015	Thrissur	G.O.(Rt)No.777/20 20/WRD	VellangallurWaterSupplyScheme	mvs - new	jalanidhi	270	42.82	Vellangallur	270	42.82	500
2016	Thrissur	G.O.(Rt)No.777/20 20/WRD	VellangallurWaterSupplyScheme	svs - retro	jalanidhi	30	2.28	Vellangallur	30	2.28	41
2017	Thrissur	G.O.(Rt)No.134/20 22/WRD	WSStoIrinjalakuda&Muriyad&VellookaraPanchayath	mvs - new	kwa	13279	16487.62	Vellookkara	7727	9465.1 3	0
2018	Thrissur	G.O.(Rt)No.541/20 20/WRD	IrinjalakudaWaterSupplyScheme	mvs - retro	kwa	50	4	Vellookkara	50	4	50
2019	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoVelur	mvs - new	kwa	250	43	Velur	250	43	128
2020	Thrissur	G.O.(Rt)No.541/20 20/WRD	RWSSStoVelur	svs - retro	kwa	250	22	Velur	250	22	250
2021	Thrissur	G.O.(Rt)No.777/20 20/WRD	ThrissurWaterSupplyScheme	mvs - revised	kwa	1000	279.87	Venkitangu_I RJKDA	1000	279.87	1000
2022	Thrissur	G.O.(Rt)No.134/20 22/WRD	JJM-WSStoVenkidanguGramaPanchayath	mvs - new	kwa	4784	3843	Venkitangu_T SR	4784	3843	196
2023	Thrissur	G.O.(Rt)No.541/20 20/WRD	ThrissuWatersupplyScheme	mvs - new	kwa	250	135.63	Venkitangu_T SR	250	135.63	250
2024	Thrissur	G.O.(Rt)No.541/20 20/WRD	ThrissurWaterSupplyScheme	svs - retro	kwa	250	20.5	Venkitangu_T SR	250	20.5	250
2025	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJMCWSSStoAMBALAVAYAL,NENMENI,POOTHAD YandPULAPALLYGP	mvs - new	kwa	24596	21055	Ambalavayal	6468	7500	0
2026	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSStoKrishnagiri,AmbalavayalandPurarakadivillag es	mvs - new	kwa	900	170.1	Ambalavayal	350	75.7	648
2027	Wayanad	G.O.(Rt)No.489/20 21/WRD	WSStoManathavady,Edava&Nalooradu villages- providingfunctionalhouseholdtapconnectioninE	mvs - new	kwa	4100	3400	Edavaka	4100	3400	500
2028	Wayanad	G.O.(Rt)No.541/20 20/WRD	WSStoManathavady,EdavakkaandPurranaorevillage s	mvs - new	kwa	400	84.5	Edavaka	400	84.5	400
2029	Wayanad	G.O.(Rt)No.777/20 20/WRD	EdavakaGPWaterSupplyscheme	mvs - new	jalanidhi	600	104	Edavaka	600	104	600

2030	Wayanad	G.O.(Rt)No.777/20 20/WRD	EdavakaGPWaterSupplyscheme	svs - new	jalaniidhi	600	134	Edavaka	600	134	781
2031	Wayanad	G.O.(Rt)No.489/20 21/WRD	ARWSSToKaniyambetta	mvs - new	kwa	5132	5320	Kaniambetta	5132	5320	148
2032	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSToKaniyampatta	mvs - new	kwa	900	179.9	Kaniambetta	900	179.9	900
2033	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSThariode,Pozhuthana,Kottathara,Vengap palliPanchayathsinWayanadDistrict	mvs - new	kwa	11103	12502	Kottathara	2662	2997.4	563
2034	Wayanad	G.O.(Rt)No.777/20 20/WRD	KottatharaLWSS	svs - new	jalaniidhi	800	178.72	Kottathara	800	178.72	300
2035	Wayanad	G.O.(Rt)No.777/20 20/WRD	KottatharaLWSS	svs - retro	jalaniidhi	200	19.28	Kottathara	200	19.28	263
2036	Wayanad	G.O.(Rt)No.489/20 21/WRD	WSSToThirunellyinThirunnellypanchayath&providing FHTCstoThirunnellypanchayathinWayanad	mvs - new	kwa	6000	4850	Meenangadi	6000	4850	500
2037	Wayanad	G.O.(Rt)No.489/20 21/WRD	ARWSSToKrishnagiri,PurakkadyAndAmbalavayalVill agesProvidingFunctionalHouseholdTapConnectio	mvs - new	kwa	7550	4000	Meenangadi	7550	4000	400
2038	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSToKrishnagiri,AmbalavayalandPurakkadivillag es	mvs - new	kwa	900	170.1	Meenangadi	550	94.4	749
2039	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSToMoopainad,MeppadiandVythiriPanchay athsinWayanadDistrict	mvs - new	kwa	17968	20277	Meppadi	9622	10858	0
2040	Wayanad	G.O.(Rt)No.134/20 22/WRD	CWSSToPulapallyandMullankolly- providingFunctionalHouseholdTabConnectionsinMull ankollyGP	mvs - new	kwa	4600	5310	Mullankolly	4600	5310	39
2041	Wayanad	G.O.(Rt)No.541/20 20/WRD	CWSSToPulpallyandMullankolly	mvs - new	kwa	350	92.3	Mullankolly	350	92.3	800
2042	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSToMoopainad,MeppadiandVythiriPanchay athsinWayanadDistrict	mvs - new	kwa	17968	20277	Muppainadu	4534	5117	0
2043	Wayanad	G.O.(Rt)No.541/20 20/WRD	RWSSToMoopainad	mvs - new	kwa	400	79.6	Muppainadu	400	79.6	474
2044	Wayanad	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- CWSSToSULTHANBATHERY,NOOLPUZHAANDM UTTILSCHEME	mvs - new	kwa	13352	6636	Mutil	8383	5089	0
2045	Wayanad	G.O.(Rt)No.541/20 20/WRD	RWSSToMutil	mvs - new	kwa	250	55.4	Mutil	250	55.4	445
2046	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJMCWSSToAMBALAVAYAL,NENMENI,POOTHAD YandPULAPALLYGP	mvs - new	kwa	24596	21055	Nenmeni	6547	3960	0
2047	Wayanad	G.O.(Rt)No.777/20 20/WRD	NenmeniLWSS	svs - retro	jalaniidhi	200	19.58	Nenmeni	200	19.58	200
2048	Wayanad	G.O.(Rt)No.777/20 20/WRD	NenmeniLWSS	mvs - new	jalaniidhi	800	178.42	Nenmeni	800	178.42	800
2049	Wayanad	G.O.(Rt)No.777/20 20/WRD	ThovarimalaWatersupplyschemewithopenwellassour ce	svs - new	jalaniidhi	500	98	Nenmeni	500	98	501

