

**10th STATE LEVEL HIGH POWERED STEERING COMMITTEE
(SHPSC)**

**ATAL MISSION FOR REJUVENATION and URBAN TRANSFORMATION
(AMRUT 2.0)**

AGENDA



Date: 07.02.2025 at 3.00 PM

VENUE: COMMITTEE ROOM OF THE CHIEF SECRETARY



Local Self Government Department, Government of Kerala

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Agenda Item No.10.1: CONFIRMATION OF MINUTES OF THE 9th MEETING OF SHPSC:

The minutes of the 9th SHPSC meeting of AMRUT 2.0 held on 02th August 2024 is enclosed as **Annexure –1**.

Decision to be Taken: The Committee may confirm the minutes of the 9th SHPSC meeting.

Agenda Item No.10.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 9th SHPSC MEETING OF AMRUT

2.0

Item	9 th SHPSC Decision	Action taken
<i>8th SHPSC</i>		
Agenda Item No.8.3: PROGRESS OF AMRUT 2.0	<p><i>Kasargod Development Package:</i></p> <ul style="list-style-type: none"> ❖ <i>KWA informed that a comprehensive scheme for Kasargod district including Neeleswaram and Kanjangad ULBs with a mini dam worth ₹ 600 Cr. has been submitted to the Government for JICA funding. As such, due to the limitation of the AMRUT fund, the Committee decided to drop the proposal for Kasaragod water supply project from AMRUT.</i> <p><i>Appointment of Administrative Officer & Accounts Officer-</i></p> <ul style="list-style-type: none"> ❖ <i>The Committee decided not to fill the positions of Administrative Officer & Accounts officer due to the additional financial burden.</i> <p><i>Setting up of PMU for KWA:</i></p> <ul style="list-style-type: none"> ❖ <i>KWA informed that a revised proposal for KWA volunteers for AMRUT 2.0 works has been resubmitted.</i> ❖ <i>The Committee instructed the Mission Director AMRUT to examine the same and finalize.</i> 	<ul style="list-style-type: none"> ❖ GO cancelling the positions of Administrative Officer & Accounts officer have been issued. ❖ Regarding the selection of Volunteers in KWA, vide letter No. SMMU/48/2024-MFE dated 15.10.2024, KWA has been asked to proceed with the necessary actions to facilitate interns' recruitment. ❖ Estimate from the KWA is awaited.
Agenda Item No. 8.9: AMRUT 2.0 - SANCTION FOR THE RELEASE OF ₹ 10 Cr. UNDER THE REFORM INCENTIVE COMPONENT OF THIRUVANANTHAPURAM CORPORATION	<p><i>The Committee suggested a separate meeting by the Principal Secretary LSGD with the Principal Secretary, Water Resources department, MD KWA, MD AMRUT and Secretary Thiruvananthapuram Corporation to finalize a viable proposal.</i></p>	<ul style="list-style-type: none"> ❖ Based on the meeting convened by the Principal Secretary, LSGD, a letter was sent to the Secretary, Thiruvananthapuram Corporation asking for confirmation to share the incentive amount with the Kerala Water Authority. ❖ As per the letter No. E7/E13/38658/2016-VOL 2 dated 04/11/2024, the Mayor, Thiruvananthapuram Corporation informed that, they are not in a position to share the reform incentive with KWA and requested to release the amount(10Cr) to Thiruvananthapuram Corporation for implementing the flood mitigation projects at the earliest. <p>The 13th SLTC Recommendations:</p> <ul style="list-style-type: none"> ❖ SLTC reviewed the letter from the Mayor of Thiruvananthapuram Corporation and made the

Item	9 th SHPSC Decision	Action taken
		<p>following observations (Minutes of the 13th SLTC is attached as Annexure 2)</p> <ul style="list-style-type: none"> ● 75% of the incentive amount may be allocated for Drainage Planning and Water Conservation measures including urban flood prevention. ● 25% of the incentive amount may be allocated for property Tax Mapping through Drone Based Survey/Other latest technologies and Reduction in Non-Revenue Water (Introduction of Smart Elements) of Thiruvananthapuram Corporation. <p>The SHPSC may take a suitable decision on the observation of SLTC for the release of 10Cr (Reform incentives) and its utilization.</p>
<p>Agenda Item No. 8.11: AMRUT REFORM INCENTIVES - DISTRIBUTION TO ULBs</p>	<ul style="list-style-type: none"> ❖ The Committee noted the action taken. ❖ As decided in the 8th SHPSC, the Committee directed MD, KWA to submit the proposal for an amount of Rs.50 Lakhs for procuring machinery and software as part of NRW reduction at the earliest. 	<ul style="list-style-type: none"> ❖ Under the AMRUT guidelines, reform incentives can be utilized for implementing the reforms. However, the details in the proposal given by KWA are incomplete in nature. Therefore, a letter was sent to the Managing Director, KWA to provide a comprehensive proposal that includes details of the zones and justification for the NRW reduction. <p>The 13th SLTC Recommendations:</p> <ul style="list-style-type: none"> ❖ 13th SLTC observed that the project period for AMRUT Phase 1 was already completed in December 2024. Therefore, clarification from MoHUA is required for the utilization of reform incentives. ❖ KWA has submitted a revised proposal on 31.01.2025.
<p>Agenda Item No.8.16: AMRUT 2.0 - TAKING UP OF ALTERNATIVE PROJECTS UNDER SWAP 1&2 FOR THE PROJECTS SHIFTED TO AMRUT 1.0</p>	<ul style="list-style-type: none"> ❖ The Committee authorized the Mission Director to submit the cancellation request of 41 AMRUT 2.0 projects in SWAP 1 worth ₹ 193.569 crore to the APEX Committee of MoHUA ❖ The Committee decided to cancel the list of projects to substitute with the cancelled projects approved by the 8th SHPSC. 	<ul style="list-style-type: none"> ❖ The APEX Committee of MoHUA in its 11th meeting held on 23rd September 2024 agreed to the cancellation of projects.

Item	9 th SHPSC Decision	Action taken
9th SHPSC		
Agenda Item No.9.3: PROGRESS OF AMRUT 2.0	<ul style="list-style-type: none"> ❖ <i>The progress of AMRUT 2.0 was reviewed in detail by the Committee. KWA and ULBs were directed to expedite their efforts and ensure timely expenditure. KWA committed to issuing all the remaining TS by the end of August 2024. ULBs were directed to issue all pending Technical Sanctions (TS) and expedite the KWA committed to issuing all the remaining TS by the end of August 2024.progress. It was emphasized that any further delays in the commencement of AS-issued projects would lead to the cancellation of the projects from the AMRUT scheme.</i> ❖ <i>All the ULB Secretaries were instructed to ensure to make corresponding ULB share against expenditure timely.</i> ❖ <i>The finance department was instructed to take urgent steps to issue relevant Government Orders permitting the indemnity bond instead of a Bank Guarantee, where the KWA would undertake road restoration directly and also the GO to permit road cutting during the Defect Liability Period considering the importance of a centrally sponsored scheme for the timely completion. The Chair instructed the Mission Director AMRUT and the Joint Managing Director KWA to follow up with the PWD and Finance departments.</i> ❖ <i>The Principal Secretary of LSGD has informed that on July 22, 2024, a meeting was held with the Secretary of MoHUA and MoRTH at Delhi to address issues regarding road-cutting NOCs from the Ministry of Road Transport and Highways (MoRTH) and the NHAI. The Chair has instructed the Mission Director of AMRUT to prepare a detailed note for submission to the MoRTH.</i> ❖ <i>KWA has agreed to take over and implement the water supply projects under the AMRUT scheme for Pattambi Municipality.</i> ❖ <i>The Secretaries of Kottarakkara and Guruvayur Municipalities were instructed to resolve the issues in the land acquisition at the earliest. It was emphasized that any further delays would lead to the cancellation of the projects from the AMRUT scheme.</i> ❖ <i>The Committee noted the Capacity Building initiative and accorded sanction to the Mission Director to conduct the Capacity Building Programme to the CMMU and SMMU Officials through CMD, Thiruvananthapuram.</i> 	<ul style="list-style-type: none"> ❖ Progress is included in Agenda 10.3 ❖ Government Orders are still pending permitting the indemnity bond instead of a Bank Guarantee, where the KWA would undertake road restoration directly and also the GO to permit road cutting during the Defect Liability Period ❖ Land Issues: <ol style="list-style-type: none"> 1. Land registration completed for the proposed land of OHSR in Kottarakkara Municipality. 2. Guruvayur- Permissive sanction for 10 cent land and land for laying pipes to OHSR required. Guruvayur Dewaswom provided the permissive sanction based on the condition that Guruvayur Dewaswom should get water from KWA for free of cost. ❖ Capacity Building Programme: A three-day residential training program focused on "Personal Excellence to Professional Excellence" was held at Tea County, Munnar, for AMRUT officials from November 13 to November 16, 2024. The program employed an innovative approach, incorporating experiential learning through both indoor and outdoor activities. By participating in hands-on, experience-based exercises, individuals and teams gained a deeper understanding of themselves, their motivations, and how to effectively collaborate within team environments. These exercises covered key areas such as Leadership, Team Management, Communication & Interpersonal Skills, Time Management, and Motivation, helping participants develop the ability to adapt, grow, and succeed as teams. The training sessions encompassed both management skills and technical aspects.
❖ Agenda Item No. 9.4: WATER SUPPLY PROJECTS		
Agenda Item No.9.4.1: ADMINISTRATIVE	❖ <i>The committee accorded Administrative Sanction for AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase- 1 for an amount of ₹ 20.60 Cr. (CAPEX- ₹ 20 Cr. & O&M-</i>	❖ In the 13th SLTC Meeting, the KWA agreed to issue the TS before the end of January 2025.

Item	9 th SHPSC Decision	Action taken
<p>SANCTION OF WATER SUPPLY PROJECT- AMRUT 2.0 - WSS TO ERATTUPETTA MUNICIPALITY- ZONE1; PHASE- 1 UNDER SWAP 2 OF THE ERATTUPETTA ULB</p>	<p>₹ 0.60 Cr.).</p> <ul style="list-style-type: none"> ❖ The TS shall be issued by the concerned only after meeting the following conditions: ❖ The necessary clearances from the relevant authorities are obtained. ❖ The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines. ❖ The Central Assistance for urban development projects should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by the State/ ULB /KWA fund if they are unavoidable. ❖ Kerala Water Authority and ULBs shall take necessary action to fund O&M through an appropriate cost recovery mechanism and expedite the Technical Sanction and tender procedures of the work before the end of September 2024. ❖ The Committee authorized the Mission Director AMRUT to request the MoHUA for the cancellation of the original SWAP 2 proposal for the Micro Water Supply Scheme with bore wells as sources worth ₹ 9.32 Cr. (CAPEX-₹ 8.88 Cr. & O&M-₹ 0.44 Cr) and replacement with the project- AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase- 1 for an amount of ₹ 20.80 Cr. (CAPEX- ₹ 20.20 Cr. & O&M- ₹ 0.60 Cr.) (Including the AS for the topographic survey and soil investigation works for Erattupetta for an amount of ₹ 19.183 lakhs issued vide G.O.(Rt)No.1901/2023/LSGD dated 26.09.2023). ❖ The excess fund can be met from the canceled water supply projects of Iritty and Mattannur. (₹ 24.73 Cr.) 	<ul style="list-style-type: none"> ❖ Technical Sanction is yet to be issued by the KWA.
<p>Agenda Item No.9.4.2: CANCELLATION & REPLACEMENT OF WATER SUPPLY PROJECTS UNDER SWAP 1&2 OF THE THRISSUR CORPORATION</p>	<ul style="list-style-type: none"> ❖ The committee decided to cancel the following two water supply projects of Thrissur Corporation: <ul style="list-style-type: none"> ● AMRUT 2.0-Watersupply schemes from Kadavaram Pond - Construction of pump house- providing treatment facilities by pressure filters, laying distribution network, and providing 1000 FHTC for Thrissur Corporation- for an amount of ₹ 5.50 Cr. (CAPEX- ₹ 5 Cr. & O&M- ₹ 0.50 Cr.). ● AMRUT 2.0 - Renovation of 14.5 MLD WTP augmented to 20 MLD at Peechi and providing 3550 FHTCs in Thrissur Corporation - for an amount of ₹ 9.35 Cr. (CAPEX- ₹ 8.5 Cr. & O&M- ₹ 0.85 Cr.). ❖ Based on the recommendation of the KWA, the committee accorded Administrative Sanction for the replacement water supply project of the Thrissur Corporation subject to the approval of the APEX Committee: <ul style="list-style-type: none"> ● AMRUT 2.0 - THRISSUR WATER SUPPLY SCHEME-Design, Construction and 	<ul style="list-style-type: none"> ❖ In the 13th SLTC Meeting, KWA agreed for issuing the TS before the 25th January 2025. ❖ Technical Sanction is yet to be issued by the KWA.

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	<p>Commissioning of 20 MLD Water Treatment Plant by demolishing the existing 14.50MLD Water Treatment Plant at Peechi- for an amount of ₹ 16.50 Cr. (CAPEX- ₹ 14.5401 Cr. & O&M- ₹ 1.9598 Cr.).</p> <p>❖ The committee has authorized the Mission Director AMRUT to submit the cancellation & replacement request to the APEX Committee of MoHUA.</p>	
<p>Agenda Item No.9.4.3: AMRUT 2.0- WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION FOR 6 PROJECTS</p>	<p>❖ The Committee accorded sanction for the revision of the Administrative Sanction for the following six water supply projects on condition that 50% of the amount due to tender excess may be met by the ULB, and the balance 50 % to be met by the State.</p> <ul style="list-style-type: none"> ● AMRUT-2.0- Augmentation of UWSS to Mannarkkad Municipality - Providing FHTCs and pipeline extension to ₹ 8.018 Cr (CAPEX-7.018, OPEX -1), due to 5.06% tender excess. ● AMRUT 2.0-Chittur Thattamangalam Municipality - Construction of 5 LL OHSR, Supply, and erection of motor pump sets, pumping main, distribution main, pipe line extensions and providing FHTCs to ₹ 11.19319 Cr, (CAPEX – 10.4119, OPEX - 0.7812) due to road restoration charges and 8.11 % tender excess. ● AMRUT - 2.0- City Water Action Plan -Strengthening of Water Supply Scheme-Laying Raw Water & Clear Water Pumping Main, Construction of 10 MLD WTP, Supply and installation of pump sets, transformer) of Pathanamthitta Municipality to ₹ 14.9485 Cr. (CAPEX -14.8685 and OPEX -0.08), due to 9.20% tender excess. ● AMRUT 2.0 -WSS to Thripunithura Municipality - Providing FHTC, by augmenting or retrofitting the existing Water Supply Scheme and laying a new rider line to ₹ 12.79 Cr (CAPEX – 12.59 AND OPEX – 0.2), due to road restoration charges and tender excess. ● "AMRUT 2.0 – SWAP-1-Replacing 400MM PREMO Transmission main using 400MM DI pipe in Mavelikkara Municipality to ₹ 0.2375 Cr, (CAPEX -0.22, OPEX –0.0175) due to change in estimate and increase in road restoration. ● “AMRUT 2.0 - Koothattukulam Municipality - Renovation of existing Water Supply Scheme UWSS to Koothattukulam” to ₹ 5.8333 Cr, (CAPEX – 5.748 and OPEX – 0.08537), due to 8.74% tender excess subject to the approval of the Municipal Council. <p>❖ The Committee deferred the request of Koothattukulam Municipality for additional funds for PWD road restoration, as a Government Order accepting an indemnity bond in place of a bank guarantee for PWD works is awaited.</p> <p>❖ The Joint Managing Director of KWA agreed that the recommendations for the requirement of revision of AS for the above proposals will be submitted before 6th August 2024.</p>	<p>❖ Government Order revising the AS for 6 water supply projects were issued vide G.O.(Rt) No.2021/2024/LSGD dated 23.10.2024. Agreement has been executed for all works</p>
<p>Agenda Item No.9.4.4:</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows:</p>	

Item	9 th SHPSC Decision	Action taken
<p>APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III - SWAP-3 WATER SUPPLY PROPOSALS</p>	<ul style="list-style-type: none"> ❖ <i>Out of the total 109 SWAP-3 proposals for Rs. 827.623 Cr was received, the Committee approved 72 water supply projects for a project cost of ₹ 583.166 Cr. (CAPEX- ₹ 552.480 Cr., OPEX- ₹30.686 Cr.) CA-₹ 249 Cr., State share- ₹ 209.97 Cr. and ULB share-₹ 124.20 Cr. as per the available allocated Central Assistance and based on the importance of the project.</i> ❖ <i>The Committee decided to keep the 37 remaining projects amounting to Rs. 275.144 Cr. (CAPEX) as a buffer list due to the limitation of allocated CA in light of potential project cancellations or the possibility of securing additional funds from MoHUA or alternative sources, such as the Urban Infrastructure Development Fund (UIDF), etc. The sanction for individual projects will be granted based on fund availability and priority. The State Mission Director was authorized to request additional funds from MoHUA for the projects listed in the buffer list.</i> ❖ <i>The Committee accorded, in principle, sanction for issuing administrative approvals for the approved SWAP 3 proposals that have available land and feasibility confirmed by the Managing Director of KWA and with Council approvals. This excludes the 24x7 proposals and the Micro Water Supply Scheme. All approvals are subject to the consent of the APEX Committee of MoHUA.</i> ❖ <i>It was observed that the excess amount required for the approved SWAP-3 (72 Projects) could be adjusted by utilizing unspent funds from the water supply sector of Tranches 1 and 2. However, the Committee decided that the State would cover the additional costs over and above the allocated fund. The State Mission Director was authorized and empowered to submit Tranche 3 to the Apex Committee, MoHUA for approval.</i> ❖ <i>The Committee authorized the Mission Director to submit a request for the cancellation of 41 AMRUT 2.0 projects in SWAP 1 to the APEX Committee of MoHUA.</i> ❖ <i>Secretaries of Parappanangadi, Neyyattinkara & Nilambur Municipalities were asked to get the NOCs from the respective departments for land urgently. It was emphasized that further delays would lead to the cancellation of the projects.</i> ❖ <i>The Chairperson of Piravom Municipality informed that land has been identified and steps have already been taken for purchasing the land for the proposed OHSR. The Mission Director added that the said project is included in the buffer list.</i> ❖ <i>The Head Office, KWA, shall submit the feasibility report of all the proposals shortly.</i> ❖ <i>The Committee approved the cancellation of four SWAP 1 proposals of the Nileswaram ULB worth ₹ 6.75 Cr.</i> <ol style="list-style-type: none"> 1. <i>Drinking Water Supply Scheme in Kizhakkekara and Kadinhikuzhi Area in Nileschwaram Municipality- CAPEX ₹ 1.25 Cr.</i> 	<ul style="list-style-type: none"> ❖ The APEX Committee of MoHUA in its 11th meeting held on 23rd September 2024 approved the SWAP 3 of AMRUT for 72 water supply projects for a project cost of ₹ 583.166 Cr. (CAPEX- ₹ 552.480 Cr., OPEX- ₹30.686 Cr.) CA-₹ 249 Cr., State share- ₹ 209.97 Cr. and ULB share-₹ 124.20 Cr.with an excess Central Assistance of ₹ 19.86 Cr, that needs to be borne by the State. ❖ Administrative sanction has been issued vide G.O.(Rt)No.2263/2024/LSGD dated 22.11.2024 for the 61 proposals for a project cost of ₹ 470.779 Cr. (CAPEX- ₹ 446.6873 Cr., OPEX- ₹24.092 Cr.),(excluding 8 Nos, 24X7 WS proposals, two proposals from the Parappanangadi, & Nilambur Municipalities, for which NOCs are pending for land, and one Micro water supply scheme of Valanchery) ❖ Technical Sanction is to be issued by the KWA. ❖ Detailed project reports for the 8 Nos 24X7 water supply projects and feasibility reports are pending with the KWA. ❖ A part of the DPR of Micro Water supply scheme for Valanchery Municipality has been received. AS proposal is included in this Agenda. ❖ NOCs are still pending for land for Parappanagdi from the Fisheries Department. and for Nilambur Municipalities from the Forest Dept. <p>13th SLTC Recommendation:</p> <ul style="list-style-type: none"> ❖ The 13th SLTC meeting instructed KWA to issue Technical Sanctions (TS) for the 61 works for which Administrative Sanctions have been granted. KWA informed the Committee that Detailed Project Reports for the 24/7 Water Supply (WS) projects are under preparation. DPRs for Alappuzha and Kannur have been completed, and the remaining DPRs of 24/7 are expected to be finalized by the end

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	<p>2. Drinking Water Supply Scheme in Idichudi Area in Nileshwaram Municipality- CAPEX ₹ 2.0 Cr.</p> <p>3. Drinking Water Supply Scheme in Neelayi Area in Nileshwaram Municipality- CAPEX ₹ 1.0 Cr.</p> <p>❖ Drinking Water Supply Scheme in Palayi Area in Nileshwaram Municipality- CAPEX ₹ 2.5 Cr</p>	<p>of January 2025.</p> <p>❖ The Mission Director was directed to address the issues of Nilambur Municipality related to the Forest Department by coordinating with the Divisional Forest Officer (DFO)- Application for constructing an OHSR in Nilambur forest land on Parivesh portal - FP/KL/WATER/454739/2023- is with the Principal Chief Conservator Forests.</p>
<p>Agenda Item No.9.5: SEWERAGE & SEPTAGE SECTOR - APPROVAL OF STATE WATER ACTION PLAN - TRANCHE III</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows:</p> <p>❖ Approved the following proposals for inclusion in SWAP-3</p> <ul style="list-style-type: none"> ● Kannur Corporation – 1 no. – Rs.140.00 Cr. (Capex: Rs.124.00 Cr. & Opex: Rs.16.00 Cr.) ● Guruvayur Municipality – 1 no. – Rs.25.15 Cr. (Capex: Rs.21.00 Cr. & Opex: Rs.4.15 Cr.) ● Kollam Corporation – 3 nos. – Rs.99.92 Cr. (Capex: Rs.84.26 Cr. & Opex: Rs.15.66 Cr.) ● Thrissur Corporation – 1 no. – Rs.70.20 Cr. (Capex: Rs.64.20 Cr. & Opex: Rs.6.00 Cr.) ● Thiruvananthapuram Corporation – 2 nos. – Rs.24.09 Cr. (Capex: Rs.23.08 Cr. & Opex: Rs.1.00 Cr.) ● Kozhikode Corporation – 1 no. – Rs.143.16 Cr. (Capex: Rs.133.16 Cr. & Opex: Rs.10.00 Cr.) ● Alappuzha Municipality - 1 no. - Rs.0.76 Cr. (Capex: Rs.0.70 Cr. & Opex: Rs.0.06 Cr.) <p>❖ Approved the decision taken by the SLTC to restrict the fund for the SWAP-3 proposal of Kozhikode Corporation to Rs.133.16 Cr. which is the balance fund available after considering all the other SWAP-3 proposals.</p> <p>❖ The funds available with the ULBs shall be adjusted between the ULBs in such a way that full utilization of the available funds is ensured and the burden of excess funds does not fall on the State or ULBs. The SWAP and Capex amounts shall be adjusted to ensure the same.</p> <p>❖ The Head Office of KWA, shall submit the feasibility report of all the proposals related to KWA.</p>	<p>❖ The Apex Committee of MoHUA in its 11th meeting held on 23rd September 2024 approved all the SWAP-3 Sewerage and Septage Sector proposals (31 nos., Total: Rs.652.966 Cr., Capex: Rs.592.150 Cr. & Opex: Rs.60.816 Cr.) submitted to them. The details of the approved SWAP-3 proposals are as follows:</p> <ul style="list-style-type: none"> ● Kannur Corporation – 1 no.: Rs.140.000 Cr. (Capex: Rs.124.000 Cr. & Opex: Rs.16.000 Cr.) ● Kozhikode Corporation – 1 no.: Rs.143.160 Cr. (Capex: Rs.133.160 Cr. & Opex: Rs.10.000 Cr.) ● Palakkad Municipality - 1 no.: Rs.0.425 Cr. (Capex: Rs.0.400 Cr. & Opex: Rs.0.025 Cr.) ● Guruvayur Municipality – 1 no.: Rs.25.15 Cr. (Capex: Rs.21.000 Cr. & Opex: Rs.4.150 Cr.) ● Thrissur Corporation – 2 nos.: Rs.118.880 Cr. (Capex: Rs.109.060 Cr. & Opex: Rs.9.820 Cr.) ● Kochi Corporation – 2 nos.: Rs.32.583 Cr. (Capex: Rs.31.634 Cr. & Opex: Rs.0.949 Cr.) ● Alappuzha Municipality – 2 nos.: Rs.68.760 Cr. (Capex: Rs.65.552 Cr. & Opex: Rs.3.208 Cr.) ● Kollam Corporation – 3 nos.: Rs.99.920 Cr. (Capex: Rs.84.261 Cr. & Opex: Rs.15.659 Cr.) ● Thiruvananthapuram Corporation – 18 nos.: Rs.24.089 Cr. (Capex: Rs.23.084 Cr. & Opex: Rs.1.005 Cr.) <p>❖ The feasibility report of the KWA proposals of Guruvayur Municipality (1 no.) and Kannur Corporation (1 no.) are to be provided by the Head Office of KWA.</p> <p>❖ The DPRs of the proposals of Alappuzha Municipality</p>

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		<p>(1 no.), Kochi Corporation (1 no.), Guruvayur Municipality (1 no.), Palakkad Municipality (1 no.), Kozhikode Corporation (1 no.), and Kannur Corporation (1 no.) are to be submitted by the respective ULBs.</p> <p>❖ The details as per the DPRs received for the proposals of Thiruvananthapuram Corporation (18 nos.), Kollam Corporation (3 nos.), Alappuzha Municipality (1 no.) and Kochi Corporation (1 no.) are placed in this SHPSC as Agenda Item No.10.4 for approval of administrative sanction.</p>
Agenda Item No. 9.6: REJUVENATION OF WATERBODY PROJECTS/ GREEN SPACES AND PARKS PROJECTS		
<p>Agenda Item No.9.6.1:</p> <p>ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS UNDER SWAP-2</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows;</p> <p>❖ The Committee accorded Administrative Sanction for the 16 projects listed above under the Rejuvenation of Water Bodies under SWAP 2. The total sanctioned amount is ₹ 5.1096 crore, comprising CAPEX of ₹ 4.8326 crore and OPEX of ₹ 0.277 crore. The approval is subject to the condition that the ULB Secretaries provide an undertaking to the Mission Director, AMRUT regarding land ownership.</p> <p>❖ For ponds owned by religious authorities, an undertaking must be obtained from the relevant religious authority ensuring that public access will not be denied.</p>	<p>❖ The Administrative sanction has been issued vide G.O (Rt) No. 2041/2024/LSGD dated 26/10/24.</p>
<p>Agenda Item No.9.6.2:</p> <p>CANCELLATION OF WATERBODY REJUVENATION PROJECTS APPROVED UNDER THE 2nd TRANCHE OF SWAP AND REPLACEMENT WITH NEW PROJECTS:</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows;</p> <p>❖ The Committee approved the cancellation of Nine water body rejuvenation projects amounting to ₹ 2.2787 crore (Capex: ₹ 2.096 crore, O & M: ₹ 0.1827 crore) and authorized the substitution with four new projects amounting to ₹ 1.6052crore (Capex: ₹ 1.4752 crore, O & M: ₹ 0.13 crore).</p> <p>❖ This approval is subject to the condition that</p> <ul style="list-style-type: none"> • The ULB Secretaries provide an undertaking to the Mission Director of AMRUT regarding land ownership for the substituted projects. • For ponds owned by religious authorities, an undertaking must be obtained from the relevant religious authority ensuring that public access is not denied 	<p>❖ The Govt. Order has been issued vide. G.O.(Rt)No.2038/2024/LSGD dated 26-10-2024</p>
<p>Agenda Item No.9.6.3:</p> <p>AMRUT 2.0- REVISION OF ADMINISTRATIVE SANCTION FOR TWELVE PROJECTS</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows;</p> <p>❖ The Committee accorded the revision of the Administrative Sanction for the above twelve waterbody rejuvenation projects under the following conditions:</p> <p>[a] 50% of the tender excess shall be funded by the ULB, with the remaining 50% funded by the State.</p> <p>[b] Any additional costs due to estimate revision shall be covered from savings within the water body rejuvenation sectors of SWAP-1 & 2.</p>	<p>❖ The Govt. Order has been issued vide G.O (Rt) No. 2046/2024/LSGD dated 28/10/24</p>

Item	9 th SHPSC Decision	Action taken																											
<p>Agenda Item No.9.6.4:</p> <p>APPROVAL OF STATE WATER ACTION PLAN-TRANCHE III- SWAP-3 PROPOSALS</p>	<p>The committee took note of the recommendations of the SLTC and decided as follows;</p> <ul style="list-style-type: none"> ❖ The Committee approved the 11 SWAP 3 proposals for the Rejuvenation of Water Bodies amounting ₹ 8.96 crore (Capex ₹ 8.42; O & M ₹ 0.54), and the 4 proposals for developing Green Spaces and Parks amounting ₹ 2.227 crore (Capex ₹ 2.027 crore; O & M ₹ 0.20 crore). ❖ The total approved SWAP 3 proposals for Tranche 3 (Decision vide 7th, 8th & 9th SHPSC) are as follows: <ul style="list-style-type: none"> ● Water Body Rejuvenation Projects (123 No): The total cost - Rs. 62.1354 crore (Capex: Rs. 59.32841 crore; O&M: Rs. 2.80699 crore; Central Assistance: Rs. 23.996 crore). ● Green Spaces and Parks Projects (73 No): The total cost - Rs. 40.72 crore (Capex: Rs.36.39693 crore; O&M: Rs. 4.32507 crore; Central Assistance: Rs. 16.4916 crore). ❖ It was observed that the excess amount could be adjusted by utilizing unspent funds from the water body sector of Tranche 2. However, the Committee decided that the State would cover the additional costs over and above the allocated fund. The State Mission Director was authorized and empowered to submit Tranche 3 to the Apex Committee, MoHUA for approval. 	<ul style="list-style-type: none"> ❖ The APEX Committee of MoHUA in its 11th meeting held on 23.09.2024 approved the SWAP 3 of AMRUT for Rejuvenation of Water bodies and Parks. 																											
<p>Agenda Item No. 9.7: GENERAL AGENDA</p>																													
<p>Agenda Item No. 9.7.1:</p> <p>AMRUT MITRA</p>	<ul style="list-style-type: none"> ❖ The Committee directed the Secretaries of ULBs to expedite progress on MITRA projects and ensure timely expenditure. Additionally, KWA and ULBs were instructed to submit new projects in accordance with AMRUT MITRA guidelines within one week, as project selection by MoHUA will be on a first-come, first-served basis. ❖ It was also added that the allocated work should be carried out exclusively by the identified SHGs. 	<ul style="list-style-type: none"> ❖ A detailed Agenda on AMRUT MITRA progress is included in this meeting. 																											
<p>Agenda Item No.9.7.2: 24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY- RECONSTITUTION OF THE STATE-LEVEL TASK FORCE</p>	<ul style="list-style-type: none"> ❖ The committee took note of the SLTC recommendations and decided to reconstitute the State Level Task Force (STF) on DFT as follows: <table border="1" data-bbox="512 1032 1373 1295"> <thead> <tr> <th>#</th> <th>STF</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Chairperson</td> <td>State Mission Director -AMRUT</td> </tr> <tr> <td>2</td> <td>Co-Chairperson</td> <td>Technical Member KWA</td> </tr> <tr> <td>3</td> <td>Member</td> <td>Chief Engineer, LSGD</td> </tr> <tr> <td>4</td> <td>Member</td> <td>Chief Engineer, Projects & Operations, Kerala Water Authority</td> </tr> <tr> <td>5</td> <td>Member</td> <td>Head of the Department (Civil), CET</td> </tr> <tr> <td>6</td> <td>Member</td> <td>Chief Engineer, Irrigation & Administration</td> </tr> <tr> <td>7</td> <td>Member</td> <td>GIS Expert/Hydraulic Expert, Centre for Water Resources Development and Management (CWRDM), Kozhikode</td> </tr> <tr> <td>8</td> <td>Member</td> <td>Chief Engineer PWD (KRFB)</td> </tr> </tbody> </table>	#	STF	Designation	1	Chairperson	State Mission Director -AMRUT	2	Co-Chairperson	Technical Member KWA	3	Member	Chief Engineer, LSGD	4	Member	Chief Engineer, Projects & Operations, Kerala Water Authority	5	Member	Head of the Department (Civil), CET	6	Member	Chief Engineer, Irrigation & Administration	7	Member	GIS Expert/Hydraulic Expert, Centre for Water Resources Development and Management (CWRDM), Kozhikode	8	Member	Chief Engineer PWD (KRFB)	<ul style="list-style-type: none"> ❖ The State Level Task Force (STF) on DFT has been reconstituted vide G.O.(Rt)No.1901/2024/LSGD dated 14.10.2024.
#	STF	Designation																											
1	Chairperson	State Mission Director -AMRUT																											
2	Co-Chairperson	Technical Member KWA																											
3	Member	Chief Engineer, LSGD																											
4	Member	Chief Engineer, Projects & Operations, Kerala Water Authority																											
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8	Member	Chief Engineer PWD (KRFB)																											