2050	Wayanad	G.O.(Rt)No.134/20 22/WRD	JALJEEVANMISSION- CWSSTOSULTHANBATHERY,NOOLPUZHAANDM UTTILSCHEME	mvs - new	kwa	13352	6636	Noolpuzha	4969	1547	0
2051	Wayanad	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplyschemesatNoolpuzhaGPwithopen wellassource	svs - new	jalanidhi	225	45	Noolpuzha	225	45	49
2052	Wayanad	G.O.(Rt)No.489/20 21/WRD	ARWSSToPadinharathara&Thariodevillages	mvs - new	kwa	5640	4650	Padinharetha ra	5640	4650	284
2053	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSToPadinjaretharaandThariyode	mvs - new	kwa	1070	220	Padinharetha ra	670	147	670
2054	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSVellamunda,Thondernadu,ThavinjalandP anamaramPanchayathsinWayanadDistrict	mvs - new	kwa	25862	29139	Panamaram	5723	6448	0
2055	Wayanad	G.O.(Rt)No.777/20 20/WRD	Nadavayalsmallwatersupplyschemewithopenwellass ource	svs - new	jalanidhi	180	38.15	Panamaram	180	38.15	0
2056	Wayanad	G.O.(Rt)No.777/20 20/WRD	PanamaramGPWaterSupplyschemes	svs - retro	jalanidhi	160	14	Panamaram	160	14	0
2057	Wayanad	G.O.(Rt)No.777/20 20/WRD	PanamaramGPWaterSupplyschemes	mvs - new	jalanidhi	1260	231.86	Panamaram	1260	231.86	0
2058	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJMCWSStoAMBALAVAYAL,NENMENI,POOTHAD YandPULAPALLYGP	mvs - new	kwa	24596	21055	Poothadi	5948	5400	0
2059	Wayanad	G.O.(Rt)No.777/20 20/WRD	AthirattukunnuBWSS	mvs - new	jalanidhi	1000	213.43	Poothadi	1000	213.43	0
2060	Wayanad	G.O.(Rt)No.777/20 20/WRD	AthirattukunnuBWSS	svs - retro	jalanidhi	210	16.57	Poothadi	210	16.57	0
2061	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJM- Phase2CWSSTOTHARIYODE,POZHUTHANA,KOT TATHARA&VENGAPALLYPANCHAYATHS	mvs - revised	kwa	3085	627.14	Pozhuthana	1278	123.91	0
2062	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSThariode,Pozhuthana,Kottathara,Vengap palliPanchayathsinWayanadDistrict	mvs - new	kwa	11103	12502	Pozhuthana	3980	4481.5	0
2063	Wayanad	G.O.(Rt)No.777/20 20/WRD	SmallWaterSupplyschemesatPozhuthanaGPwithope nwellassource	svs - new	jalanidhi	100	24	Pozhuthana	100	24	1
2064	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJMCWSStoAMBALAVAYAL,NENMENI,POOTHAD YandPULAPALLYGP	mvs - new	kwa	24596	21055	Pulpalli	5633	4195	0
2065	Wayanad	G.O.(Rt)No.777/20 20/WRD	PulpallyLWSS	mvs - new	jalanidhi	900	141.04	Pulpalli	900	141.04	681
2066	Wayanad	G.O.(Rt)No.777/20 20/WRD	PulpallyLWSS	svs - retro	jalanidhi	100	6.96	Pulpalli	100	6.96	100
2067	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJM- Phase2CWSSTOTHARIYODE,POZHUTHANA,KOT TATHARA&VENGAPALLYPANCHAYATHS	mvs - revised	kwa	3085	627.14	Thariyode	866	213.01	0

2068	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSThariode,Pozhuthana,Kottathara,Vengap palliPanchayathsinWayanadDistrict	mvs - new	kwa	11103	12502	Thariyode	2238	2520	113
2069	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSToPadinjaretharaandThariyode	mvs - new	kwa	1070	220	Thariyode	400	73	400
2070	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSVellamunda,Thondernadu,ThavinjalandP anamaramPanchayathsinWayanadDistrict	mvs - new	kwa	25862	29139	Thavinhal	8148	9180	0
2071	Wayanad	G.O.(Rt)No.777/20 20/WRD	ThavinjalGPWaterSupplieschemes	svs - new	jalanidhi	998	196	Thavinhal	998	196	0
2072	Wayanad	G.O.(Rt)No.541/20 20/WRD	ARWSSToThirunelli	mvs - new	kwa	150	36	Thirunelly	150	36	269
2073	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSVellamunda,Thondernadu,ThavinjalandP anamaramPanchayathsinWayanadDistrict	mvs - new	kwa	25862	29139	Thondernad	4489	5058	0
2074	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSVellamunda,Thondernadu,ThavinjalandP anamaramPanchayathsinWayanadDistrict	mvs - new	kwa	25862	29139	Vellamunda	7502	8453	10
2075	Wayanad	G.O.(Rt)No.134/20 22/WRD	JJM- Phase2CWSSSTOTHARIYODE,POZHUTHANA,KOT TATHARA&VENGAPALLYPANCHAYATHS	mvs - revised	kwa	3085	627.14	Vengappally	941	290.22	0
2076	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSThariode,Pozhuthana,Kottathara,Vengap palliPanchayathsinWayanadDistrict	mvs - new	kwa	11103	12502	Vengappally	2223	2503.1	159
2077	Wayanad	G.O.(Rt)No.541/20 20/WRD	RWSSToPinnangode	mvs - new	kwa	300	65.7	Vengappally	300	65.7	200
2078	Wayanad	G.O.(Rt)No.489/20 21/WRD	JJMCWSSToMoopainad,MeppadiandVythiriPanchay athsinWayanadDistrict	mvs - new	kwa	17968	20277	Vythiri	3812	4302	154
2079	Wayanad	G.O.(Rt)No.541/20 20/WRD	RWSSToVythiri	mvs - new	kwa	450	141	Vythiri	450	141	300

## Annexure 11

## PPD Regional Office, Thiruvananthapuram

PPD Camp Office,Thiruvananthapuram				
Survey works conducted during 2021-22				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
1	Sewerage Survey at Neyyattinkara Municipality	April-2021	11.84	
2	Random Level checking survey at 19 priority wards in Thiruvananthapuram Municipal Corporation	June 2021 - November 2021	45.00	
3	Social and Sanitary Survey work conducted in Varkala Municipality (Zone I to Zone-IV)	June 2021 -December 2021	67.00	
4	Social and Sanitary Survey work conducted in Neyyattinkara Municipality (Zone I to Zone-III)	June-November 2021	128.00	
5	Total Station survey conducted at Karimodam Colony	February 2022		Length not taken.Survey taken for locating existing buildings,Manhole and road width as per request of AEE,sewerage Sub division Kuriyathy office.
6	Smart City Sewerage Survey at Pulimoodu Jn to East Fort and Uppalam road	February 2022	3.00	
7	Sewerage proposal at Kaaraly Lane near Chakka	March-2022	8.40	
8	DGPS Survey in Neyyattinkara Municipality (Outsourced work)	October-2021 - November-2021	128.00	Supervision
9	DGPS Survey in Varkala Municipality - (Outsourced work)	October-2021- November-2021	67.00	Supervision
Total Number of Survey Works -9 nos.				
PERs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects:			Nil
	Water Supply Projects:			Nil
Total Number of PERs prepared : NIL				
DPRs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			

1	SBM 2.0 -DPR for Sewerage Scheme to Varkala Municipality Zone I	Draft Submitted
2	SBM 2.0 -DPR for Sewerage Scheme to Varkala Municipality Zone II	Draft Submitted
3	SBM 2.0 -DPR for Sewerage Scheme to Varkala Municipality Zone III	Draft Submitted
4	SBM 2.0 -DPR for Sewerage Scheme to Neyattinkara Municipality Zone I	Draft Submitted
5	SBM 2.0 -DPR for Sewerage Scheme to Neyattinkara Municipality Zone III	Draft Submitted
	<b>Water Supply Projects:</b>	
1	CWSS to Aryanadu Uzhamalakkal Panchayaths	
<b>Total Number of DPRs prepared - 6 Nos</b>		

PPD Camp Office, Kollam				
Survey works conducted during 2021-22:				
Sewerage Projects				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
1	Sanitary survey and Social Survey for Kottarakkara Zone 1	April - September	50.00	completed
2	Sewerage survey Kottarakkara Municipality Zone 1	September - November	50.00	completed
3	Sanitary survey and Social Survey for Kottarakkara Zone 2	April - September	90.00	completed
4	Sewerage survey Kottarakkara Municipality Zone 2	September - November	90.00	completed
5	Sanitary survey and Social Survey forParavoor municipality Zone 1	April - September	49.00	completed
6	Sewerage survey Paravoor Municipality Zone 1	September - November	49.00	completed
7	Sanitary survey and Social Survey forParavoor municipality Zone 2	April - September	55.00	completed
8	Sewerage survey Paravoor Municipality Zone 2	September - November	55.00	completed
Total Number of Survey Works -8 nos.				
DPRs prepared during 2021-22:				
Sewerage Projects				
Sl. No.	Name of Project			Remarks
1	SBM 2.0 DPR for the construction of 2MLD STP, Network & Allied components in Kottarakkara Municipality Zone 1			Draft submitted
2	SBM 2.0 DPR for the construction of 3.5MLD STP, Network & Allied components in Paravoor Municipality Zone 1			Draft submitted
Total Number of DPRs prepared - 2Nos				

PPD Camp Office, Pathanmathitta				
Survey works conducted during 2021-22:				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
1	Sewerage Survey at Pandalam Municipality	44287	7.30	
2	Sewerage Survey at Thiruvalla Municipality	Apr-21	7.00	
3	Sanitary Survey work conducted in Pandalam Municipality	June-November 2021	190.00	
4	Sanitary Survey work conducted in Thiruvalla Municipality (Zone I)	June-November 2021	75.00	
5	Sanitary Survey work conducted in Thiruvalla Municipality (Zone II)	June-November 2021	130.00	
6	WSS to Thannithodu Panchayath (Pumping Main)	Jul-21	12.00	
7	Survey work in Thottapuzhassery Panchayath (Pumping Main)	44378	5.00	
8	Survey work in Mallappally Panchayath (Pumping Main)	Jul-21	3.00	
9	Survey work in Kadampanad Panchayath (Pumping Main)	Jul-21	3.00	
10	DGPS Survey in Pandalam Municipality (Outsourced work)	September, October-2021	180.00	Supervision
11	DGPS Survey in Thiruvalla Municipality -Zone I(Outsourced work)	September, October-2021	67.00	Supervision
12	DGPS Survey in Thiruvalla Municipality -Zone II (Outsourced work)	September, October-2021	114.00	Supervision
13	Survey work in Pampa	44531	4.00	
14	Survey work in Thannithodu Gramapanchayath for mini scheme	Jan-22	8.00	
15	Contour Survey for Plant site in Vechoochira, Chittar, Naranamoozhy, Adichiupuzha, Kottangal	Feb-22		
16	Survey work in Konni Taluk Hospital for sewerage network.	44593	1.00	
17	Survey work in Adoor ,Pandalam & Pathanamthitta municipalities	Ongoing		
Total Number of Survey Works -17 nos				
PERs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			
	Water Supply Projects:			
Total Number of PERs prepared: Nil				
DPRs prepared during 2021-22:				

Sl. No.	Name of Project	Remarks
	<b>Sewerage Projects</b>	
1	SBM 2.0 DPR for the construction of 5MLD STP, Network & Allied components at Pandalam Municipality	Submitted
2	SBM 2.0 DPR for the construction of 5MLD STP, Network & Allied components at Thiruvalla Municipality	Submitted
3	DPR of 50 KLD Sewerage Treatment Plant for Govt Taluk Hospital, Konni	Submitted
	<b>Water Supply Projects:</b>	
1	WSS to Aruvappulam Panchayath (Part) Laying Distribution Network in Wards I, II, XIV, XV	Submitted
<b>Total Number of DPRs prepared - 4Nos</b>		

PPD Camp office, Kottayam				
Survey works conducted during 2021-22:				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
1	WSS to Kidangoor, Kadaplamattom, Marangattupilly Panchayaths	44287	10.10 Km	As per request of EE, P H Dn, Kaduthuruthy
2	Erattupetta Municipality for sewerage works (Outsourced work)	Sep-21	92 Km	Supervision
3	Ettumanoor Municipality for sewerage works (Outsourced work)	Sep-21	272 Km	Supervision
Total Number of Survey Works: 3 nos.				
PERs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			
	Water Supply Projects:			
Total Number of PERs prepared: Nil				
DPRs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			
1	Erattupetta Municipality Zone 1			DPR submitted to Sewerage Circle. Kochi
2	Erattupetta Municipality Zone 3			DPR submitted to Sewerage Circle. Kochi
	Water Supply Projects:			
Total Number of DPRs prepared: 2nos				

Annexure 12  
PPD Regional Office, Kochi

Sewerage Circle, Kochi				
Survey works conducted during 2021-22:				
Sl. No.	Name of Project	Survey conducted on	length in km/ area	Remarks
1	Common effluent Treatment plant for Edayar in Ernakulam district	44409	18Km	DGPSsurvey conducted by external agency
2	Implimentation of Sewage system for Kochi corporation(17.5MLD) at Elamkulam in Ernakulam district	Aug-21	3.1162 hect	ETS survey conducted by sewerage circle Kochi
3	Implimentation of Sewage system for Aluva municipality in Ernakulam district	Sep-21	97 Km	DGPSsurvey conducted by external agency
4	Implimentation of Sewage system for Kalamassery municipality in Ernakulam district	Apr-22	96 Km	DGPSsurvey conducted by external agency
5	Implimentation of Sewage system for Haripad municipality in Alappuzha district	44621	85 Km	DGPSsurvey conducted by external agency
6	Implimentation of Sewage system for Ettumanoor municipality in Kottayam district	44470	272 Km	DGPSsurvey conducted by external agency
7	Implimentation of Sewage system for Erattupetta municipality in Kottayam district	Dec-21	92Km	DGPSsurvey conducted by external agency
8	Implimentation of Sewage system for Thodupuzha municipality in Idukki district	Sep-21	169Km	DGPSsurvey conducted by external agency
9	Implimentation of Sewage system for Kattapana municipality in Idukki district	Dec-21	85.3Km	DGPSsurvey conducted by external agency
10	Implimentation of Sewage system for Kochi corporation(15MLD) at Elamkulam in Ernakulam district	44621	2.2258hect	ETS survey conducted by sewerage circle Kochi
11	Implimentation of Sewage system for Kalamassery municipality in Ernakulam district	44621	.4047 hect	ETS survey conducted by sewerage circle Kochi
Total Number of Survey Works 11 Nos.				
PERs prepared during 2021-22:				

SI No.	Name of Project	Remarks
	<b>Sewerage Projects</b>	
	<b>Water Supply Projects:</b>	
<b>Total Number of PERs prepared</b>		
<b>DPRs prepared during 2021-22:</b>		
SI No.	Name of Project	Remarks
	<b>Sewerage Projects</b>	
1	Common effluent Treatment plant for Edayar in Ernakulam district	Industries Departments has given Rs 33 Lakhs to KWA towards DPR preparation charge. Administrative sanction has also accorded from the govt for the project
2	DPR for laying Sewerage network in Kochi corporation area for the unutilized capacity of existing 5 MLD plant at Elamkulam	DPR s was submitted and the estimate has to be prepared in price 3.
3	DPR for the construction of 5MLD STP at Elamkulam and Sewerage network in Kochi corporation	do
4	Implimentation of Sewage system for Aluva municipality in Ernakulam district phase 1(zone 1&2)	do
5	Implimentation of Sewage system for Kattapana municipality in Idukki district	do
6	Implimentation of Sewage system for Haripad municipality in Alappuzha district	do
7	Implimentation of Sewage system for Erattupetta municipality in Kottayam district	DPR not completed owing to nonresponse from the Municipality regarding Land acquisition and their willingness
8	Implimentation of Sewage system for Ettumanoor municipality in Kottayam district	do
9	Implimentation of Sewage system for Alappuzha municipality in Alappuzha district	do
10	Implimentation of Sewage system for Cherthala municipality in Cherthala district	do
	<b>Water Supply Projects:</b>	
<b>Total Number of DPRs prepared 6 Nos.</b>		