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	9	Member	Executive Engineer (Operations), Jalabhavan KWA	
	10	Member Secretary	Executive Engineer Project Implementation Unit-2, Jalabhavan, KWA	
	11	Member	Deputy Mission Director, AMRUT	
	12	Member	Chief Engineer, WASCON, Kerala Water Authority	
<p>Agenda Item No.9.7.3: SELECTION OF THE PROJECT DEVELOPMENT MANAGEMENT CONSULTANCY</p>	<p>The Committee decided that due to reduced project scope, PDMC services are no longer necessary. However, limited activities remained can be executed through alternate methods as follows:</p> <ul style="list-style-type: none"> ● Preparation of the Urban Aquifer Management Plan for AMRUT 1.0 cities by inviting bid from accredited agencies of Central Ground Water Authority (CGWA). ● IEC activities to be arranged separately through consultants. ● KWA to arrange Activities 1, 2, & 3 through design and build type contracts/ through WASCON / through consultants as per requirement only. <ul style="list-style-type: none"> ❖ The Committee decided to cancel the current PDMC tender. ❖ The Committee directed the Mission Director AMRUT to allocate necessary funds from the Administrative & Other Expenses (A&OE) fund for these purposes. ❖ The Committee authorized the Mission Director AMRUT to invite bids for the selection of consultants for the IEC activities and also towards the preparation of the Urban Aquifer Management Plan in AMRUT 1.0 cities. ❖ The Committee instructed the Mission Director to include the best practice documentation of AMRUT 1.0 under the scope of works of IEC. 			<p>Government order issued vide G.O.(Rt)No.2036/2024/LSGD dated 26.10.2024 canceling the PDMC services for AMRUT 2.0 as they are no longer necessary due to reduced project scope.</p> <p><u>Preparation of the Urban Aquifer Management Plan for AMRUT 1.0 cities by inviting bids from accredited agencies of Central Ground Water Authority (CGWA).</u></p> <ul style="list-style-type: none"> ❖ The draft RFP (Request for Proposal) document is under preparation with a broad outline of the scope, objectives, technical requirements, deliverables, and eligibility criteria for managing urban aquifers in AMRUT- 1 cities. The same will be completed in a week's time. ❖ A committee has to be formed for Vetting out the RFP document before publication. The proposed members for vetting out the RFP document for its refinement shall be AMRUT official, state Groundwater Department (state-specific groundwater management expertise), Regional Director, Central Groundwater Board (CGWB) (national-level policy and groundwater resource expertise), Kerala Water Authority (KWA) (Regional water utility management) and Chief Engineer, Local Self-Government Department (CE, LSGD) (local governance and infrastructure development). ❖ The proposed committee will review, vet out, and approve the RFP document, once this process is completed, the finalized document will be published in national dailies and possibly on relevant government and public procurement portals Inviting Competitive Bidders ensuring a competitive and transparent bidding process.

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		<p>attracting capable bidders with expertise in urban aquifer management and with accreditation from Central Groundwater Authority.</p> <ul style="list-style-type: none"> ❖ Once the proposals are received from various competent consultants, the same will be scrutinized and evaluated based on predefined criteria, such as technical expertise, financial viability, Technical expertise, innovative solutions etc. based on the Quality- and Cost-Based Selection (QCBS) procurement approach for selecting of the consultants towards the proposed Urban aquifer management study in AMRUT 1 cities. <p><u>IEC activities to be arranged separately through consultants.</u></p> <p>MoHUA has directed to engage the Technical Support Unit for AMRUT 2.0. IEC activities will be carried out by the Technical Support Unit.</p> <p><u>PDMC related Activities 1, 2, & 3:</u></p> <p>MoHUA has advised to immediately bring the Technical Support Unit to support the proposed initiative, for which draft RFP has been prepared.</p> <ul style="list-style-type: none"> ❖ MoHUA has advised engaging a Technical supporting Unit to provide overall technical support in the activities related to IEC, 24/7 Water supply projects, NRW reduction, etc. since a PDMC is not engaged <p>13th SLTC Recommendation:</p> <ul style="list-style-type: none"> ❖ The draft RFP document towards Urban aquifer management plan shall be vetted out by the aforesaid committee prior to advertising in national dailies and relevant government and public procurement portal inviting competitive bidders. ❖ The payment to the TSU will be made based on

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		<p>the specific works assigned, rather than on a man-month basis.</p> <p>1st draft of RFP document for Urban aquifer management plan is completed.</p> <p>SHPSC may take the following decisions;</p> <p>The Committee may approve the constitution of the RFP Appraisal committee for Vetting the draft RFP document towards Urban aquifer management plan followed by the selection of Consultants.</p> <ul style="list-style-type: none"> ❖ <i>Regional Director, Central Groundwater Board (CGWB) (national-level policy and groundwater resource expertise),</i> ❖ <i>Chief Engineer, Local Self-Government Department (CE, LSGD) (local governance and infrastructure development).</i> ❖ <i>Representative of State Groundwater Department (State-specific groundwater management expertise),</i> ❖ <i>Representative of Kerala Water Authority (KWA) and</i> ❖ <i>AMRUT official</i> ❖ As MoHUA has advised to immediately bring the technical support unit, sanction may be given to appoint a TSU. The payment to the TSU will be made based on the specific works assigned and on NICSI approved rates ❖ Mission Director shall be entrusted to prepare and Vet the RFP for the same.
<p>Agenda Item No.9.7.4: AMRUT 2.0 CAPACITY BUILDING PROGRAMME-AUTHORIZE THE MISSION DIRECTOR OF AMRUT TO APPROVE AIR</p>	<ul style="list-style-type: none"> ❖ The Committee authorized the Mission Director to approve air travel arrangements for the AMRUT Mission Team outside Kerala, excluding foreign tours, to attend AMRUT-related programs, provided that the requirement is assessed and the Government is kept informed. ❖ The required funds need to be met from the central assistance allocated for the Capacity Building Programme under AMRUT 2.0. 	<ul style="list-style-type: none"> ❖ The Government Order has been issued vide G.O (Rt) No.2145/2024/LSGD dated 09-11-2024.

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TRAVEL FOR THE OFFICIALS ATTENDING AMRUT-RELATED PROGRAMS		
Agenda Item No.9.7.5: SETTING UP OF ADDITIONAL OFFICE SPACE FOR SMMU: REVISION OF ADMINISTRATIVE SANCTION	<ul style="list-style-type: none"> ❖ The Committee ratified the actions taken by the Mission Director in carrying out additional workstations and approved the revision of the Administrative Sanction to ₹ 36,71,370 (Rupees Thirty-Six Lakh Seventy-One Thousand Three Hundred and Seventy only), up from ₹ 31,46,944 (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only) 	<ul style="list-style-type: none"> ❖ The Government Order has been issued vide G.O (Rt) No. 2048//2024/LSGD dated 28/10/24.
Agenda Item No.9.8: SUB SCHEME 'FORMULATION OF GIS BASED MASTER PLANS FOR CLASS II TOWNS UNDER AMRUT 2.0'.		
Agenda Item No.9.8.1: APPOINTMENT OF PLANNER CONSULTANT AND PLANNER ASSOCIATES UNDER THE SCHEME OF FORMULATION OF GIS-BASED MASTER PLANS FOR 49 AMRUT 2.0 TOWNS	<ul style="list-style-type: none"> ❖ The Committee approved the appointment of Sri Prasant H, a retired Chief Town Planner (Planning), as a Planner Consultant for the preparation of GIS-based Master Plans for AMRUT 2.0 towns. This appointment will be on a contract basis for one year and will be extended based on the performance of the incumbent and requirement of the Mission. The consolidated monthly salary shall be Rs. 51,600/- as per GO(Rt) No.384/2017/LSGD dated 10.02.2017. ❖ The Committee approved the engagement of two Planner Associates with a Postgraduate Degree in Town and Country Planning or a related field under the 'Young Professionals Programme.' The consolidated monthly salary shall be Rs. 35,000. This appointment will be on a contract basis for one year and will be extended based on the performance of the incumbents and requirement of the Mission. These Planner Associates will assist the State Level Nodal Agency (SLNA) and AMRUT with tasks related to the formulation of GIS-based Master Plans for AMRUT 2.0 towns. ❖ The Committee agreed with the decision of the 12th SLTC (Decision No. 12.8.1) to reject the CTP's request to engage CMD for the selection of consultants for the sub-scheme. Instead, the remaining processes related to consultant selection such as preparing and finalizing RFP documents, preparing the Bid Evaluation Report, conducting a three-stage evaluation of applicants based on the notified criteria, negotiating with the selected bidder, verifying documents, and awarding the contract shall be managed by the Planner Consultant and the two Planner Associates and CTP office, under the supervision of MD (AMRUT). 	<ul style="list-style-type: none"> ❖ The Government Order has been issued vide G.O(Rt)No.64/2025/LSGD dated 07.01.2025. ❖ The interview for selection of the Planner Associates is scheduled for 24th February 2025.

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	<ul style="list-style-type: none"> ❖ Furthermore, the Committee decided that the remuneration for the Planner Consultant and Planner Associates shall be covered by the funds allocated under the State Plan Scheme “Support Scheme for Formulation of GIS-based Master Plans for AMRUT 2.0 towns.” Any excess requirement shall be met from the A&OE fund of AMRUT 2.0. 	

Agenda Item No.10.3: PROGRESS OF AMRUT 2.0:

The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is ₹ 3495 Cr. with Central Assistance of ₹ 1374 Cr.

- The 4th APEX committee meeting had approved the 1st Tranche of the State Water Action Plan (SWAP-1) -180 projects for an amount of ₹1709.05 Cr. (CAPEX - ₹1626.86 Cr. & OPEX - ₹ 82.19 Cr.).
- The 6th APEX committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan (SWAP -2)-261 projects for an amount of ₹695.39 Cr. (CAPEX – ₹ 646.97 Cr. & OPEX – ₹ 48.42 Cr., inclusive of Special Tranche for Water Body Rejuvenation).
- The 11th APEX committee held on 23.09.2024 approved the 3rd Tranche of the State Water Action Plan (SWAP -3)-299 projects for an amount of ₹ 1338.99 Cr. (CAPEX – ₹1240.35 Cr. & OPEX – ₹ 98.63 Cr.).
- The total SWAP approved under tranches 1, 2 & 3 amounting to ₹ **3,743.43Cr. (CAPEX - ₹ 3,514.181 Cr. & OPEX - ₹229.15 Cr.)** for 740 projects. Central Assistance- ₹1399.735 Cr. (₹25.735 Cr. excess from the allocated CA-₹1374 Cr.), State share- ₹ 1278.167 Cr., ULB Share- ₹1061.983 Cr. & 15 FC grant- ₹ 3.539 Cr.

10.3.1. AMRUT 2.0 - OVERVIEW: Tranches 1, 2 & 3

SECTOR	Nos	TOTAL COST(Cr)	CAPEX (Cr)	OPEX(Cr)	CA (Cr)	State share (Cr)	ULB share (Cr)	FC GRANT(Cr)	Tender Excess approved	
									State share	ULB share
Water Supply	251	2413.650	2291.248	122.310	971.776	852.158	586.377	3.363	5.860	5.860
Sewerage	45	1143.980	1049.953	94.010	353.454	361.883	428.634	0.000		
Water body	371	145.080	136.580	8.500	58.013	50.267	36.633	0.145	0.04252	0.04252
Park	73	40.720	36.400	4.330	16.492	13.859	10.340	0.032		
TOTAL	740	3743.43	3514.181	229.150	*1399.735	1278.167	1061.983	3.539	5.90252	5.90252

*Allocated CA- 1374 Cr.

10.3.2. PROJECT PROGRESS-SECTOR-WISE AS ON 03.02.2025 (Tranches 1&2):

Sector	Main Projects		AS Issued		Sub Projects	TS Issued		NIT Issued		Awarded		Started (Nos)	Completed (Nos)	Expenditure (₹ Cr)	Expenditure %
	Nos	Amount (₹ Cr)	Nos	Amount (₹ Cr)		Nos	Amount (₹ Cr)	Nos	Amount (₹ Cr)	Nos	Amount (₹ Cr)				
WS	154	1735	154	1681	278	252	1416	249	1297	225	909	209	47	309	18.39
SEW	14	484	14	458	38	34	270	33	260	31	86	26	13	10	2.29
WBR	248	78	239	69	251	232	63	227	57	203	68	159	61	13	18.37
Micro WS	25	48	16	31	25	13	28	13	28	7	2	5	0	1	2.46
Total	441	2345	423	2238	592	531	1778	522	1642.7	466	1064	399	121	333	14.87

*3 projects need cancellation

10.3.3. PENDENCY (As on 03.02.2025): (Pendency list is attached as Annexure-3)

Project Type	AS PENDING	TS PENDING	NIT PENDING	AWARD PENDING	NOT STARTED	Work Stalled	TOTAL
Micro Water Supply	7	3	0	6	2	0	18
Sewerage/Septage Management	0	4	1	2	5	1	13
Water Body Rejuvenation	8	10	5	24	44	16	107
Water Supply	0	26	3	24	16	1	70
Grand Total	15	43	9	56	67	18	208

10.3.4. PROGRESS ACHIEVED SINCE 9th SHPSC (As on 02.08.2024)

Progress	Total Projects (No.)	AS Issued (No.)	Sub Projects (No.)	TS Issued (No.)	NIT Issued (No.)	Awarded (No.)	Completed (No.)	Expenditure (₹ Cr.)	Expenditure %
Last SHPSC (02.08.2024)	452	416	548	495	480	392	17	240.68	10.88
As on 31.01.2025	441*	423	592	531	522	466	121	333	14.87
Progress	(-) 15	6	44	36	42	74	104	92.32	3.99

*To fully utilize the remaining funds available under AMRUT-1.0, the 35th SHPSC of AMRUT 1.0 has decided to shift the 41 works (WS-29 & SEW-12) worth ₹ 193.569 Cr. in 9 AMRUT Cities from AMRUT-2.0 to AMRUT-1.0 and some works have been cancelled. Hence the approved SWAP size has been reduced. 11th APEX committee approved the same.

10.3.5. FINANCIAL PROGRESS:

Category	Central	State	ULB	Total
Released Amount (₹ Cr.)	148.74	132.64	103.31	384.69
Expenditure (₹ Cr.)	143.63	121.44	62.70	327.77
Balance Amount in SNA (₹ Cr.)	5.11	11.20	40.61	56.92

Nearly 40 road-cutting permissions are pending with the PWD due to delays in issuing Government Orders from the PWD and Finance Departments regarding 1) the substitution of the Bank Guarantee (BG) with an indemnity bond for AMRUT projects, where the Kerala Water Authority (KWA) will directly undertake road restoration and 2) Government order permitting road cutting during the Defect Liability Period (DLP). These delays significantly impact approximately 20 water supply projects under AMRUT 1.0 and AMRUT 2.0.