Annexure 13  
PPD Regional Office, Thrissur

Sewerage Circle , Thrissur				
Survey works conducted during 2021-22:				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
THRISSUR DISTRICT				
1	WSS to Poomala	44287	2.5 Kms, 40 Cent Contour Survey	Water Supply Works
2	WSS to Muriyad and Veloorkkara	Oct-21	6 Kms, 2 Acre Contour Survey	Water Supply Works
3	WSS to Mulayam	44470	1.5 Kms	Water Supply Works
4	50 KLD Sewage Treatment Plant for Central Prison & Correction Home, Viyyur.	Oct-21	1Km	Sewerage Woks
5	Topographic Survey using DGPS/ETS in Thrissur Corporation	44531	229 km	Cross checking of Survey works for Sewergae works done by by external agency
6	Topographic Survey using DGPS/ETS in Vadakkancherry Municipality	Jan-22	15 km	Cross checking of Survey works for Sewergae works done by by external agency
7	Social Survey for Sewerage Works in Thrissur Corporation	44531	229 km	Social survey conducted by PPD Camp office, Thrissur
8	Social Survey for Sewerage Works in Vadakkancherry Municipality	Jan-22	15 km	Social survey conducted by PPD Camp office, Thrissur
MALAPPURAM DISTRICT				
1	10 KLD Sewage Treatment Plant for Vettom CHC	44482	1.5 acre	Sewerage Woks
2	140 KLD Sewage Treatment Plant for Ponnani W&CCH	Sep-21	2.5 acre	Sewerage Woks
3	Topographic Survey using DGPS/ETS in Malappuram Municipality	44531	125.00	Cross checking of Survey works for Sewergae works done by by external agency
4	Topographic Survey using DGPS/ETS in Ponnani Municipality	Jan-22	125.00	Cross checking of Survey works for Sewergae works done by by external agency
5	Social Survey for Sewerage Works in Malappuram Municipality	44531	125.00	Social survey conducted by PPD Camp office, Malappuram
6	Social Survey for Sewerage Works in Ponnani Municipality	Jan-22	125.00	Social survey conducted by PPD Camp office, Malappuram
ERNAKULAM DISTRICT				
1	WSS to Angamally Municipality and adjoining Panchayaths-Balance work-Thuravoor Panchayath	44287	72 km	ETS survey conducted by PPD Camp office, Kochi

2	WSS to Vadavucode - Puthecruz, Poothrikka, Thiruvaniyoor, and Chottanikkara Panchayaths (Pumping Main)	Apr-21	30.1 km	ETS survey conducted by PPD Camp office, Kochi
3	WSS to Mazhuvannur, Aikkaranadu and Kunnathunadu Panchayaths	44317	36.65	ETS survey conducted by PPD Camp office, Kochi
<b>PALAKKAD DISTRICT</b>				
1	Topographic Survey using DGPS/ETS in Palakkad Municipality	44531	383 km	Cross checking of Survey works for Sewerage works done by external agency
2	Topographic Survey using DGPS/ETS in Pattambi Municipality	Jan-22	80 km	Cross checking of Survey works for Sewerage works done by external agency
3	Social Survey for Sewerage Works in Palakkad Municipality	44531	383 km	Social survey conducted by PPD Camp office, Palakkad
4	Social Survey for Sewerage Works in Pattambi Municipality	Jan-22	80 km	Social survey conducted by PPD Camp office, Palakkad
<b>Total No of survey works conducted: 21</b>				

## Annexure 14

### PPD Regional Office, Kozhikode

Sewerage circle, Kozhikode				
Survey works conducted during 2021-22:				
Sl. No.	Name of Project	Survey conducted on	length in km	Remarks
1	Chekkiyad – WSS to Kunnumal & adj. Pjs		10km	
2	WSS to Thurayur panchayath		8km	
3	EMS town hall – Koyilandy			Contour survey
				Rechecking of KSUDP sewerage survey and add
4	Kozhikode Corporation		38 km	additional road
5	Sewerage network system to Vatakara municipality		10km	Sewerage work
6	Mankara-Geotrack survey	19/04/2021-20/04/2021	47.00	
7	Attappadi-Geotrack survey	6/28/2021	80.00	
8	Kongad Survey	May-21	0.50	
9	Peruvembu Panchayath Geotrack survey	18/09/2021, 20/09/2021	70.00	
10	Pattambi- Geotrack survey	Oct-21	8.20	
11	Parali,Kottayi, Mathur survey	08/10/2021-13/10/2021(4days)	12.00	
12	Parali-Geotrack survey	10/22/2021	10.00	
13	Agali pumping main level checking	04/12/2021,07/12/2021	5.50	
14	Parali survey	Aug-22	2.16	
15	Cherpulassery-contour survey	44867	1acre 20cent	
16	Pattambi pumping main survey	Sep-22	5.00	
17	Lakkidi pumbing main survey	18/03/2022,19/03/2022	7.80	
18	Chalavara,Anaganadi contour survey	3/22/2022	34.25 cent	
19	Lakkidi contour survey	3/23/2022	10cent	
20	Cherpulassery-contour survey, kalikadavi c/s survey	3/24/2022	20.800cent, 0.112km	
21	WSS to Kondotty municipality	May-21	15 km	Water Supply work
22	WSS to Kondotty municipality- tank site	May-21	3km	Water Supply work
23	WSS to Kodur Panchayath		20 km	Water Supply work
24	Pumping main survey to TAVANUR JAIL	May-21	2 km	Water Supply work
25	WSS to Thanalur-Pumping Main	Jun-21	20 km	Water Supply work
26	WSS to trikalangode and porur-contour		40 cent	Water Supply work
27	WSS to Pandikad- PM geotrack survey		15 km	Water Supply work
28	WSS toValanchery -PM	Sep-21	25 KM	Water Supply work
29	WSS to Calicut university	44287	15 km	Water Supply work
30	Ramanchadi – Aligarh water supply project levels		2.5km	Water Supply work
31	WSS to Perinthalmanna- NH plotting	Feb-22	5 km	Water Supply work

32	WSS to Mampad	Mar-21	70 CENT	Water Supply work
33	WSS to Mampad -PM	Mar-21	3 km	Water Supply work
34	WSS to Thanur and adj pct-kunnumpuram tank site	44409	1 km, 30 cent	Water Supply work
35	WSS to Thanur and adj pct-Niramaruthur tank site	Oct-21	3 km, 30 cent	Water Supply work
Social survey for sewerage net work design				
36	Sewerage system to Kanhangad (M)	November	120.00	Social survey for sewerage net work design
37	Sewerage system to Kasaragod (M)	october	103.00	Social survey for sewerage net work design
38	Sewerage system to Payyannur Municipality	November	217.00	Social survey for sewerage net work design
39	Sewerage system to Thalassery Municipality	Thalassery	334.00	Social survey for sewerage net work design
40	Sewerage system to Kannur Corporation	January	274.00	Social survey for sewerage net work design
41	Sewerage system to Vatakara (M)	october	97 km	Social survey for sewerage net work design
42	Sewerage system to Koyilandy (M)	october	96 km	Social survey for sewerage net work design
43	Sewerage system to Sulthan Bathery (M) –	october	80 km	Social survey for sewerage net work design
44	Sewerage network system to Mananthavady (M)	October	80 km	Social survey for sewerage net work design
45	Sewerage system to Kozhikode corporation	March	320 km	Social survey for sewerage net work design
Total Number of Survey Works= 45				
PERs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			
NIL				
Sl. No.	Name of Project			Remarks
	Sewerage Projects			
	Water Supply Projects:			
Nil				
Total Number of PERs prepared – Nil				
DPRs/Designs prepared during 2021-22:				
Sl. No.	Name of Project			Remarks