10.3.6. Capacity Building:

The ongoing Capacity Building Program under AMRUT 2.0, is currently underway in 93 ULBs across Kerala. We have entered into a Memorandum of Understanding (MoU) with esteemed 4 Training Institutes to facilitate the smooth execution of these training sessions.

To actively involve the SHGs in the water sector nationwide, a collaborative effort called 'AMRUT Mitra' is being taken up by MoHUA in partnership with NULM by engaging SHGs for water quality testing and infrastructure management. Subsequently, MoHUA has issued a D.O letter, and a guideline for an advisory titled "Strengthening Water Quality Monitoring in Cities through Community Participation" has been formulated under AMRUT 2.0 which aims to strengthen the institutional capacity for citywide monitoring of drinking water quality in urban areas along with

Digital Display Boards for water quality parameters for public information & awareness.

- In line with these, 3 regional wise training has been conducted for the SHGs of Kudumbasree on Water Quality Testing with the support of WASH Institute and SCMS College, Kochi. 224 SHG members have participated in the 3-day residential training sessions conducted region wise in Trivandrum, Thrissur and Kozhikode.
- As part of the AMRUT 2.0 GIS based Master plan under AMRUT 2.0, a workshop has been organized for the Chairpersons, Secretaries and Engineers of 49 AMRUT 2.0 cities.
- A training cum exposure visit to understand the initiatives on Urban planning and blue green infrastructure development at Ahmedabad has been organized for the officials of Town Planning Department.

10.3.7. Water Quality App:

Mobile App for updating data (Sample collection & Test result) and Web Application for managing the entire system have been developed and is function.

10.3.8. SPARSH:

Department of Expenditure, Ministry of Finance, GoI has introduced a new fund flow mechanism named SNA-SPARSH (Real-time System for integrated Quick Transfers) for CSS funds through an integrated network of PFMS, State IFMIS, and e-kuber platform of RBI with a view of ensuring the principles of “Just-in-time release” in respect of all payments and to bring about more efficiency in cash management at both the Centre and State levels. Under SNA-SPARSH, the centers share is released only when the beneficiary incurs an actual expenditure and a claim is raised. The State’s account is pre-funded with the center’s share before releasing of payment to the end beneficiary by the State Government. Kerala has been notified for on boarding 28 GoI schemes to SNA-SPARSH immediately.

13th SLTC Recommendation:

- ❖ The Committee directed KWA and ULBs to expedite the process and ensure that all works commence at the site before the end of this month. Additionally, the Committee instructed ULBs and KWA to prominently display AMRUT Citizen Information Boards at all ongoing project sites.
- ❖ The Chair observed that the restoration of municipal roads was not included in the estimates of the majority of KWA projects. The Committee emphasized that road restoration is an essential component and directed KWA to ensure that provisions for road restoration are incorporated while preparing estimates. Failure to address this could lead to significant public protests.
- ❖ With respect to the pending Government Orders (GOs) with the Finance Department pertaining to the execution of an indemnity bond instead of a bank guarantee for cases where KWA undertakes road restoration directly, and another to permit road cutting during the Defect Liability Period, the Committee instructed the Joint Secretary of the Finance Department to expedite the issuance of these orders.
- ❖ The Committee noted with concern that a majority of the Corporation Secretaries were absent from the meeting. The Committee expressed its displeasure over the lack of attendance and emphasized the importance of representation and participation in the State Level Committees.
- ❖ The Committee instructed all KWA and ULB officials to utilize the knowledge acquired from training programs effectively and to focus on enhancing the capacity of officials in both ULBs and KWA.

Decision to be taken:

- ❖ *The committee may take note of the recommendations of the SLTC and take a suitable decision.*

Agenda Item No.10.4: Administrative Sanction for Sewerage & Septage Sector Projects Under SWAP-3:

Under AMRUT-2.0, projects worth ₹457.81 Cr. (Capex), were approved under SWAP-1 (₹69.56 Cr. - Thiruvananthapuram Corporation) and SWAP-2 (₹388.24 Cr. – Kollam, Kochi and Kozhikode Corporations). Administrative Sanction has been issued for the SWAP-1 and SWAP-2 projects, and these projects are under various stages of implementation.

SWAP-3 proposals worth ₹592.15 Cr. (Capex) were submitted to MoHUA for approval through the AMRUT-2.0 online portal on 24.08.2024 for approval. The Apex Committee of MoHUA in its 11th meeting held on 23.09.2024 scrutinized these proposals and the approval of the MoHUA was received on 01.10.2024. The details of the approved SWAP-3 proposals are as follows:

- Kannur Corporation – 1 no.: ₹140.000 Cr. (Capex: ₹124.000 Cr. & Opex: ₹16.000 Cr.)
- Kozhikode Corporation – 1 no.: ₹143.160 Cr. (Capex: ₹133.160 Cr. & Opex: ₹10.000 Cr.)
- Palakkad Municipality - 1 no.: ₹0.425 Cr. (Capex: ₹0.400 Cr. & Opex: ₹0.025 Cr.)
- Guruvayur Municipality – 1 no.: ₹25.15 Cr. (Capex: ₹21.000 Cr. & Opex: ₹4.150 Cr.)
- Thrissur Corporation – 2 nos.: ₹118.880 Cr. (Capex: ₹109.060 Cr. & Opex: ₹9.820 Cr.)
- Kochi Corporation – 2 nos.: ₹32.583 Cr. (Capex: ₹31.634 Cr. & Opex: ₹0.949 Cr.)
- Alappuzha Municipality – 2 nos.: ₹68.760 Cr. (Capex: ₹65.552 Cr. & Opex: ₹3.208 Cr.)
- Kollam Corporation – 3 nos.: ₹99.920 Cr. (Capex: ₹84.261 Cr. & Opex: ₹15.659 Cr.)
- Thiruvananthapuram Corporation – 18 nos.: ₹24.089 Cr. (Capex: ₹23.084 Cr. & Opex: ₹1.005 Cr.).

Administrative Sanctions (AS) are to be issued for the SWAP-3 proposals. The DPRs of the following SWAP-3 proposals worth ₹281.439 Cr. (Capex) were received and were placed in the 13th SLTC for approval of AS.

- Thiruvananthapuram Corporation – 18 nos.: ₹24.088 Cr. (Capex: ₹23.084 Cr. & Opex: ₹1.003 Cr.)
- Kollam Corporation – 3 nos.: ₹99.920 Cr. (Capex: ₹84.443 Cr. & Opex: ₹15.477 Cr.)
- Alappuzha Municipality – 1 no.: ₹68.000 Cr. (Capex: ₹64.852 Cr. & Opex: ₹3.148 Cr.)
- Thrissur Corporation – 2 nos.: ₹118.880 Cr. (Capex: ₹109.060 Cr. & Opex: ₹9.820 Cr.)

13th SLTC Recommendation:

The committee decided to recommend the following to the SHPSC.

❖ Approval of Administrative Sanction for 22 projects (Thiruvananthapuram Corporation-18, Kollam Corporation-3 & Alappuzha Municipality-1) worth ₹192.008 Cr. (Capex: ₹172.379 Cr. & O&M: ₹19.628 Cr.) subject to the following conditions.

- Justification shall be submitted by the concerned implementing agency for the projects that are having more than ₹1 lakh cost per beneficiary.
- The amounts set aside for the supply and installation of AC units and CCTV camera units shall be utilized for works, as the same can't be considered under AMRUT-2.0.
- The amounts included in the DPRs by KWA as DPR Charges/ Supervision Charges shall be utilized for works, as the same cannot be accepted since the assets created through the projects are coming under KWA and since the sewerage works are mandated works of KWA.
- In the case of the projects where the Capex cost as per the DPR exceeds the Capex cost as per SWAP, the excess amount required shall be borne by the concerned ULB.
- In the case of the project of Thrissur Corporation where there is public protest, the ULB shall resolve the public protest or identify alternative land or submit a replacement sewage/septage management project by 31.03.2025; otherwise, the SWAP amount set aside for the project

will be reallocated for the approved projects in the buffer list.

- In the case of the project of Thrissur Corporation, where the clearance for the proposed land for the STP has been rejected by the Agriculture Dept., the ULB shall identify alternative land or obtain permission from the Agriculture Dept. or submit a replacement sewage/septage management project by 31.03.2025; otherwise, the SWAP amount set aside for the project will be reallocated for the approved projects in the buffer list.

As a result, the following two projects of Thrissur Corporation are not placed in this SHPSC as action has to be taken by the ULB to comply with the decisions taken by the 13th SLTC.

- Decentralized Sewerage Scheme for Thrissur Corporation (2.5 MLD STP at Kokkala) - Capex Cost: ₹ 64.200 Cr., O&M Cost: ₹ 6.000 Cr., Total Cost: ₹ 70.200 Cr.
- 5 MLD Sewerage Scheme for Thrissur Corporation Poonkunnam - Kottapuram area (STP at Kottapuram) - Capex Cost: ₹ 44.860 Cr., O&M Cost: ₹ 3.820 Cr., Total Cost: ₹ 48.680 Cr.

As per the letter dated 11.01.2025 (no. KWA-JB/5566/2024-AE 10) the Managing Director, KWA has provided the following justifications for the projects with more than ₹1 lakh cost per beneficiary,

KWA's Justification for the Projects in Thiruvananthapuram Corporation with More Than ₹ 1 Lakh Cost Per Beneficiary:

- The projects in Trivandrum primarily focus on rejuvenation activities, including replacing old and damaged pipes, raising manholes, and rectifying sewer networks. Due to the nature of these works, maintaining a uniform cost per household benefitted is not feasible.
- The sewerage lines are designed for gravity flow, which requires varying cutting depths depending on the terrain to ensure proper slope. Factors such as high water tables, varying soil conditions, the nature of road restoration, and the density of connections also significantly impact the estimates, leading to considerable variations. Consequently, a uniform cost assessment based on average rates is neither practical nor realistic.
- It is also important to note that in certain stretches, pipelines must be laid along roads where there are no households on either side. These stretches, although not serving immediate connections, are critical as they connect different sections of the sewer network. The cost per capita for such stretches will naturally be higher. However, when considering the total cost of network laying and the overall population benefitted, the per-connection cost will be significantly reduced, justifying the expenditure.
- Also, it may be noted that in some of the DPR prepared for SWAP 3 projects, the benefitted number noted are household benefitted, but by mistake, it was described as population benefitted.
- However, when considering the total cost of all proposals under Trivandrum, the per-household cost will come within the limit. The revised HH benefitted and per HH cost for works under Trivandrum corporation is attached below.

KWA's Justification for the Projects in Kollam Corporation with More Than ₹ 1 Lakh Cost Per Beneficiary:

- The project (Asramom Package) is located within city limits, where roads are highly congested.
- Although the network area primarily serves commercial establishments, the essential sewerage components such as lifting stations, wet wells, pump sets, electromechanical items, and screen chambers cannot be reduced, as they are critical and remain consistent across all zones, leading to a similar capital cost irrespective of the number of households served.
- Notably, this zone has a higher concentration of commercial buildings compared to other zones,

resulting in fewer households. Consequently, the per-household cost exceeds ₹ 1 lakh.

- However, when considering the population benefitting from the commercial buildings, and also the total network laying cost and the population benefitted, the per-connection cost is less than ₹ 1 lakh.
- It is also important to note that this work was originally included under AMRUT 1.0 but could not be executed due to a lack of bidder participation. The project has since been transferred to AMRUT 2.0 and is now crucial, as the 12 MLD Sewage Treatment Plant (STP) at Kureepuzha is nearing completion.

The details of the 22 SWAP-3 proposals recommended by the 13th SLTC, inclusive of the corrected beneficiary household numbers of the projects of Thiruvananthapuram Corporation provided by the KWA, are as follows.

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
1	Thiruvananthapuram	Replacing existing 150 mm SW pipes with 300 mm SW pipe and construction of new manholes from Decent Mukku Junction to Pump House Road ❖ SWAP Capex: ₹1.281 Cr. ❖ SWAP O&M: ₹0.038 Cr. ❖ SWAP Total: ₹1.319 Cr. ❖ Agency: KWA	1.281	0.038	1.319	❖ Sewer Network: 338 m ❖ Manhole Work: 25 nos. ❖ Road Restoration	300	43981	300	43981
2	Thiruvananthapuram	Urgent rectification of sewerage network by replacement of damaged 150 mm SW pipes with 300 mm SW pipes and construction of new manholes from Mudavanmugal Junction (near RC Church) to Decent Mukku Junction ❖ SWAP Capex: ₹1.480 Cr. ❖ SWAP O&M: ₹0.044 Cr. ❖ SWAP Total: ₹1.524 Cr. ❖ Agency: KWA	1.480	0.044	1.524	❖ Sewer Network: 347 m ❖ Manhole Work: 15 nos. ❖ Road Restoration	100	152440	400	38110
3	Thiruvananthapuram	Urgent rectification of sewerage network by replacement of damaged 150 mm SW pipes with 200 mm SW Pipe and 250 mm SW pipe & construction of new manholes from Kunnu Bungalow to Mudavanmugal Junction ❖ SWAP Capex: ₹2.150 Cr. ❖ SWAP O&M: ₹0.065 Cr. ❖ SWAP Total: ₹2.215 Cr. ❖ Agency: KWA	2.150	0.065	2.215	❖ Sewer Network: 450 m ❖ Manhole Work: 25 nos. ❖ Road Restoration	600	36908	600	36908
4	Thiruvananthapuram	Replacement of existing damaged sewerage main from NC Hospital Junction to	1.900	0.057	1.957	❖ Sewer Network: 566 m ❖ Manhole Work: 29 nos.	63	313120	250	78280

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
		Kannettumukku Junction with 300 mm SW pipe (under Sewerage Section Kuriathy) ❖ SWAP Capex: ₹1.900 Cr. ❖ SWAP O&M: ₹0.057 Cr. ❖ SWAP Total: ₹1.957 Cr. ❖ Agency: KWA				❖ Road Restoration				
5	Thiruvananthapuram	Reconstruction of old dilapidated brick manholes, construction of new sewerage manholes, raising of manhole covers & supplying CI manhole covers in Pottakuzhy - Mulavana road stretch ❖ SWAP Capex: ₹0.750 Cr. ❖ SWAP O&M: ₹0.023 Cr. ❖ SWAP Total: ₹0.773 Cr. ❖ Agency: KWA	0.750	0.023	0.773	❖ Sewer Network: 187 m ❖ Manhole Work: 50 nos. ❖ Road Restoration	50	154600	600	12883
6	Thiruvananthapuram	Supply, erection & commissioning of various pump sets & other necessary equipment for 107 MLD Sewage Treatment Plant at Muttathara ❖ SWAP Capex: ₹2.865 Cr. ❖ SWAP O&M: ₹0.143 Cr. ❖ SWAP Total: ₹3.009 Cr. ❖ Agency: KWA	2.865	0.143	3.009	❖ Non-clog pump set (75 hp) for RAS: 6 nos. ❖ Non-clog pump set (3 hp) for WAS: 1 no. ❖ Dewatering pump (5 hp) for RAS: 1 no. ❖ Pump set (15 hp) for Chlorine Contact Tank: 1 no. ❖ Motorized Chain Pulley Block (2t) for Inlet Well: 1 no. ❖ Soft Starter for MCC unit: 16 nos. ❖ Pumping line from Septage Receiving Station to Inlet Chamber: 500 m ❖ CCTV Camera Unit: 1 no. ❖ AC units (1.5/2 t) for Admin Building: 9 nos.	50479	596	63300	475
7	Thiruvananthapuram	Reconstruction of old dilapidated brick and RCC manholes with RCC and raising manhole covers to road level and replacing RCC cover slab with CI cover (under Sasthamangalam Section) ❖ SWAP Capex: ₹0.951 Cr. ❖ SWAP O&M: ₹0.048 Cr. ❖ SWAP Total: ₹0.999 Cr. ❖ Agency: KWA	0.952	0.048	1.000	❖ Sewer Network: 42 m ❖ Manhole Work: 30 nos. ❖ Road Restoration	250	39984	250	39984
8	Thiruvananthapuram	Raising of manhole at Vivekananda Nagar, Sasthamangalam, Chadiyara Poojappura area in connection with	3.080	0.154	3.234	❖ Sewer Network: 58 m ❖ Manhole Work: 346 nos. ❖ Road Restoration	1200	26950	1200	26950

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
		commissioning of Jagathy Kootamvila Scheme and laying new sewer branch line towards Sastha Nagar SRA 144A to 144B ❖ SWAP Capex: ₹3.080 Cr. ❖ SWAP O&M: ₹0.154 Cr. ❖ SWAP Total: ₹3.234 Cr. ❖ Agency: KWA								
9	Thiruvananthapuram	Replacing and upgrading of old and damaged sewer line at Jagathy CS Road ❖ SWAP Capex: ₹0.448 Cr. ❖ SWAP O&M: ₹0.024 Cr. ❖ SWAP Total: ₹0.472 Cr. ❖ Agency: KWA	0.448	0.022	0.470	❖ Sewer Network: 362 m ❖ Manhole Work: 15 nos. ❖ Road Restoration	63	75232	250	18808
10	Thiruvananthapuram	Replacing and upgrading of old and damaged sewer line through NB Street and NSS Karayogam of Jawahar Nagar in Kowdiar Ward ❖ SWAP Capex: ₹1.386 Cr. ❖ SWAP O&M: ₹0.069 Cr. ❖ SWAP Total: ₹1.455 Cr. ❖ Agency: KWA	1.386	0.069	1.455	❖ Sewer Network: 728 m ❖ Manhole Work: 32 nos. ❖ Road Restoration	125	116408	500	29102
11	Thiruvananthapuram	Replacing old and damaged sewer line in Kunnukuzhy RC Street ❖ SWAP Capex: ₹1.030 Cr. ❖ SWAP O&M: ₹0.052 Cr. ❖ SWAP Total: ₹1.082 Cr. ❖ Agency: KWA	1.030	0.052	1.082	❖ Sewer Network: 243 m ❖ Manhole Work: 18 nos. ❖ Road Restoration	100	108150	100	108150
12	Thiruvananthapuram	Providing new sewer lines in Meleveedu Madan Kovil & Kukiliar Lane from House No. KLRA-80 to KLRA-125 in Jagathy Ward ❖ SWAP Capex: ₹0.348 Cr. ❖ SWAP O&M: ₹0.017 Cr. ❖ SWAP Total: ₹0.365 Cr. ❖ Agency: KWA	0.348	0.017	0.365	❖ Sewer Network: 210 m ❖ Manhole Work: 11 nos. ❖ Road Restoration	63	58464	250	14616
13	Thiruvananthapuram	Providing new sewer lines in Idavakkadu Lane at Vikramapuram Hill and Kalathilpuzha Lane in Kanjirampara ❖ SWAP Capex: ₹0.606 Cr. ❖ SWAP O&M: ₹0.030 Cr. ❖ SWAP Total: ₹0.637 Cr. ❖ Agency: KWA	0.606	0.030	0.637	❖ Sewer Network: 364 m ❖ Manhole Work: 20 nos. ❖ Road Restoration	30	212200	250	25464
14	Thiruvananthapuram	Replacing old and damaged sewer line at Althara Main Street and street in front of Heera Blueberry	0.652	0.033	0.685	❖ Sewer Network: 374 m ❖ Manhole Work: 15 nos. ❖ Road Restoration	63	109520	250	27380

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
		<ul style="list-style-type: none"> ❖ SWAP Capex: ₹0.652 Cr. ❖ SWAP O&M: ₹0.033 Cr. ❖ SWAP Total: ₹0.685 Cr. ❖ Agency: KWA 								
15	Thiruvananthapuram	Providing sewer line near Udara Siromani Janardhanan Pillai Road in Vazhuthacaud Ward <ul style="list-style-type: none"> ❖ SWAP Capex: ₹0.279 Cr. ❖ SWAP O&M: ₹0.014 Cr. ❖ SWAP Total: ₹0.293 Cr. ❖ Agency: KWA 	0.279	0.014	0.293	<ul style="list-style-type: none"> ❖ Sewer Network: 177 m ❖ Manhole Work: 9 nos. ❖ Road Restoration 	63	46800	250	11700
16	Thiruvananthapuram	Providing new sewer line in Housing Board Colony in Kuravankonam <ul style="list-style-type: none"> ❖ SWAP Capex: ₹0.644 Cr. ❖ SWAP O&M: ₹0.032 Cr. ❖ SWAP Total: ₹0.676 Cr. ❖ Agency: KWA 	0.644	0.032	0.676	<ul style="list-style-type: none"> ❖ Sewer Network: 364 m ❖ Manhole Work: 20 nos. ❖ Road Restoration 	63	108160	250	27040
17	Thiruvananthapuram	Providing new sewer line at Vinayaka Nagar towards Arappura area <ul style="list-style-type: none"> ❖ SWAP Capex: ₹2.309 Cr. ❖ SWAP O&M: ₹0.115 Cr. ❖ SWAP Total: ₹2.425 Cr. ❖ Agency: KWA 	2.309	0.115	2.425	<ul style="list-style-type: none"> ❖ Sewer Network: 863 m ❖ Manhole Work: 44 nos. ❖ Road Restoration 	125	193976	500	48494
18	Thiruvananthapuram	Providing new sewer line and replacing and upgrading of old and damaged sewer line from Ambalamukku Vrindavan Gardens to Oolampara Junction for rectifying sewage overflow near Ambalamukku Sree Krishna Temple <ul style="list-style-type: none"> ❖ SWAP Capex: ₹0.925 Cr. ❖ SWAP O&M: ₹0.046 Cr. ❖ SWAP Total: ₹0.971 Cr. ❖ Agency: KWA 	0.925	0.046	0.971	<ul style="list-style-type: none"> ❖ Sewer Network: 380 m ❖ Manhole Work: 20 nos. ❖ Road Restoration 	63	155312	250	38828
Sub Total: Thiruvananthapuram <ul style="list-style-type: none"> ❖ SWAP Capex: ₹23.084 Cr. ❖ SWAP O&M: ₹1.005 Cr. ❖ SWAP Total: ₹24.089 Cr. ❖ Agency: KWA – 18 nos. 			23.084	1.003	24.088	<ul style="list-style-type: none"> ❖ Sewer Network: 6053 m ❖ Manhole Work: 724 nos. ❖ Road Restoration ❖ Non-clog pump set (75 hp) for RAS: 6 nos. ❖ Non-clog pump set (3 hp) for WAS: 1 no. ❖ Dewatering pump (5 hp) for RAS: 1 no. ❖ Pump set (15 hp) for Chlorine Contact Tank: 1 no. ❖ Motorized Chain Pulley Block (2 t) for Inlet Well: 1 no. 	53800	4477	69750	3453

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
						<ul style="list-style-type: none"> ❖ Soft Starter for MCC unit: 16 nos. ❖ Pumping line from Septage Receiving Station to Inlet Chamber: 500 m ❖ CCTV Camera Unit: 1 no. ❖ AC units (1.5/2 t) for Admin Building: 9 nos. 				
19	Kollam	Rehabilitation of existing sewerage system and extension of sewerage system for Zone A1 Part II KLM SS-02 and commissioning of Asramom pumping station (balance works) ❖ SWAP Capex: ₹32.136 Cr. ❖ SWAP O&M: ₹5.244 Cr. ❖ SWAP Total: ₹37.380 Cr. ❖ Agency: KWA	32.318	5.062	37.380	<ul style="list-style-type: none"> ❖ Sewer Network: 13408 m ❖ Pumping Main: 761 m ❖ Pumping Station: 1 no. ❖ Manhole Work: 500 nos. ❖ Sewer Connection: 2301 nos. ❖ Road Restoration 	2301	162451	2301	162451
20	Kollam	Rehabilitation of existing sewerage system and extension of sewerage system for Zone A1 Part I KLM SS-01 and for commissioning of Karumalil and Vaddy pumping stations (balance works) ❖ SWAP Capex: ₹24.756 Cr. ❖ SWAP O&M: ₹5.244 Cr. ❖ SWAP Total: ₹30.000 Cr. ❖ Agency: KWA	24.756	5.244	30.000	<ul style="list-style-type: none"> ❖ Sewer Network: 5887 m ❖ Pumping Main: 660 m ❖ Pumping Station: 2 nos. ❖ Manhole Work: 98 nos. ❖ Sewer Connection: 3275 nos. ❖ Road Restoration 	3275	91603	3275	91603
21	Kollam	Zone A1 Iron Bridge Zone – Package-1 - Commissioning of sewerage system in Iron Bridge Zone by rehabilitation of existing sewerage system, extension of the sewerage systems and construction of pumping stations and wet well at Iron Bridge Zone (balance works) ❖ SWAP Capex: ₹27.369 Cr. ❖ SWAP O&M: ₹5.171 Cr. ❖ SWAP Total: ₹32.540 Cr. ❖ Agency: KWA	27.369	5.171	32.540	<ul style="list-style-type: none"> ❖ Sewer Network: 4342 m ❖ Pumping Main: 2960 m ❖ Pumping Station: 1 no. ❖ Manhole Work: 98 nos. ❖ Sewer Connection: 3566 nos. ❖ Road Restoration 	3566	91251	3566	91251
Sub Total: Kollam ❖ SWAP Capex: ₹84.261 Cr. ❖ SWAP O&M: ₹15.659 Cr. ❖ SWAP Total: ₹99.920 ❖ Agency: KWA – 3 nos.			84.443	15.477	99.920	<ul style="list-style-type: none"> ❖ Sewer Network: 23637 m ❖ Pumping Main: 4381 m ❖ Pumping Station: 4 nos. ❖ Manhole Work: 696 nos. ❖ Sewer Connection: 9142 nos. ❖ Road Restoration 	9142	109298	9142	109298

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)	HH Benefitted - Corrected (No.)	Cost per HH Benefitted - Corrected (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)					
22	Alappuzha	5 MLD Sewerage scheme for Alappuzha Municipality with STP (Phase-1) ❖ SWAP Capex: ₹64.852 Cr. ❖ SWAP O&M: ₹3.148 Cr. ❖ SWAP Total: ₹68.000 ❖ Agency: KWA	64.852	3.148	68.000	❖ STP Capacity: 5 MLD ❖ Co-treatment Capacity: 13 KLD ❖ Sewer Network: 9790 m ❖ Pumping Main: 800 m ❖ Pumping Station: 1 no. ❖ Lifting Station: 3 nos. ❖ Manhole Work: 384 nos. ❖ Sewer Connection: 2048 nos. ❖ Co-treatment: 11100 nos. ❖ Road Restoration	13148	51719	13148	51719
Grand Total – 22 Projects ❖ SWAP Capex: ₹172.197 Cr. ❖ SWAP O&M: ₹19.812 Cr. ❖ SWAP Total: ₹192.009 ❖ Agency: KWA – 22 nos.			172.379	19.628	192.008	❖ Number of STPs: 1 no. ❖ STP Capacity: 5 MLD ❖ Co-treatment Capacity: 13 KLD ❖ Sewer Network: 39480 m ❖ Pumping Main: 5681 m ❖ Pumping Station: 5 nos. ❖ Lifting Station: 3 nos. ❖ Manhole Work: 1804 nos. ❖ Sewer Connection: 11190 nos. ❖ Co-treatment: 11100 nos. ❖ Road Restoration ❖ Non-clog pump set (75 hp) for RAS: 6 nos. ❖ Non-clog pump set (3 hp) for WAS: 1 no. ❖ Dewatering pump (5 hp) for RAS: 1 no. ❖ Pump set (15 hp) for Chlorine Contact Tank: 1 no. ❖ Motorized Chain Pulley Block (2 t) for Inlet Well: 1 no. ❖ Soft Starter for MCC unit: 16 nos. ❖ CCTV Camera Unit: 1 no. ❖ AC units (1.5/2 t) for Admin Building: 9 nos.	76087	25235	92040	20861

As the Kochi Corporation had submitted the DPR of the following project on the day of the 13th SLTC, the same could not be placed in the 13th SLTC. In order to reduce the delay in issuing administrative sanction, the project is placed directly in this SHPSC for approval of administrative sanction. The details are as follows.

Sl. No.	ULB	Name of Work	Amounts as per DPR			Major Components	HH Benefitted (No.)	Cost per HH Benefitted (₹)
			Capex (₹ Cr.)	O&M (₹ Cr.)	Total (₹ Cr.)			
1	Kochi	Construction of sewage treatment plant of capacity 105 KLD for RAY Flat, Fort Kochi SWAP Capex: ₹1.134 Cr. SWAP O&M: ₹0.449 Cr. SWAP Total: ₹1.583 Cr. Agency: ULB	1.278	0.656	1.934	❖ STP Capacity: 105 KLD	199	97186

Decision to be Taken:

❖ *The committee may take note of the recommendations of the SLTC and take suitable decisions on issuance of administrative sanction for the above-mentioned projects.*

Agenda Item No.10.5: Thiruvananthapuram Corporation – Construction of Effluent Treatment Plant at the KSRTC Depot, Thampanoor:

As per letter no. E7/79579/2021 dated 04.01.2025 (**Annexure-4**), the Secretary, Thiruvananthapuram Corporation, requested to place the agenda for approval of the work, ‘Construction of Effluent Treatment Plant at the KSRTC Depot, Thampanoor’. The details are as follows:

Details of Work	Reason	Source of Fund
<p>Name of Work: Construction of Effluent Treatment Plant at the KSRTC Depot at Thampanoor</p> <ul style="list-style-type: none"> ● Sector: SEW ● Capex Cost: ₹0.416 Cr. ● O&M Cost: to be borne by KSRTC ● Council Approval: Prior approval given by the Hon’ble Mayor. 	<ul style="list-style-type: none"> ● The project is proposed to be taken up to prevent the pollution of Amayizhanjan Thodu due to the waste water released from the KSRTC Depot at Thampanoor. ● As per the decision (no.14) taken in the meeting held by the Chief Secretary on 30.12.2024 the ULB was directed to take up the project under AMRUT-2.0. ● As per the proposal submitted by the Chairman, KSRTC, the estimated cost of the project is ₹4163899.25. ● The project is planned to be implemented through KSRTC in the deposit mode. ● The ULB proposes that the ULB Share of ₹1387966.42 is to be borne by the KSRTC. ● The ULB proposes to deposit the combined Central & State share of ₹2775932.84 to the KSRTC. 	<p>The KWA has reported that there is a savings of ₹0.54 Cr., in the work, ‘Supplying and erection of pump sets, transformer and electrical accessories in the Kollavila Pumping Station’.</p> <ul style="list-style-type: none"> ● AS Amount (Capex): ₹2.37 Cr. ● TS Amount: ₹1.833 Cr. ● Savings Available: ₹0.537 Cr.

13th SLTC Decision:

❖ As the KSRTC is willing to accept the proposal put forward by the ULB, the committee decided to recommend the following to the SHPSC:

- *Approval for implementing the project, ‘Construction of Effluent Treatment Plant at the*

KSRTC Depot, Thampanoor,' under AMRUT-2.0 as a sub work of the work, 'Supplying and erection of pump sets, transformer, and electrical accessories in the Kollavila Pumping Station.'

- *Approval for implementing the project through KSRTC as a deposit work, subject to the condition that the ULB share amount of ₹0.1388 Cr. and the O&M cost involved shall be borne by the KSRTC.*
- *Approval for depositing the combined Central & State share amount of ₹0.2776 Cr. to the KSRTC.*

Decision to be Taken:

❖ *The committee may take note of the recommendations of the SLTC and take suitable decisions.*

Agenda Item No.10.6: Administrative Sanction for projects under Waterbody Rejuvenation & Parks (SWAP-2 & 3):

The rejuvenation of water bodies is a significant component of the mission. 4% of central project funds are earmarked for water body rejuvenation, and 1% is allocated for parks and green space development.