	<b>Sewerage Projects</b>	
1	Sewerage system to Koyilandy (M) Ph II- Construction of 3MLD capacity sewerage Treatment plant and laying sewerage network to Zone II Koyilandy Municipality	DPR
2	Sewerage system to Sulthan Bathery (M) – Construction of 2MLD Capacity sewage Treatment plant and laying sewerage network	DPR
3	Sewerage system to Kanhangad (M) Ph.I- Construction of 7MLD capacity sewage treatment plant at Nilankara Vayal and laying sewerage network	DPR
4	Comprehensive sewerage system for Payyannur (M)	DPR
5	Sewerage system to Koyilandy (M) Ph.I- Construction of 4 MLD capacity sewage treatment plant and laying sewerage network to coastal zone	DPR
6	Sewerage system to Kasaragod (M) Ph.II- Construction of 4MLD capacity sewage treatment plant at Korakode Vayal and laying sewerage network	DPR
7	Sewerage system to Kasaragod (M) Ph.I- Construction of 4MLD capacity sewage treatment plant at Pachakkadu Thuruthu and laying sewage network	DPR
	<b>Water Supply Projects:</b>	
8	Thiruvallur panchayath	
9	Maniyur panchayath	Preliminary design based on GIS data
10	Ayancheri panchayath	
11	Cheruvannur panchayath	
12	WSS to Thiruvallur- Ayancheri scheme	Transmission main design
13	WSS to Augmentation of Thirur village, Narippatta panchayath	Transmission main design
14	WSS to Augmentation of Maruthonkara & Kavalumpara Panchayath	Transmission main design
15	WSS to Trikkaripur and adj Pj	Production & Distribution design
16	WSS to Mambad Panchayath	Production & Distribution design
17	WSS to Kasaragod & Chemnad Panchayath	Gravity main & Distribution design
18	WSS to Payyoli and adj pjs	Transmission main design
19	WSS to Aliparamba Panchayath (WARD 1,2,18, 19, 20, 21) from KIIFB Ramanchadi- AMU Scheme	Distribution design
20	1. Ulliyeri. Moodadi and adj 15 pjs	JJM
21	2. Karassery, Kodyathur, Koodaranji Omassery, Thiruvambadi pj	Transmission main design
22	3. Chathamangalam and adj 7pjs	
23	WSS to Azheekode Chirakkal and Valappattanam	Distribution design
24	WSS to Kottiyoor, Kelakam and Kanichar	Distribution design
25	WSS to Korambakkallu SC Colony in Peringom Vayakkara pj	Distribution design

26	Sewage treatment plant at EMS Memorial Municipal town hall, Koyilandy	
27	Effluent treatment plant for Perumba fishmarket in Payyannur(M)	DPR
28	Construction of sewage treatment plant at shopping complex cum multiplex theatre at Kallumutty, Iritty	Suchitwa mission
29	WSS to Peravoor and adj pjs	Deviation proposal approval
30	WSS to Kasaragod & Chemnad Panchayath	Distribution design
<b>Total Number of DPRs/ designs prepared – 30</b>		

## Annexure 15

### Details of Vigilance committee held during 2021-22

Sl. No	Date	Subject	Recommendations	Action Taken
1	13.04.2021	Complaint from Sri. Saravanan, Peerumedu construction of temporary bund	1) Decided to issue Memo of charges to Sri.K.Balakrishnan, AEE, Suma, D'man, Santhosh.K.N, J.S. 2) Decided to obtain explanation from despatch clerk. 3) Decided to issue minor penalty to Sri.Maneesh Mohan, AE	Memo of charges issued.
2	13.04.2021	Misappropriation of revenue money, Anithakumari	1) Decided to recover the total misappropriated amount with 18% interest from Anithakumari. 2) Decided to entrust FM & CAO to calculate interest. 3) Decided to finalise disciplinary action against Anithakumari by awarding major penalty of reduction of pension by 25%.	1) Show cause notice issued to Smt.Anithakumari for imposing Major Penalty. 2) U.O.Note issued to FM & CAO to calculate interest.
3	13.04.2021	complaint against Eldose, Meter Reader	1.Decided to reinstate Eldose in service after hearing. 2. Decided to obtain details from SE, Muvattupuzha regarding the loss.	1) Eldose was heard. 2) SE, Muvattupuzha has been directed to submit the details.
4	19.04.2021	Money misappropriation Mannarkkad	1)Decided to impose major penalty of barring one increment with cumulative effect for 3 years to Smt.Baby.P, OA and Sri.Biju.T.V, UDC. 2) Decided to recover interest equally from Biju.T.V and Baby.P 3) Decided to entrust FM & CAO to calculate the interest. 4) Decided to initiate disciplinary action against Sri.Anoop, AE and Sri.Noushad, LDC.	1) Based on MD's order showcause notice issued to Baby for imposing major penalty of termination. 2) Show cause notice issued to Sri.Biju.T.V. 3) Memo of charges issued to Noushad and Anoop. 4) U.O.Note issued to FM & CAO to calculate the interest.
5	19.04.2021	Renewal of BG of M/s.Thoshiba, Kozhikkode	Directed to collect the incumbency and due date of Bank Guarantee	Incumbency collected
6	19.04.2021	Complaint from Sri. Saravanan, Peerumedu construction of temporary bund	Discussed the matter	Further action taken in file No. 8619/VIG/2021/KWA
7	23.04.2021	Complaint from Smt.Vidhya Rajagopal	Decided to finalise the matter in accordance with the judgement in the court case	File transmitted to Establishment wing for further action.
8	23.04.2021	waterconnection to flats and multistoried buildings - Pathanamthitta	VC directed to verify the category of buildings	Action is ongoing.
9	10.06.2021	waterconnection to flats and multistoried buildings - Pathanamthitta	Hearing was conducted with Anil Kumar.G, AEE and directed to include the details of appeal of Sri.Harikumar and directed to place before next VC.	Placed before the VC on 16.05.2022
10	28.07.2021	Complaint from Smt.Vidhya Rajagopal	Decided to drop the case since the petitioner has withdrawn the court case.	File transmitted to Establishment wing to issue final orders and final orders issued from Establishment wing on 21.04.2022.
11	29.09.2021	WSS to Ponnani and adjoining villages - Acceptance of POA by other officer - Koyilandy municipality	1) To impose minor penalty of barring one increment without cumulative effect for 6 months to Sri.Prasad and Sri.M.K.Moideen Koya. 2) To collect the details from CE (NR) the very next day itself.	Based on VC recommendation final orders issued. Details are collected from CE(NR)

12	04.10.2021	Allegation against Sri.Eldose.M.J, Meter reader, Kothamangalam PH sub division	1) Sought legal opinion as it is registered as SC 493/13 in EKM district court 2) Rs.3,57,222/- should be recovered from Sri.Eldose 3) Explanation sought from officers responsible for entering wrong reading.	1) Legal opinion obtained and placed in the VC on 06.01.2022.  2) The decision taken were not accepted by MD and ordered to terminate Sri.Eldose from service.
13	04.10.2021	UIIDSMT - Ambalapuzha drinking water project - leak in main pipe line	Directed to submit detailed report after examining the office records by DCE, Vigilance.	File under process.
14	04.10.2021	Allegation against water connection at WSP section, Alappuzha	Directed to submit a detailed report.	File under process.
15	04.10.2021	Direct transfer of funds to the account of contractor instead of remitting to KFC	1) Decided to transfer Bindu.T.B, EE, K.G.Sheela.HC, Sibin.K.S, LDC 2) Decided to barring one increment for 2 years without cumulative effect in respect of Bindu.T.B,EE, M.Sukumar DA, K.G.Sheela,HC 3)Exonerated Mini.T.S, Higher grade D'man, A Sabitha, D'man, Sibin.K.S, LDC, Paulipeter, SE, Shamim.S.K, AO	Based on VC recommendation final orders issued.
16	07.10.2021	Re-instating subin k balan	Decided to extend the suspension period till final judgment received	Decision intimated to Deputy Chief Engineer (GL) for further action.
17	07.10.2021	criminal case against shajin prakash	Decided to collect the judgement and details of commuted leave.	AEE, Central sub division is directed to submit the details.
18	03.11.2021	NTA- Kanjiramkulam - corruption in maintenance work - complaint from Mohananchandran	Decided to collect a report from SE, TVPM	SE, TVPM is directed to submit the report.
19	03.11.2021	Irregularities in E-tendering Aluva PH dn.	No further action recommended	File closed.
20	03.11.2021	Irregularities in KIFFB tender at Malappuram.	Decided to impose minor disciplinary action	Show cause notice issued to the retired employees and memo of charges issued to the employees in service.
21	03.11.2021	Misappropriation of revenue money , by M M Sreekumar	1)Decided to continue disciplinary action against M M Sreekumar and decided to reinstate him in service. 2) Decided to remit the liability amount in 4 installment 3) Decided to finalise disciplinary action against Smt. Archana.K, AEE by barring one increment for 3 months without cumulative effect. 4)Decided to recover interest amount of Rs.22224 during the tenure of Smt.Sindhu and decided to finalise disciplinary action by barring one increment for 3 months without cumulative effect. 5)Decided to exempt Smt.Elizabeth .T from further disciplinary action.	Suspension in respect of M.M.Sreekumar revoked and reinstated in service with the direction to remit the liable amount in 4 installments  Proceedings issued to Smt.Archana.K, AEE
22	16.11.2021	Kasaragod PH Dn - Smt.Daisy, Smt.Anitha - allotment of quarters.	1) Decided to obtain explanation from Ramesh Babu EE & Sudeep, EE. 2)Decided to issue warning to Smt.Daisy and to Smt.Anithakumari.	Show cause notice issued to the EE's and warning issued to Smt. Daisy and Smt. Anitha Kumari