Tranche II Projects:

Under Tranche II, a total of 255 projects for water body rejuvenation, valued at Rs. 82.354 crore, were submitted. The 6th Apex Committee, convened on January 4, 2023, approved these projects. Following cancellations and replacements, the final number of approved projects stands at 248, with a total cost of Rs. 82.94 crore (Capex: Rs. 77.25 crore; O&M: Rs. 5.69 crore). Administrative sanction has been issued for 239 of these projects, amounting to Rs.75.94Cr. (Capex Rs.70.64Cr, O&M- Rs.5.30 Cr.). Seven DPRs for Rs.6.050 Cr (Capex-5.8052 cr; O & M - 0.245 Cr) are currently before the committee for administrative sanction.

Tranche III Projects:

Under Tranche III, a total of 123 water body rejuvenation projects, valued at Rs. 62.14 crore (Capex: Rs. 59.33 crore; O&M: Rs. 2.81 crore), and 73 projects for parks and green spaces, valued at Rs. 40.72 crore (Capex: Rs. 36.4 crore; O&M: Rs. 4.33 crore), were submitted. These projects were approved by the Apex Committee of the Ministry of Housing and Urban Affairs (MoHUA) during its 11th meeting on September 23, 2024.

Following this approval, Urban Local Bodies (ULBs) have submitted **121** Detailed Project Reports (DPRs) totaling Rs. **59.602 Cr. (Capex Rs. 56.855 Cr.; O& M- Rs. 2.747 Cr.)** under the water body rejuvenation sector.

A total of 128 DPRs (Tranche II & III), amounting to Rs. 65.652 crore (Capex Rs. 62.66 Crore and O&M - Rs. 2.992 Crore), are currently under review by the committee for administrative sanction under the **Waterbody Rejuvenation sector. (The list is attached as Annexure-5)**

A total of 65 DPRs (Tranche III), amounting to Rs. 34.942 Crore (Capex Rs.31.56Cr; O&M- Rs. 3.382Cr.) under the **Parks and Green Spaces Development sector**, are submitted for the issuance of administrative sanction. **(The list is attached as Annexure-6)**

During its 7th committee meeting, the SHPSC directed the CTP to assess the feasibility of all major projects proposed in Tranche 3 under the Waterbody Rejuvenation and Parks sector. Accordingly, the CTP has reviewed the feasibility of 111 waterbody rejuvenation projects and 69 park projects. It was reported that the majority of these projects are feasible, except for the following, which require either land acquisition or consent for public access:

The development of Chalayil Pond and Chalayil Soorya Pond in Guruvayoor Municipality became feasible after the acquisition of private land. The rejuvenation of the Puzhakulangara Pond in Taliparamba Municipality, Kannur District, was canceled by the 9th SHPSC due to the inability to obtain consent from the Church authorities. The development of parks near the Alisserry Temple Pond in Alappuzha Municipality proceeded after receiving public access permission.

13th SLTC Recommendation:

The committee recommend the following to the SHPSC:

Issuance of Administrative Sanction for 65 Parks and Green Spaces Development projects, totaling Rs.34.942 Cr. (CAPEX: Rs.31.56Crore; OPEX: Rs.3.382Crore). subject to the following.

- *Central Assistance will cover only the Capital Expenditure (CAPEX) and will not extend to Operational & Maintenance (OPEX) costs or land acquisition expenses.*
- *All projects must serve the public interest and secure all necessary regulatory clearances before commencement.*
- *Any costs exceeding the allocated SWAP amount must be funded by the respective Urban Local Bodies (ULBs).*
- *The upkeep of parks is essential for enhancing the quality of urban life and promoting environmental sustainability. Therefore, it is imperative to allocate sufficient funds to ensure their proper maintenance, development, and long-term preservation.*

To issue Administrative Sanctions for Waterbody Rejuvenation Projects, the Joint Directors of LSGD shall conduct a detailed field verification of each waterbody project within their respective jurisdictions. They are required to geo-tag each waterbody and submit the details to the Mission Director, AMRUT, on or before 25th January 2025. Following the submission of these reports and recommendations, the SLTC's decisions regarding the issuance of administrative sanctions for the Waterbody projects will be presented to the SHPSC for approval.

As per the instructions of the 13th SLTC, the Joint Directors of the Local Self Government Department (L.S.G.D.) conducted inspections of each waterbody site within their jurisdiction. It was reported that the geo-coordinates of the majority of the sites align with the values recorded in the MoHUA portal, except for slight discrepancies in their decimal values. Only a few sites displayed minor inconsistencies, which will be corrected in the portal (**Annexure -7**). The updated geo-coordinates, including the necessary corrections, are now being presented to the State-level High Power Steering Committee (SHPSC).

Decision to be Taken:

The committee may review the recommendations of the SLTC and take suitable decisions on

- ❖ Issuance of Administrative Sanction for 128 Water Body Rejuvenation projects, totaling Rs.65.652Crore (CAPEX: Rs. 62.66 Crore; OPEX: Rs. 2.992Crore), and 65 Parks and Green Spaces Development projects, also totaling Rs.34.942Crore(CAPEX:Rs.31.56Crore; OPEX: Rs.3.382Crore). subject to the following.
 - Central Assistance will cover only the Capital Expenditure (CAPEX) and will not extend to Operational & Maintenance (OPEX) costs or land acquisition expenses.
 - All projects, including religious pond rejuvenation, must serve the public interest and secure all necessary regulatory clearances before commencement.

- Any costs exceeding the allocated SWAP amount must be funded by the respective Urban Local Bodies (ULBs).
- ULBs should implement measures to ensure that water bodies remain consistently clean and well-maintained.
- ULBs shall ensure adequate funding for the maintenance, development, preservation, and upkeep of parks.

Agenda Item No.10.7: Cancellation of Waterbody Rejuvenation/ Parks & Green Spaces Projects under SWAP-2 & 3 and Replacement with New Projects:

Under Tranche II, a total of 255 projects for water body rejuvenation, valued at Rs. 82.354 crore, were submitted. The 6th Apex Committee, convened on January 4, 2023, approved these projects. Following cancellations and replacements, the final number of approved projects stands at 248, with a total cost of Rs. 82.94 crore (Capex: Rs. 77.25 crore; O&M: Rs. 5.69 crore). Administrative sanction has been issued for 239 of these projects, amounting to Rs.75.94Cr. (Capex Rs.70.64Cr, O&M- Rs.5.30 Cr.). Municipalities of Kottakkal, Mattannur and Vaikom have submitted requests for the cancellation of the Waterbody rejuvenation/ Parks and Green Spaces projects, as detailed below.

A. Projects for Cancellation:

Sl. No.	ULB	Name of Project	Capex in Cr.	O&M in Cr.	Project Cost in Cr.	Reason
1	Kottakkal	Water Body Rejuvenation program to Municipal Pond in Kottakkal Municipality. (Tranche II)	0.25	0.05	0.30	Since maintenance work has been arranged by the Irrigation Department, the Municipal Council has decided to cancel the original project proposal. In its place, a new proposal for the 'Kottakkal Raja's School Public Pond' has been put forward.
Total (WBR)			0.25	0.05	0.30	
2	Mattannur	Green Space Park at Poongottu Kavu (Tranche III), Kolari Ward	0.799	0.051	0.85	Permission was not granted due to the area being designated for environmental protection. Therefore, a new location at Karithoor Parambu has been proposed
3	Vaikom	Amrut 2.0- Vaikom Municipality-Park and Green Spaces- Construction of Park on the North Side of K V Canal (Tranche III)	0.35	0.037	0.387	In place of one location (North side of K.V canal), Municipality decided to set up parks and green spaces at four locations viz. K.V Canal, Ayyarkulam, Kaniyanthodu and Vallakkadavu in Vaikom Municipality.
Total (Parks and Green Spaces)			1.149	0.088	1.237	

The projects may be replaced with the new waterbody rejuvenation/ parks and Green Spaces project proposals as detailed below.

B. Projects for Replacement:

Sl. No.	ULB	Name of Project	Capex in Cr.	O&M in Cr.	Project Cost in Cr.	Description
1	Kottakkal	AMRUT 2.0 - Water Body Rejuvenation Program for Kottakkal Raja's High School Public Pond.	0.4454	0.03	0.4754	Area: 35 cent; Lat :10.99022 Long:75.9952 Components: Deepening [1816m ³], side protection wall [223m ³], Concrete [27.83m ³], handrail, fencing, pathway, lighting, etc.
Total (WBR)			0.4454	0.03	0.4754	
2	Mattannur	AMRUT 2.0 - Green Space Park at Karithoor Parambu in Mattannur Municipality.	0.56	0.04	0.60	Area: 50 cent. Lat:11.932850"N, Long:75.5 718 61"E Components: Playground, fishing pond, amphitheater, plantation, footpath, electrification, scenic viewpoints, a museum, etc.
3	Vaikom	AMRUT 2.0 - Vaikom Municipality-Park and Green Spaces- Construction of Park on the bank of KV Canal, Ayyarkulam, Kaniyanthodu and Vallakadavu” in Vaikom Municipality	0.589	0.048	0.637	Area: 60 cent; Lat:&Long:9.743,76.392;9.7674, 76.3926;9.7454,76.4059;9.7520, 76.38869. Components. Jogging track/ walkway Open mini gym, Gardens and green space, Children play area, foot path, Landscape, Ambient lighting etc.
Total (Parks and Green Spaces)			1.149	0.088	1.237	

Observation of SMMU

As per AMRUT 2.0 Guidelines Cl. 6.9.1, the SHPSC will be competent to approve replacement of projects costing up to 10% of the respective tranche of SWAP in admissible project components of AMRUT 2.0. Replacement of projects beyond 10% of the respective tranche of SWAP, if approved by SHPSC, shall be sent to the Apex Committee with proper justification for consideration and approval. The present proposal is well within 10% of Tranche 2 (Rs. 683.07 Cr.). The DPRs for the replacement projects have been submitted and scrutinized.

The excess amount of Rs. 0.1954 Cr (Rs.0.4454Cr - Rs.0.25Cr =Rs.0.1954Cr) required for the 'Kottakkal Raja's High School Public Pond' can be met by utilizing savings of Rs. 0.22 Cr from the project “AMRUT 2.0 - Water Body Rejuvenation - Renovation Works for Kottasher Public Pond in Ward 17 of Kottakkal Municipality”.

13th SLTC Recommendation:

The SLTC recommended to the SHPSC the following:

- ❖ Cancellation of “Water Body Rejuvenation Program for Municipal Pond in Kottakkal Municipality" under Tranche II and its replacement with the new project, "AMRUT 2.0 - Water Body Rejuvenation Program for Kottakkal Rajas High School Public Pond” for Rs. 0.4754Cr. [Capex; Rs.0.4454 Cr; O&M Rs 0.03Cr.] in Kottakkal Municipality.

- ❖ Cancellation of “Green Space Park at Poongottu Kavu (Tranche III), Kolari Ward” of Mattannur Municipality and its replacement with the new project ‘AMRUT 2.0- Green Space Park at Karithoor Parambu’ in Mattannur Municipality for Rs. 0.60 Cr. [CAPEX- 0.56Cr.;O&M- 0.04 Cr.].
- ❖ Cancellation of “Park and Green Spaces- Construction of Park on the North Side of K V Canal in Vaikom Municipality” and its replacement with the new project “Construction of Park on the bank of KV Canal, Ayyarkulam, Kaniyanthodu and Vallakadavu” in Vaikom Municipality for Rs0.637Cr. (Capex; Rs.0.589 Cr.: O&M - 0.048 Cr.).
- ❖ Accord the Administrative Sanctions for replacement projects subject to
 - ULBs should implement measures to ensure that water bodies remain consistently clean and well-maintained.
 - Central Assistance will cover only the Capital Expenditure (CAPEX) and will not extend to Operational & Maintenance (OPEX) costs or land acquisition expenses.
 - All projects, including religious pond rejuvenation, must serve the public interest and secure all necessary regulatory clearances before commencement.
 - ULBs shall ensure adequate funding for the maintenance, development, preservation, and upkeep of parks.

Decision to be taken:

- ❖ *The committee may take note of the recommendations of the SLTC and take a suitable decision.*

Agenda Item No.10.8: Revision of Administrative Sanction of Waterbody Rejuvenation Projects:

Eleven proposals have been received from six Urban Local Bodies (ULBs) requesting revisions to the Administrative Sanction (AS) for water body rejuvenation projects. These proposals cite reasons such as tender excess and revisions to the estimates.

A summary of the proposals is as follows:

- The Municipalities of Eloor, Koyilandy, and Palakkad have sought a revision of the AS due to tender excesses. These excess amounts have been approved by the respective ULBs in accordance with the prevailing Government Order [GO (P)No.54/2019/Fin., dated 04/05/2019] from the Finance Department, which stipulates that the maximum admissible contract PAC should be limited to the lower of the LMR or the prevailing DSR + 10% excess.
- Karunagappally and Anthoor Municipalities, and Thrissur Corporation, have requested revisions to their Administrative Sanction (AS) due to estimated revisions.

It is important to note that the Central Government may not fund any portion of the tender excess if the awarded contract cost exceeds the appraised cost. As a result, the excess amount may need to be covered by both the State and the respective ULBs.

During its 8th meeting, the State High Power Steering Committee (SHPS) decided that for AMRUT 1.0 cities, 75% of the tender excess amount should be borne by the ULB, with the remaining 25% covered by the State. For AMRUT 2.0 cities, 50% of the tender excess amount will be borne by the ULB, and the remaining 50% will be covered by the State.

A. Revision of the Administrative Sanction (AS) due to tender excess:

ULB	Name of work	Reason	AS Amount (Lakh)	Revised AS Amount (Lakh)	Total Additional Amount (Lakh)	Tender Excess State Share (Lakh)	
						State	ULB
Eloor	AMRUT 2.0-Rejuvenation of Pattupurakkal pond in Eloor municipality AS: Rs.10.0 Lakh (Capex: Rs.8.1 Lakh; O&M: Rs.1.9 Lakh.) as per G.O (Rt) No. 486/ 2024/ LSGD dated 01/03/2024. Revised AS Required: Rs.10.383Lakh. [Capex-Rs.8.483lakh.; O&M: Rs.1.9 lakh]. Area: 5 cent	Tender Excess - 4.35%.	10.00	10.383	0.383	0.192	0.191
Koyilandy	AMRUT 2.0-Rejuvenation of Nanam Chira Pond; Koyilandy Municipality AS: Rs.29.15 Lakh (Capex: Rs.26.5 Lakh; O&M: Rs.2.65 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS Required: Rs.31.511 Lakh. [Capex-Rs.28.861 lakh; O&M :Rs.2.65 Lakh] Area: 49 cent	Tender Excess - 9.0%	29.15	31.511	2.361	1.181	1.181
Palakkad	AMRUT 2.0 - Rejuvenation of Moothanthara Kshetra kulam(Temple Pond) Palakkad Municipality. AS: Rs.13.2 Lakh (Capex: Rs.12.0 Lakh; O&M: Rs.1.2 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS Required: Rs 14.144 Lakh. [Capex-Rs.12.944 Lakh; O&M :Rs. 1.2 lakh] Area: 119.1 cent	Tender Excess 8.64 %	13.2	14.144	0.944	0.236	0.708
Palakkad	AMRUT 2.0-Rejuvenation of Parakkulam Pond in Ward 34 Palakkad Municipality. AS: Rs.22 Lakh (Capex: Rs.20.0 Lakh; O&M: Rs.2.0 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS Required: Rs.23.122Lakh. [Capex-Rs.21.122Lakh;	Tender Excess 5.97%	22.0	23.122	1.122	0.281	0.841

	O&M :Rs. 2.0 lakh] Area: 44.5cent						
Palakkad	AMRUT 2.0-Rejuvenation of Nurani Grama Kulam in Ward 39 in Palakkad Municipality. AS: Rs.33.0 Lakh (Capex: Rs.30.0 Lakh; O&M: Rs.3.0 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS Required: Rs.34.503Lakh. [Capex-Rs.31.503Lakh; O&M :Rs. 3.0 lakh] Area: 103.8cent	Tender Excess 5.08%	33.0	34.503	1.503	0.501	1.002
Palakkad	AMRUT 2.0 - Rejuvenation of Karnakiyamman Valiyangadi pond in Ward 42 in Palakkad Municipality. AS: Rs.39.4 Lakh (Capex:35.82 Rs Lakh; O&M: Rs.3.58 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS required. Rs.45.286Lakh (Capex:Rs 41.71 Lakh; O&M: Rs.3.58 Lakh). Area: 67.7cent	1.Tender Excess-5.85%- 2.31 L 2. Additional works-3.58 L Total- 5.89L. 25% of the tender excess will be met by the state.(0.25* 2.31L=0.578L). ULB- 5.886-0.578=5.308L	39.4	45.286	5.886	0.578	5.308
Palakkad	AMRUT 2.0-Rejuvenation of Ardhanareesh pond in Ward 36 in Palakkad Municipality. AS: Rs.36.4Lakh (Capex: Rs.33.09 Lakh; O&M: Rs 3.31 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS required. Rs.37.433Lakh (Capex: Rs.34.123Lakh; O&M: Rs.3.31 Lakh). Area: 63.5 cent	Tender Excess 3.13%	36.4	37.433	1.033	0.258	0.775
Palakkad	AMRUT 2.0-Rejuvenation of Varithodu pond in ward 01 in Palakkad Municipality. AS: Rs.13.8Lakh (Capex: Rs.12.55 Lakh; O&M: Rs.1.25 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS required. Rs.14.512Lakh (Capex: Rs13.262 Lakh; O&M: Rs.1.25 Lakh). Area: 26.2 cent	Tender Excess 6.18%	13.8	14.512	0.712	0.178	0.534
Total					13.944	3.405	10.54

B. Revision of the Administrative Sanction (AS) due to estimate revisions:

ULB	Name of work	Reason	AS Amount (Lakh)	Revised AS Amount (Lakh)	Excess Amount (Lakh)
Anthoor	Rejuvenation of Kunjukulam pond in Anthoor Municipality AS: Rs.176.5 Lakh (Capex: Rs.175.0 Lakh; O&M: Rs.1.5 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023 Revised AS Required: Rs.206.5 Lakh (Capex: Rs.205.0 Lakh; O&M: Rs.1.5 Lakh) Area: 250 cent	Additional works, including the footpath, handrail, electrification, and floating wetland, have been proposed. The excess amount required for these works can be covered using the tender savings of Rs.32.37 lakh. (No additional financial commitment)	176.5	206.5	30.00
Karunagappally	Rejuvenation of Nagari Pond in Div. 19 of Karunagappally Municipality AS: Rs.13.20 Lakh (Capex: Rs.12.0Lakh; O&M: Rs.1.2 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD dated 26/09/2023. Revised AS Required: Rs.14.042 Lakh (Capex: Rs.12.842 Lakh; O&M: Rs.1.2 Lakh) Area: 15 cent	The amount earmarked for O&M has also been tendered and utilized for the work, therefore, an AS revision is required. The excess amount required for these will be covered by the ULB's own funds.	13.2	14.042	0.842
Thrissur	Rejuvenation of Thrikkumarakudam Kulam in Division No.51 of Thrissur Corporation. SWAP: Rs.185 Lakh (Capex: Rs.175 Lakh; O&M: 10 Lakh). AS: Rs.110 Lakh (Capex: Rs.100 Lakh; O&M: Rs.10 Lakh) as per G.O (Rt) No. 1908/ 2023/ LSGD, 26/09/2023. Revised AS Required: Rs.185 Lakh (Capex: Rs.175 Lakh; O&M: Rs.10 Lakh) Area: 222 cent	The project has been approved by MoUHA for Rs.185 lakh (Capex: Rs.175 Lakh; O&M: Rs.10 lakh). However, provisions for beautification, footpaths, gardening, gym equipment, raising of the compound wall, electrification, and water treatment mechanisms (such as aerators and floating wetlands) were not included in the DPR submitted for the issuance of the A.S and the AS was issued only for Rs. 110. These items are essential for the successful completion of the project, hence the need for a revised proposal for Rs. 185 lakh. Since MoHUA has already sanctioned Rs. 185 Lakh for the project, there is no additional financial commitment required.	110.0	185.0	75.0
	Total		299.7	405.542	105.842

<p>13th SLTC Recommendation:</p> <ul style="list-style-type: none"> ❖ The Committee recommended to the SHPSC the revision of Administrative Sanction for the projects. <ul style="list-style-type: none"> ● <i>Rejuvenation of Kunjukulam pond in Anthoor Municipality- from Rs.176.5 Lakh (Capex- 175.0 Lakh; O&M- 1.5 Lakh) to Rs. 206.5 Lakh (Capex: Rs. 205.0 Lakh; O&M: Rs.1.5Lakh) due to additional work.</i> ● <i>Rejuvenation of Nagari Pond in Div. 19 of Karunagappally Municipality, from Rs. 13.2 Lakh (Capex- 12.0 Lakh; O&M- 1.2 Lakh) to Rs. 14.0415 Lakh (Capex: Rs. 12.8415 Lakh; O&M: Rs.1.2Lakh) due to additional work.</i> ● <i>AMRUT 2.0- Rejuvenation of Thrikkumarakudam Kulam in Division No.51 of Thrissur Corporation, from Rs. 110.0 Lakh (Capex- 100.0 Lakh; O&M- 10.0 Lakh) to Rs.185.0 Lakh (Capex: Rs.175.0 Lakh; O&M: Rs.10.0 Lakh) due to additional work.</i> ❖ The Committee has decided to constitute a Tender Appraisal Committee to review the Revised Administrative Sanction (AS) proposals due to tender excess, taking into account all relevant details and project-specific requirements. The Committee will include the following members: <ol style="list-style-type: none"> 1. The Chief Engineer, the Local Self Government Department (LSGD) (Chairperson and Convenor). 2. The Deputy Chief Engineer in charge of AMRUT projects at the Kerala Water Authority (PIU-2) (Member) 3. Representative of the Finance Department. (Member) 4. Representative of SMMU AMRUT. (Member) ❖ Upon completing their evaluations, the tender-committee shall submit its recommendations to the Mission Director, AMRUT, on or before 25th January 2025. Based on these recommendations, the revised AS proposals due to tender excess will be presented to the SHPSC for final approval. The aforementioned tender committee is entrusted with reviewing all AMRUT project proposals requiring a revision of Administrative Sanction due to tender excess and providing recommendations to the SLTC.
<p>As per the instructions of the SLTC, a Committee has been constituted comprising;</p> <ul style="list-style-type: none"> ● Chairperson & Convenor: Chief Engineer, LSGD. <p>Members:</p> <ul style="list-style-type: none"> ● Deputy Chief Engineer (AMRUT), KWA (PIU-2) ● Representative of the Finance Department. (Member) ● Representative of SMMU AMRUT. (Member) <p>The Tender Appraisal Committee, during its meeting held on 28th January 2025, reviewed all the projects. The minutes of the meeting is attached (Annexure:8). After thoroughly examining each project, the Committee recommended the approval of the tender excesses, subject to the approval of the concerned Municipal Councils.</p>
<p><u>Decision to be taken:</u></p> <ul style="list-style-type: none"> ❖ <i>The committee may take an appropriate decision regarding the revision of the Administrative Sanction due to additional works and due to tender excesses subject to the approval of the Municipal Council.</i>

Agenda Item No.10.9: Water Supply Sector – Revision of Administrative Sanction of 5 Projects:

5 proposals from 5 Urban Local Bodies have been received for revising the Administrative Sanction of Water Supply projects due to tender excess/ estimate revision.

- **Pattambi ULB & Kottarakkara ULB- AS revision due to estimate revision** -The source of funds for the additional amount required by the WS projects of Pattambi and Kottarakkara ULBs is currently unavailable. The same may be managed from the savings anticipated in other projects.
- **Taliparamba ULB & Vadakara Municipalities - AS revision due to tender excess.**
The tender excesses of water supply projects of Taliparamba and Vadakara Municipalities have been accepted by the ULB and KWA in accordance with the prevailing Government Order [GO(P)No.54/2019/Fin. dated 04/05/2019] from the Finance Department, which stipulates that the maximum admissible contract PAC should be limited to the lowest of the LMR, quoted amount or the prevailing DSR + 10% excess. The works have been awarded and are in progress. As per the SHPSC decision, for 9 AMRUT 1.0 cities, 75% of the amount due to tender excess may be met by the ULB and the balance 25% may be met by the State. For AMRUT 2.0 cities, 50% of the amount due to tender excess may be met by the ULB, and the balance 50 % to be met by the State.
- **Nedumangad ULB- Ratification in issuing the TS for an amount exceeding the AS Amount by the KWA-** KWA has issued technical sanction for the water supply project in the Nedumangad ULB (5 sub works) for Rs. 11.166 Cr., exceeding the AS amount issued for Rs. 10.289 Cr. There is no additional financial commitment due to this as the excess amount can be met from the tender savings in the sub projects.

A. Revision of the Administrative Sanction (AS) due to estimate revisions:

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Excess Amount (Cr.)
Pattambi	<p>Name of the Work: AMRUT-2.0 SWAP Pattambi Municipality-Augmentation of drinking water supply scheme</p> <ul style="list-style-type: none"> ● AS Amount: Rs. 7.74 (CAPEX-7.04, OPEX-0.7) [GO(Rt)No.1906/2023/LSGD date:26.09.2023] ● Revised AS Amount Required: Rs. 9.75 (CAPEX:8.75, OPEX:1) ● Additional Amount Required over AS: Rs.1.71 Cr. <p>Council Resolution: No.02 dated 15.11.2024. (Annexure:9)</p> <p>MD KWA has recommended the revision of AS vide letter No.KWA-JB/254/2024-AE 10 dated 4.12.2024.(Annexure:9)</p> <p>Source of Fund: Savings anticipated from other projects.</p>	<ul style="list-style-type: none"> ❖ Originally the work was taken up directly by the UB itself and DPR was prepared by an agency SEUF. Since significant delay incurred in issuing TS, the 12th SLTC meeting recommended transferring the project's execution to the KWA. ❖ Subsequently, a joint inspection was conducted by KWA and ULB and identified the need to undertake essential renovation works at the existing Water Treatment Plant (WTP). 	7.04	9.75	1.71
Kottarakkara	AMRUT 2.0-UWSS to Kottarakkara Municipality -	❖ The project involves the	2.0	2.992	0.965

	<p>Design and construction of 9LL OHSR at Eyyamkundu in Kottarakkara Municipality</p> <ul style="list-style-type: none"> • AS Amount: 2.02Cr (CAPEX-2.0Cr, OPEX-0.020Cr.) [G.O(Rt)No.677/2023/LSGD dt 21/03/2023] • Revised AS Amount Required: Rs. 2.992 Cr. (CAPEX:2.965 Cr, OPEX:0.0274 Cr.) • Additional Amount Required over AS: Rs.96.5 lakhs. <p>Council Resolution: No.E2/11928/21 dated 12.6.2024.(Annexure:9) Recommendation from the MD KWA has been received on 29.1.2025..(Annexure:9) Source of fund: Savings anticipated from other projects</p>	<p>construction of a 9-LL Overhead Service Reservoir (OHSR) at Eyyamkundu in Kottarakkara Municipality. However, the proposed site for the OHSR has been relocated to a lower altitude.</p> <ul style="list-style-type: none"> ❖ As a result of this change in site elevation, the height of the OHSR needs to be increased. To accommodate this adjustment, two additional stages are required to be incorporated into the structure. ❖ The land registration has also been completed. 			
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B. Revision of the Administrative Sanction (AS) due to Tender excess:

ULB	Name of work	Reason	AS Amount (Lakh)	Revised AS Amount (Lakh)	Total Additional Amount (Lakh)	Tender Excess State Share (Lakh)	
						State	ULB
Taliparamba	<p>Construction of OHSRs at Pushpagiri and Pulimparamba, laying distribution pipeline, and providing FHTCs in Taliparamba.</p> <p>AS Amount: 6.914 Cr (CAPEX-6.414 Cr, OPEX-0.5 Cr [G.O.(Rt)No.2906/2022/LSGD Dated:24-11-2022]</p> <p>Package 1- Tender excess- Rs. 36,97,877.00 Package 2- Tender savings Revised AS Amount: Rs.7.08525 Cr. (CAPEX- 6.58525 Cr., OPEX-0.50)</p> <p>Source of Fund: Tender excess: Rs. 36,97,877.00 State Share: Rs.18,48,938.5</p>	The work has been split into two. Package 1 was awarded with a tender excess of 8.70% and package 2 with tender savings. (6.6% below)	6.414	6.585	0.1713	0.185	0.185

	<p>ULB Share: Rs.18,48,938.5</p> <p>The Council Resolution No.3 dated 11.05.2023(Annexure:9)</p> <p>MD, KWA KWA has recommended the revision of AS vide letter no. KWA-No: KWA-JB/3253/2023-AE10 dated 28.12.2024 (Annexure:9)</p>						
Vatakar a	<p>AMRUT-2.0 -WSS to Vatakara Municipality: (Total 4 packages) AS Amount: 15.777 (CAPEX-15.027, OPEX-0.75) [GO(Rt)No.473/2023/LSGD date:23.02.2023]</p> <p>Package 1</p> <ul style="list-style-type: none"> • Tender excess – Rs.46,83,027.06 /- (9.27% excess) • Revised Amount required for Package 1: 5,52,12,631.88 <p>Package 2</p> <ul style="list-style-type: none"> • Tender excess – Rs.62,15,914.32 /- (7.56% excess) • Revised Amount required for Package 2: Rs. 8,84,84,190.36 <p>Package 3</p> <ul style="list-style-type: none"> • Tender excess – Rs.1,11,342.44 /-(9.31% excess) • Revised Amount required for Package 3: 27,56,730.16 <p>Package 4</p> <ul style="list-style-type: none"> • Tender excess – Rs.9,39,221.00 /-(9.95% excess) • Revised Amount required for Package 4: Rs.1,11,85,454.82 <p>Total Tender excess- Rs.1,19,49,504.82 Water Connection Charges- Rs.22,08,700.00 Electrification Charge- Rs.4,05,000.00 Investigation Charge- Rs.5,00,000.00 Total Revised AS Amount Required: Rs. 16,07,52,707(CAPEX) Revised AS Amount: Rs.16.83 Cr. (CAPEX- 16.08 Cr., OPEX- 0.75) Source of Fund:</p> <ul style="list-style-type: none"> • Total fund:1,19,49,504.82 • State share:59,74,752.41 • ULB Share: 59,74,752.41 <p>MD KWA has recommended the</p>	<p>The work has been split to four Packages. All works have been awarded with tender excess and in progress.</p> <p>Total amount required for tender excess- Rs. 1.20 Cr.</p> <p><i>Package 1- 9.27% tender excess</i> <i>Package 2- 7.56% tender excess</i> <i>Package 3- 9.31% tender excess</i> <i>Package 4- 9.95% tender excess</i></p>	15.027	16.08	1.053	0.60	0.60

revision of AS vide letter KWA-JB/106/2024-AE dated 6.1.2025. (Annexure:9) The council held on 19.08.2023 vide Resolution No 02 decided to request for AS revision. (Annexure:9)						
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C. Ratification of the action taken by KWA as the TS amount exceeded the AS Amount:

ULB	Name of work	Reason	AS Amount (Cr.)
Nedumangad	<p>Name of the Work: UWSS to Nedumangad Municipality- Replacing undersized and old dilapidated pipelines and providing FHTCs in Nedumangad.</p> <ul style="list-style-type: none"> AS Amount: Rs. 10.80 Cr. (CAPEX: 10.289 Cr., OPEX: 0.515 Cr. [G.O.(Rt)No.473/2023/LSG Ddate:23.02.2023]) Additional Amount Required over AS: NIL (can be met from the tender savings of the sub-projects) Council Resolution: No.12 dated 30.11.2024. (Annexure:9) MD KWA has recommended the same vide letter KWA-JB/3052/2023-AE 10 dated 6.1.2025. (Annexure:9) <p>Source of Fund:</p> <ul style="list-style-type: none"> No additional financial commitment due to this. The excess amount can be met from the tender savings of the sub-projects. 	<p>Initially, the project was divided into four packages, for which Technical Sanctions (TS) were granted by the SE office, KWA, amounting to Rs. 10,25,10,000. These packages were tendered and awarded to four different contractors for a total of Rs. 9,22,20,000, resulting in tender savings. Utilizing these savings, KWA introduced a fifth package with a TS amount of Rs. 91,46,182, which was subsequently tendered and awarded at Rs. 79,11,951. This brought the total cost of the five packages to Rs. 11,16,56,182, exceeding the sanctioned AS amount by Rs. 87,65,182. However, the total project cost of Rs. 10,01,31,951 (as per the Revised Estimate sanctioned) remains well within the AS amount.</p> <p>Procedurally, it is mandated that the TS should not exceed the AS amount. In this instance, the inclusion of the fifth package has resulted in a deviation from this. The overall project cost is within the sanctioned limit and the works taken up under Package 5 have been completed.</p>	10.289

13th SLTC Recommendation:

- ❖ The Committee recommended the revision of the Administrative Sanction for the following water supply projects to the SHPSC;
 - Pattambi Municipality-Augmentation of drinking water supply scheme to Revised AS Amount Required: Rs. 9.75 (CAPEX:8.75, OPEX:1.0), due to estimate revision.
 - Kottarakkara Municipality: AMRUT-2.0 -UWSS to Kottarakkara Municipality -Design and construction of 9LL OHSR at Eyyamkunnu- to Rs. 2.992 Cr. (CAPEX:2.965 Cr, OPEX:0.0274 Cr.) subject to the recommendation of the Managing Director, KWA.
- ❖ The JMD, KWA was instructed to submit the recommendation of MD, KWA within a week.