23	16.11.2021	Death of Sri. Dileesh.S.P, JS	1) Decided to take further action based on Police enquiry 2) Directed to inspect all financial transactions of Central Sub Division from 2019 by IA wing. 3) Directed DBA to update software for verifying helpline cash counter collection by AE /HC of Palayam revenue sn. 4) Decided to initiate disciplinary action against officers responsible for late remittance of money in bank. 5) Directed to fill in the vacancies of LDC and OA in Central sub division.	As per recommendation 2,3,5,U.O.Note issued to FM & CAO, DBA & CE (HRD &GL) respectively.
24	13.12.2021	Local audit report of PH dn South - misappropriation of 65687/-	1) Decided to direct FM & CAO to calculate the interest and to recover the amount including interest from incumbents. 2) Decided to take disciplinary action against Sri.Abhilash barring increments for 3 months without cumulative effect.	1) U O Note issued to FM & CAO 2) Memo of Charges issued to Sri.Abhilash
25	13.12.2021	Misappropriation of revenue money - Pongumoodu www sub dn.	1) Decided to recover the liable amount with interest from Darwin and to continue disciplinary action against him. 2) Recommended to initiate disciplinary action against responsible staff of sub division.	Incumbency details collected
26	22.12.2021	Allegation against Sunilkumar, AEE, Sewerage sub division, Pallimukku	1) Decided to exempt Sri.Sunilkumar, AEE from further action. 2) Decided to transfer the file to CE (HRD &GL) to implement VACB recommendation No.2 3) Decided to direct CE (CR) Kochi to include all drainage connection in ABACUS	1) Direction given to Establishment wing to implement VACB recommendation. 2) Direction given to CE (CR)
27	06.01.2022	Allegation against Sri.Eldose.M.J, Meter reader, Kothamangalam PH sub division.	1) Decided to reinstate Eldose and to recover loss from him. 2) Disciplinary action recommended against officers responsible for wrong entry of reading (for giving passwords)	Recommendation not approved by Managing Director
28	06.01.2022	Delay for issuing plumbing licence from EE, Irinalakkuda - Complaint from Tomy.K	No further action recommended	No Action
29	06.01.2022	Swindling of KWA water charges - Mannarkkad.	1) Decided to recover the interest amount from Biju & Baby. 2) Barring one increment with cumulative effect for 3 years for Biju. 3) Barring one increment without cumulative effect for 3 months for Anoop & Noushad. 4) Decided to terminate Smt.Baby, OA	File under process.
30	06.01.2022	Road accident - Ambalappuzha - Thiruvalla Road	1) Decided to transfer Leena.P.P, AE, Jacob.P.J, Overseer, Ben Bright, AE, Noorjahan, AEE and to impose major penalty to the above officers. 2) Decided to impose major penalty to Sri. Sunil Kumar.C.V, EE. 3) To collect the incumbency details of other officers and to issue show cause notice to them.	1) Memo of charges issued. 2) Memo of charges issued. 3) EE, PH Dn, Alappuzha has been directed to submit the details.
31	20.01.2022	Kumali plant - allegation against permanent staffs	Decided to issue minor penalty of censure to 4 officers.	Final orders issued
32	20.01.2022	Complaint from Latheef against AEE,Balakrishnan	1) Decided to recommend minor penalty censure to AEE, Balakrishnan. 2) No further action recommended.	Memo of charges issued in file No. 8619 in this case.
33	20.01.2022	Complaint against Sri.Balakrishnan, AEE	1) Decided to recommend minor penalty censure to AEE, Balakrishnan. 2) No further action recommended.	Memo of charges issued in file No. 8619 in this case.

34	20.01.2022	Complaint from Latheef .K.S regarding delay in bill payment of work.	1) Decided to recommend minor penalty censure to AEE, Balakrishnan. 2) No further action recommended.	Memo of charges issued in file No. 8619 in this case.
35	30.01.2022	complaint against Eldose, Meter Reader	Decided to terminate him from service	File transmitted to Establishment wing for further action.
36	31.01.2022	criminal case Subin K Balan	Decided to continue the suspension	File under process.
37	31.01.2022	Jeemon - unauthorised absence	AO, PHC, Kottayam is entrusted to submit the Enquiry Report	1) AO, PHC, Kottayam is directed to submit the Enquiry Report 2) Enquiry Report submitted.
38	09.02.2022	Irregularities in KIIFB tender - Malappuram	Decided to finalise disciplinary proceedings initiated against the officers	File transmitted to Establishment wing for further action.
39	04.03.2022	Drinking water connection - reg. Complaint from Sri.Suresh kumar	1) Directed Kanjiramkulam subdivision to form a committee and furnish reports. 2) Decided to exempt Sri.Mohanana, AE (Rtd) from further action.	Letter issued to AEE to form Committee

### Details of Pending Vigilance cases and its status 2021-2022

Sl. no	VC No.	Case registered against	Status
<b>Registered during the year 2021-22</b>			
1	VC 2/2021	Sri.John Koshy, EE, PH DN, TVPM	suspended from service, prosecution sanction issued.
2	VC 9/2021/TSR	Sri.P P Ajith kumar, EE	Investigation under process
3	VC 2/2022	Sri.Sunilkumar.E.T, AE	suspended from service
<b>Registered upto 2021</b>			
1	VC 04/14 EKM	Sri.Varghese.M Samuel (Rtd EE)	pending (prosecution sanction not required because the employee retired)
2	VC 5/13 IDK	Sri.M N Suresh, EE (Rtd) Sri.J Valsamma, AEE (Rtd) Sri.E.R. Mohanan, AEE (Rtd) Sri.D.Chandrababu, AEE	prosecution sanction issued by Government
3	VC 5/15/SCE	Sri.E.N.Surendran Sri.P.C.Thomas Panicker, CE(CR) Sri.A.K.Remani, SE Sri.Mathew Philip, EE Sri.N.Shamsudeen, EE Sri.V.M.Praveenkumar, EE Sri.T.S.Mani, AEE Sri.C.V.Benni, AE	Enquiry in progress
4	VC 11/10/PKD	Vigilance case against the officials of KWA in implementation of works	Sri.V.M.Praveenkumar expired
5	VC 2/16/SIU - II	Sri.Renjithkumar J S, Overseer Gr.III	Memo issued from Government
6	VC 2/12/SRT	Sri.Radhakrishnan.D, AEE (Rtd) Sri.Babu.A, AE (Rtd) Sri.Premachandran Nair,Overseer Gr.III (Rtd.)	prosecution sanction issued
7	VC 4/10/KTM	Sri.Subramanyan.R, AEE (Rtd) Sri.Gopalakrishna pillai, AE (Rtd)	prosecution sanction issued
8	VC 2/2001/ERK	Sri.Sureshkumar.C, AEE (Rtd) Sri.K.K.Raman, AE (Rtd)	Expired
		Sri.Santhosh Philip DA (Rtd)	prosecution sanction issued.

10	VC 2/14/SRT	Sri.Kunjumon,JS (Rtd)	prosecution sanction issued.
		Sri.Raveendran Nair.K, AEE (Rtd)	permission sought for from Government to recover the liability amount from the pensioners
		Sri..P.Madhavan Pillai, AEE (Rtd)	
11	VC 9/98/SIU	Sri.Lingon, AEE (Rtd)	
		Sri. Devakumar, AEE (Rtd)	
		Sri.Govinda prasad, EE (Rtd)	
12	VC 2/2020/ERK	Ajith K Thankachan, AEE	prosecution sanction issued
13	VC 3/2015/KTM	Sri.T M Manual, Surveyor	prosecution sanction issued

#### Details of disciplinary actions taken in Vigilance wing during 2021-22

Sl. No	Name & Designation	Present Status	Action Taken
1	Abhilash.S.J, HC	Disciplinary Action is Pending	Memo of charges issued
2	Aneesh Kumar.S, Overseer Gr III	Disciplinary Action is Pending	Memo of charges issued
3	Abdul Basheer.T.K, AO	Disciplinary Action finalised	
4	Aji Kumar.L, AE	Disciplinary Action finalised	
5	Arun, AE	Disciplinary Action is Pending	Memo of charges issued
6	Bindu Chandran, D'man I	Disciplinary Action is Pending	Memo of charges issued
7	Bindu.D.S, Overseer	Disciplinary Action finalised	
8	Ben Bright, AE	Disciplinary Action is Pending	Memo of charges issued
9	Balakrishnan.K, AEE	Disciplinary Action is Pending	Memo of charges issued
10	Deepthilal.B.L,AE	Disciplinary Action finalised	
11	Faisal, AE	Disciplinary Action is Pending	Memo of charges issued
12	Jacob.P.J, Overseer	Disciplinary Action is Pending	Memo of charges issued
13	Leena.P.P, AE	Disciplinary Action is Pending	Memo of charges issued
14	Noorjahan, AEE	Disciplinary Action is Pending	Memo of charges issued
15	Rajani.R,Overseer Grade III	Disciplinary Action is Pending	Memo of charges issued
16	Sreelekha.R, AE	Disciplinary Action is Pending	Memo of charges issued
17	Scaria Mathew, D'man	Disciplinary Action is Pending	Memo of charges issued
18	Sunil Kumar.C.V, EE	Disciplinary Action is Pending	Memo of charges issued
19	Santhosh.K.N, JS	Disciplinary Action is Pending	Memo of charges issued
20	Suma.C.M, D'man	Disciplinary Action is Pending	Memo of charges issued
21	Renjith.K.P, OA	Disciplinary Action is Pending	Memo of charges issued
22	Sulfikar.Y, OA	Disciplinary Action is Pending	Memo of charges issued
23	Sajitha S Kumar, Typist	Disciplinary Action is Pending	Memo of charges issued

24	Anilkumar.P.T, JS	Disciplinary Action is Pending	Memo of charges issued
25	Ragesh Kumar.K.A, RO	Disciplinary Action is Pending	Memo of charges issued
26	Elizabeth.T, HC	Disciplinary Action is Pending	Memo of charges issued
27	Archana.K, AEE	Disciplinary Action finalised	
28	Sindhu.S, HC	Disciplinary Action is Pending	Memo of charges issued
29	Nelson.P, AEE	Disciplinary Action is Pending	Memo of charges issued
30	Prasad.V, SE	Disciplinary Action finalised	
31	Rajesh.B.S, AEE	Disciplinary Action finalised	
32	Noufal.T.V., AEE	Disciplinary Action is Pending	Memo of charges issued from Govt.
33	Sharath.K.P, AE	Disciplinary Action is Pending	Memo of charges issued from Govt.
34	Prem Bahadur Khadka, MR	Disciplinary Action is Pending	Memo of charges issued from Govt.
35	Bushra Beevi, JS	Disciplinary Action is Pending	Memo of charges issued from Govt.
36	Renjith kumar.J.S, D'man	Disciplinary Action is Pending	Memo of charges issued from Govt.
37	Jollykutty.G, AE	Disciplinary Action is Pending	Memo of charges issued from Govt.
38	Prem Nadh.G, Overseer III	Disciplinary Action is Pending	Memo of charges issued from Govt.
39	Shylaja.S, Overseer III	Disciplinary Action is Pending	Memo of charges issued from Govt.
40	J.Sreejitha, Overseer III	Disciplinary Action is Pending	Memo of charges issued from Govt.
41	Sreekumar, D'man I	Disciplinary Action is Pending	Memo of charges issued from Govt.
42	S.Sethunath, D'man II	Disciplinary Action is Pending	Memo of charges issued from Govt.
43	Abdul Sathar, Plumbing Inspector	Disciplinary Action is Pending	Memo of charges issued from Govt.
44	Heeralal.S.MR, Meter Reader	Disciplinary Action is Pending	Memo of charges issued from Govt.
45	B. Inshad, Fitter	Disciplinary Action is Pending	Memo of charges issued from Govt.
46	Jithesh Bose, Driver Grade I	Disciplinary Action is Pending	Memo of charges issued from Govt.

#### Details of disciplinary actions taken Establishment Vigilance during 2021-22

Sl No	Year	District	Allegatiions	Accused Officer	Memo/Show Cause	Present Status
1	2022	Thrissur	Delay in Redressal of geievance	Suresh G,AE	Showcause issued on 27.01.2022	Placed in VC-31.5.2022
2	2020	Alappuzha	illegaly travelling abroad	Sheeba,Overseer	Memo issued on 21.04.2021	Placed in VC-12.8.2021
3	2022	Kasargode	Amnesty Scheme -One day salary deduction	Govindan Namboodiri,AEE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
4	2022	Kasargode	Amnesty Scheme -One day salary deduction	Amrit Raj B,EE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
5	2022	Kasargode	Amnesty Scheme -One day salary deduction	Satheesan A V.LDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
6	2022	Kasargode	Amnesty Scheme -One day salary deduction	Prasad M G,DAO	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
7	2022	Kasargode	Amnesty Scheme -One day salary deduction	Prasobh P,D'man Gr I	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
8	2022	Kasargode	Amnesty Scheme -One day salary deduction	Preetha P,LDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures

9	2022	Kasargode	Amnesty Scheme -One day salary deduction	Syamala E P,LDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
10	2022	Kasargode	Amnesty Scheme -One day salary deduction	Pavithra Mohanan V,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
11	2022	Kasargode	Amnesty Scheme -One day salary deduction	Jayaraj T,AE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
12	2022	Kasargode	Amnesty Scheme -One day salary deduction	Deepa T V,LDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
13	2022	Kasargode	Amnesty Scheme -One day salary deduction	Surendran M V,MI	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
14	2022	Kasargode	Amnesty Scheme -One day salary deduction	Suku M,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
15	2022	Kasargode	Amnesty Scheme -One day salary deduction	Raghu T,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
16	2022	Kasargode	Amnesty Scheme -One day salary deduction	Gireesh Babu K,AEE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
17	2022	Kasargode	Amnesty Scheme -One day salary deduction	Vinod V P,HC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
18	2022	Kasargode	Amnesty Scheme -One day salary deduction	madhu N,AE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
19	2022	Kasargode	Amnesty Scheme -One day salary deduction	Deeja K M,D'man Gr II	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
20	2022	Kasargode	Amnesty Scheme -One day salary deduction	Sukumara M,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
21	2022	Kasargode	Amnesty Scheme -One day salary deduction	Vidhula P V,Overseer Gr III	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
22	2022	Kasargode	Amnesty Scheme -One day salary deduction	Shiba C C,UDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
23	2022	Kasargode	Amnesty Scheme -One day salary deduction	Daisy V I,AE	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
24	2022	Kasargode	Amnesty Scheme -One day salary deduction	Vijayan C K,D'man Gr I	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
25	2022	Kasargode	Amnesty Scheme -One day salary deduction	Madhu B K,Overseer Gr III	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
26	2022	Kasargode	Amnesty Scheme -One day salary deduction	Nisha Anna Xavier,Overseer Gr III	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
27	2022	Kasargode	Amnesty Scheme -One day salary deduction	Abdul Jameel,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
28	2022	Kasargode	Amnesty Scheme -One day salary deduction	Ravi Kumar M , MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
29	2022	Kasargode	Amnesty Scheme -One day salary deduction	VenuGopala K V,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
30	2022	Kasargode	Amnesty Scheme -One day salary deduction	Vinod Kumar A,MR	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
31	2022	Kasargode	Amnesty Scheme -One day salary deduction	Rajith P V, UDC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
32	2022	Kasargode	Amnesty Scheme -One day salary deduction	Krishnan K ,HC	Show Cause issued on 02.11.2022	Govt issued order to freeze the procedures
33	2021	Tvpm	Irresponsible behaviour	Jagajeevan V (Telephone Operator)	Memo issued on 22.10.2021	Placed in VC
34	2021	Kozhikode	Non joining duty	Ajith K Thankachan(AEE)	Memo issued on 22.10.2021	Placed in VC
35	2021	Tvpm	Non attending duty	Ajithkumar V S (D'man)	Memo issued on 06.09.2021	Placed in VC
36		Tvpm	Non attending duty	Rajesh B Kannan (AE)	Memo issued on 06.09.2021	Placed in VC
37	2021	Tvpm	Irresponsible behaviour	Biju Raj B (Overseer G.III)	Memo issued on 03.09.2021	VC recommendation is put up for MD's Approval
38	2022	Tvpm	Irresponsible behaviour	Gopikrishnan (Driver)	Memo issued on 27.01.2022	Finalised
39	2022	Tvpm	Irresponsible behaviour	Praveen I U (Driver)	Memo issued on 17.01.2022	Placed in VC
40	2022	Tvpm	Delay in resolving complaints	Anshad (AE) (incharge)	Showcause notice issued on 28.01.2022	Finalised
41	2022	Tvpm	Delay in resolving complaints	Balagopal P (AE)	Showcause notice issued on 28.01.2022	Finalised
42	2022	Tvpm	Irresponsible behaviour	Jithu Krishnan J (LDC)	Showcause notice issued on 03.02.2022	Placed in VC
43	2022	Tvpm	Delay in auction	Narayanan Namboodhiri T V(Executive Engineer)	Showcause notice issued on 31.01.2022	Finalised
44	2022	Pathanamthitta	Delay in auction	Thulaseedharan T (Executive Engineer)	Showcause notice issued on 31.01.2022	Finalised
45	2022	Tvpm	Delay in auction	Noushad A (Executive Engineer)	Showcause notice issued on 31.01.2022	Finalised
46	2022	Tvpm	Delay in auction	Chandrakumar C R (Executive Engineer)	Showcause notice issued on 31.01.2022	Finalised
47	2022	Tvpm	Delay in submitting DCB	Shijith V (FM & CAO)	Showcause notice issued on 14.02.2022	Finalised
48	2022	Tvpm	Delay in submitting DCB	Subhashkumar AO)	Showcause notice issued on 14.02.2022	Finalised

49	2022	Tvpm	Delay in submitting DCB	V G Joseph (SS)	Showcause notice issued on 14.02.2022	Finalised
50	2021	Kollam	Related to JJM Works	Sajeer P M (AEE)	Memo issued on 15.04.2021	Finalised
51	2021	Kollam	Related to JJM Works	Pushpa N (AE)	Memo issued on 15.04.2021	Finalised
52	2021	Kollam	Related to JJM Works	Archana K (AEE)	Memo issued on 15.04.2021	Finalised

**In addition to this, prosecution sanction has been issued by Government to the following incumbents during 2021-22**

<b>Sl. No.</b>	<b>Name &amp; Designation</b>
1	Santhosh Philip, RO (Rtd)
2	Radhakrishnan.D, AEE (Rtd)
3	Premachandran Nair, Overseer (Rtd)
4	Babu.A, AE (Rtd)
5	Kunjumon, JS (Rtd)

## ABBREVIATIONS

1.	ADB	Asian Development Bank
2.	ARP	Accelerated Rural Project.
3.	ARWSS	Accelerated Rural Water Supply Scheme.
4.	AS	Administrative Sanction
5.	ASAP	Additional Skill Acquisition Programme
6.	AUWSS	Accelerated Urban Water Supply Scheme.
7.	CPHEEO	Centre for Public Health Engineering & Environmental Organization
8.	CARWSS	Centrally Sponsored Accelerated Rural Water Supply Schemes
9.	CSC	Common Service Center
10.	CW	Clear Water
11.	CWEd	Center For Water Education
12.	CWPM	Clear Water Pumping Main
13.	CWPS	Clear Water Pumping Station
14.	CWSS	Comprehensive Water Supply Scheme.
15.	DER	Detailed Engineering Report.
16.	DRW	Drought Relief Work.
17.	DBA	Data Base Administrator.
18.	EABACUS	Enhanced Advanced Billing, Accounting & Collection Utility System
19.	GIS	Geographic Information System
20.	GoI	Government of India
21.	HUDCO	Housing & Urban Development Corporation.
22.	IMIS	Integrated Management Information System.
23.	IPD	Investigation, Planning and Design.
24.	JICA	Japan International Co-operation Agency
25.	JBIC	Japan Bank for International Cooperation
26.	JNNURM	Jawaharlal Nehru National Urban Renewal Mission
27.	KIIFB	Kerala Infrastructure Investment Fund Board
28.	KWSP	Kerala Water Supply Project
29.	KRWSA	Kerala Rural Water Supply and Sanitation Agency
30.	KSIDC	Kerala State Industrial Development Corporation
31.	KSUDP	Kerala Sustainable Urban Development Project
32.	LAC	Legislative Assembly Constituency
33.	LAC ADF	Legislative Assembly Constituency Asset Development Fund
34.	LCS	Low Cost Sanitation.
35.	LIC	Life Insurance Corporation
36.	LSGD	Local Self Government Department
37.	MARCH	Monitoring Accounting & Reporting By Centralized HR System
38.	MLD	Million Litres per Day
39.	NABARD	National Bank for Agriculture and Rural Development
40.	NC / PC	Not Covered / Partially Covered
41.	NeGP	National e-Governance Plan
42.	NRDWP	National Rural Drinking Water Programme
43.	NIT	Notice Inviting Tender
44.	NPS	National Pension System
45.	O&M	Operations and Maintenance
46.	OD	Overdraft
47.	OHSR	Over Head Service Reservoirs
48.	ORWS	Other Rural Water Supply.
49.	PER	Preliminary Engineering Report.
50.	PHD	Public Health Division

51.	PMU	Project Management Unit.
52.	PPD	Project Planning and Development
53.	PS&GL	Personal & General.
54.	PRA	Permanent Retirement Account
55.	PFRDA	Pension Fund Regulatory and Development Authority
56.	PURA	Provision of Urban Amenities to Rural Area
57.	PVC	Polyvinyl chloride
58.	RCC	Reinforced Cement Concrete
59.	RIDF	Rural Infrastructure Development Fund
60.	RW	Raw Water
61.	RWPM	Raw Water Pumping Main
62.	RWSS	Rural Water Supply Scheme
63.	SAAP	State Annual Action Plan
64.	SAARK	Special Assistance Against Recession in Kerala
65.	SAGY	Saansad Adarsh Gram Yojana
66.	S&P	Store and Purchase
67.	SCP	Special Component Plan.
68.	SDC	Sector Development Cell
69.	SLSSC	State Level Schemes Sanctioning. Committee
70.	SSDG	State Service Delivery Gateway
71.	STP	Sewage Treatment Plant
72.	TAC	Training Advisory Committee
73.	TCC	Total Cash      Compensation
74.	TSP	Tribal Sub Plan
75.	TSS	Trivandrum Sewerage Scheme
76.	TW	Treated Water
77.	TWSS	Trivandrum Water Supply Scheme
78.	UIDSSMT	Urban Infrastructure Development Scheme for Small and Medium Towns
79.	ULB	Urbal Local Bodies
80.	UWSS	Urban Water Supply Scheme
81.	WASCON	Water And Sanitation Consultancy Wing
82.	WB	World Bank.
83.	WBP	World Bank Project.
84.	WGDP	Western Ghat Development Programme.
85.	WS	Water Supply
86.	WSS	Water Supply Schemes.
87.	WTP	Water Treatment Plan