- ❖ The Tender appraisal committee constituted vide decision No.13.8 has to review the Revised Administrative Sanction (AS) proposals due to tender excess for the water supply projects of Vadakara and Thaliparamba Municipalities, as well as the revised AS proposal for Nedumangad Municipality, where the Technical Sanction (TS) amount exceeds the approved AS, taking into account all relevant details and project-specific requirements.
- ❖ The Tender excess appraisal committee shall submit its recommendations to the Mission Director, AMRUT, on or before 25th January 2025. Based on these recommendations, the revised AS proposals due to tender excess will be presented to the SHPSC for final approval.

The Tender Appraisal Committee, during its meeting held on 28th January 2025, reviewed all the projects. The minutes of the meeting is attached (**Annexure:8**). After thoroughly examining each project, the Committee recommended the approval of the tender excesses for the water supply projects of Vadakara and Thaliparamba and also decided to recommend the ratification of action taken by KWA in issuing TS exceeding the AS amount for the water supply project of Nedumangad Municipality.

Decision to be taken:

The Committee may accord sanction for the revision of the Administrative Sanction for the following water supply projects due to estimate revision;

- ❖ **Pattambi Municipality-Augmentation of drinking water supply scheme to Revised AS Amount Required: Rs. 9.75 (CAPEX:8.75, OPEX:1.0), due to estimate revision.**
- ❖ **Kottarakkara Municipality: AMRUT-2.0 -UWSS to Kottarakkara Municipality -Design and construction of 9LL OHSR at Eyyamkundu- to Rs. 2.992 Cr. (CAPEX:2.965 Cr, OPEX:0.0274 Cr.)**

Considering the recommendation of the Tender Appraisal Committee, Committee may accord sanction for the revision of the Administrative Sanction for the following water supply projects;

- ❖ *Taliparamba Municipality: AMRUT-2.0 -Construction of OHSRs at Pushpagiri and Pulimparamba, laying distribution pipeline and providing FHTCs to Rs.7.0853 Cr. (CAPEX- 6.5853 Cr., OPEX- 0.50), due to tender excess of 8.7% above the TPAC on condition that 50% of the amount due to tender excess (Rs.36.979 lakhs) may be met by the ULB, and the balance 50 % to be met by the State.*
- ❖ *Vadakara Municipality: AMRUT-2.0 -WSS to Vadakara Municipality to Rs.16.83 Cr. (CAPEX- 16.08 Cr., OPEX- 0.75) due to tender excess and on condition that 50% of the amount due to tender excess (Rs.1.195 Cr.) may be met by the ULB, and the balance 50 % to be met by the State.*

Considering the recommendation of the Tender Appraisal Committee, the procedural lapse from the KWA in issuing a TS for an amount exceeding the AS amount for the water supply project of Nedumangadu Municipality - UWSS to Nedumangad Municipality- Replacing undersized and old dilapidated pipelines and providing FHTCs in Nedumangad be ratified.

Agenda Item No.10.10: Kothamangalam Municipality – Micro water Schemes- AS Revision due to tender excess :

Three proposals for revisions to the Administrative Sanction (AS) for Micro water supply projects have been received from the Kothamangalam Municipality due to tender excess.

These excess amounts have been accepted by the respective ULBs in accordance with the prevailing Government Order [[GO (P)No.30/2022/Fin., dated 14/03/2022]] from the Finance Department, which stipulates that the maximum admissible contract PAC should be limited to the lower of the LMR or the prevailing DSR + 10% excess.

As per the SHPSC decision, for 9 AMRUT 1.0 cities, 75% of the amount due to tender excess may be met by the ULB and the balance 25% may be met by the State. For AMRUT 2.0 cities, 50% of the amount due to tender excess may be met by the ULB, and the balance 50 % to be met by the State.

The technical committee held by the CE/ LSGD on 16/11/2024 had decided to approve the tender excesses with the condition of ratification of tender excesses which is to be obtained from the upcoming SLTC and further with SHPSC.

ULB	Name of work	Reason	AS Amount CAP EX (Cr)	Revised AS Amount CAP EX (Cr)	Total Additional Amount (Cr)	Tender Excess State Share (Cr)	
						State	ULB
Kotha mangalam	<p>Puthuppadi drinking water scheme AS Amount: 1.019 Cr. (Capex 0.97 Cr. + Opex-0.049 Cr.) [G.O.(Rt)No.1909/2023/LSGD ; Dated-26-09-2023] No. of times tendered-2 times Accepted PAC + GST @ 18%: 1,03,44,058.2/- Tender excess – Rs.6,50,844 /-(6.714% excess) Excess Amount required-6,44,058 from AS Revised AS Amount: Rs.1,08,34,058.2 (Capex-1,03,44,058.2, Opex-4,90,000) Council decided to meet 50% of the tender excess vide Council Decision: No. 26 dated 30.10.2024. (Annexure:9)</p>	Tender Excess – 6.714%	0.97	1.034	0.064	0.0325	0.0325
Kotha mangalam	<p>Valiyapara drinking water scheme AS Amount: 1.491 Cr. (Capex 1.42 Cr. Opex 0.071 Cr.) [G.O.(Rt)No.1909/2023/LSGD Dated-26-09-2023] No. of times tendered-2 times Accepted PAC + GST @ 18%: 15486476.9/- Tender excess – Rs.1320429.4/-(9.32% excess) Excess amount required:</p>	Tender Excess - 9.32%	1.42	1.548	0.1286	0.066	0.066

	12,86,476.9 from AS Revised AS Amount: Rs.1, 61, 96, 476.9 (Capex -1, 54, 86, 476.9/- Opex – 7,10,000/-) Council decided to meet 50% of the tender excess vide Council Decision: No. 19 dated 8.11.2024.(Annexure:9)						
Kothamangalam	Karingazha drinking water scheme AS Amount: 1.748 Cr (Capex 1.665 Cr. + Opex- 0.083 Cr.) [G.O.(Rt) No. 1909/2073 /LSGD Dated-26-09-2023] <ul style="list-style-type: none"> • No. of times tendered-2 times • Tender excess – Rs 15,74,860/- (9.46 %) • Accepted PAC + GST @ 18%: 1,82,19,473.09/- • Excess amount required: 15,69,473 from AS Revised AS Amount: Rs. 1,90,49,473/- (Capex- 1,82,19,473, Opex—8,30,000 /-) Council decided to meet 50% of the tender excess vide Council Decision: No. 33 dated 23.12.2024. (Annexure:9)	Tender Excess - 9.46 %	1.665	1.822	0.157	0.079	0.079

13th SLTC Recommendation:

❖ Considering that the technical committee held by the CE/ LSGD on 16/11/2024 had recommended to approve the tender excesses, the Committee recommended the revision of the Administrative Sanction for the following Micro water supply projects in Kothamangalam ULB to the SHPSC;

- *Puthuppadi drinking water scheme to Rs 1,08,34,058.2/- (Capex – 1,03,44,058.2/- Opex – 4,90,000/-, due to tender excess of 6.714% above the TPAC and on condition that 50% of the amount due to tender excess (6,50,844/-) may be met by the ULB, and the balance 50 % to be met by the State.*
- *Valiyapara drinking water scheme to Rs 1,61,96,476.9/- (Capex -1,54,86,476.9/- Opex – 7,10,000/-), due to tender excess of 9.32% above the TPAC and on condition that 50% of the amount due to tender excess (Rs 1320429.4/-) may be met by the ULB, and the balance 50 % to be met by the State.*
- *Karingazha drinking water scheme to Rs 1,90,49,473/- (Capex -1,82,19,473/- Opex – 8,30,000/-), due to tender excess of 9.46% above the TPAC and on condition that 50% of the amount due to tender excess (Rs 15,74,860/-) may be met by the ULB, and the balance 50 % to be met by the State.*

Decision to be taken:

- ❖ *The committee may review the recommendations of the SLTC and make a suitable decision accordingly.*

Agenda Item No.10.11: Micro water Schemes- Cancellation of Projects approved under SWAP 1 in Panoor & Sreekandapuram Municipalities:

Panoor Micro water supply scheme:

The allocated fund for the Panoor Municipality for the water supply scheme is Rs. 18.02 Cr. Under the SWAP 1, AS was issued for four out of five MWSS projects amounting to Rs. 2.681 Cr. The remaining one project at Kakkayapurathu scheme seems to be of low yielding and subsequently, the project has been cancelled by the ULB and this cancellation has been accepted by the MoHUA.

Sl. No.	ULB	Name of Project	SWA P	Capex in Cr.	O&M in Cr.	Project Cost in Cr.	Reason
1	Panoor	Kakkayapprath Koovappadi water supply scheme	1	0.280	0.015	0.295	The Micro water supply project at Kakkayapprath Koovappadi water supply Scheme has been cancelled by the ULB due to low yield of the open well which could not cater to the drinking water requirements of the proposed water supply scheme. Hence, another site selection process is happening from the Panoor ULB.

Sreekandapuram Micro water supply scheme:

The allocated fund for the Sreekandapuram Municipality for the Micro water supply scheme is Rs. 9.729 Cr. Under the SWAP 1&2, four MWSS projects were approved for Rs.9.729 Cr. AS has been issued for MWSS project- Nedyenga Suvaradhara DWSS amounting to Rs. 91.9 lakhs. The detailed project report is under preparation for Madampam DWSS. The ULB reported that the remaining two projects with CAPEX Rs. 3.5 Cr needs to be cancelled due to very low yields.

Sl. No.	ULB	Name of Project	SW AP	Capex in Cr.	O&M in Cr.	Project Cost in Cr.	Reason
1	Sreekandapuram	Nedyenga PHC DWSS ID- KL- SREEKANDAPURAM-8935	2	1.500	0.150	1.650	The proposed Micro water supply scheme at Nedyenga PHC DWSS, stands cancelled due to the very low yield of the proposed open wells. Hence, the Council has resolved to cancel the above projects vide Resolution No: 10, dated 9/8/2014. (Annexure:10)
2	Sreekandapuram	Payattuchal DWSS ID-KL-	2	2.000	0.200	2.200	The proposed Micro water supply scheme at Payattuchal DWSS stands

		SREEKANDAPUR AM-8933					cancelled due to very low yield of the proposed open wells. Hence, the Council has resolved to cancel the above projects vide Resolution No: 10, dated 9/8/2014. . (Annexure:10)
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13th SLTC Recommendation:

- ❖ The SLTC recommended to the SHPSC the cancellation of following Micro water supply projects:
 1. Panoor Municipality- "Kakkayapprath Koovappadi water supply scheme" under Tranche I for Rs. 0.295Cr. [Capex; Rs.0.280 Cr; O&M Rs 0.015 Cr.]
 2. Sreekanadapuram Municipality- "Nediyenga PHC DWSS" under Tranche II for Rs. 1.65Cr. [Capex; Rs.1.50 Cr; O&M Rs 0.15 Cr.]
 3. Sreekanadapuram Municipality- "Payattuchal DWSS" under Tranche II for Rs. 2.20Cr. [Capex; Rs.2.0 Cr; O&M Rs 0.20 Cr.]
- ❖ The committee has recommended that the replacement for canceled projects on MWSS has to be submitted within 3 months time. or else, the fund allocated for the ULB will be diverted to other sector development works.

Decision to be taken:

- ❖ *The committee may review the recommendations of the SLTC and make a suitable decision accordingly.*

Agenda Item No.10.12: SWAP 3: Valanchery- Administrative Sanction of Five Micro water Supply Schemes

The Micro water supply scheme of Valancherry comprises Kalayana Urava Water Supply Scheme with a check dam for Rs. **8.567 Cr.** and five micro-projects for Rs. **Rs. 3.862 Cr. was approved** under SWAP-3, The proposed project addresses water scarcity in Valanchery Municipality, particularly in higher elevation areas where the KWA could not provide potable drinking water supply. The initiative aims to ensure year-round availability of clean potable drinking water through sustainable measures, benefiting 13 wards.

The Municipal Council vide resolution No.06 dated 6.1.2024 has decided to approve the detailed project report of 5 micro-projects targeting specific areas: (Annexure:11)

- Muchickal: Aimed at 210 households.
- Kottaram: Targeting 290 households.
- Karthala: Benefiting 240 households.
- Nirappu: Serving 100 households.
- Thazhangady: Designed for 130 households.

Infrastructure includes open wells, overhead tanks, pipelines, and distribution systems tailored to local needs.

Project Overview

Total Project Cost- 5.17 Cr

CAPEX Cost- 4.92 Cr

O & M Cost- 0.25 Cr

1. Muchickal Drinking Water project:

- A well with a 5-meter diameter and a depth of 8 meters from ground level.
- FHTC-210 Nos
- PUMPING MAIN TO OVERHEAD TANK - 50MM – 1120 metre
- OVERHEAD WATER TANK Capacity of 10,000 litre at level difference of 50 m4.
MOTOR - 10HP
- DISTRIBUTION LINE - 75mm 1200m length
- Feasibility from Ground Water Authority Obtained
- Project cost-1.05 crore

2. Kottaram Drinking Water project

- 5m diameter well & at the depth of 8 m from ground level.
- FHTC-290 Nos
- PUMPING MAIN TO OVERHEAD TANK - 50MM – 750 metre
- OVERHEAD WATER TANK Capacity of 10,000 litre 14. MOTOR - 10HP.
- DISTRIBUTION LINE - 75mm 1000m left side &900 m right side length
- Feasibility from Ground Water Authority Obtained
- Project cost-1.35 crore

3. Karthala Drinking Water project: -

- 5m diameter well & at the depth of 8 m from ground level.
- FHTC-240 Nos
- PUMPING MAIN TO OVERHEAD TANK - 50MM – 1120 metre
- OVERHEAD WATER TANK Capacity of 30,000 litre 14. MOTOR - 10HP.
- DISTRIBUTION LINE - 75mm 1400 m length
- Feasibility from Ground Water Authority Obtained
- Project cost-74 Lakhs

4. Nirappu Drinking Water project: -

- 4m diameter well & at the depth of 8 m from ground level.
- FHTC-100 Nos
- PUMPING MAIN TO OVERHEAD TANK - 50MM – 775 metre
- OVERHEAD PVC WATER TANK Capacity of 10000 litre in steel structure-4.
MOTOR - 10HP.
- DISTRIBUTION LINE - 75mm 450 m length
- Feasibility from Ground Water Authority Obtained
- Project cost-48 Lakhs

5. Thazhathangady Drinking Water project: -

- 5m diameter well & at the depth of 8 m from ground level.
- FHTC-180 Nos
- PUMPING MAIN TO OVERHEAD TANK - 50MM – 1015 metre
- OVERHEAD PVC WATER TANK Capacity of 10,000 litre 5000x 2 No in steel structure-4.
MOTOR - 20HP
- DISTRIBUTION LINE - 75mm 900 m length
- Feasibility from Ground Water Authority Obtained
- Project cost-89 Lakhs

SUMMARY OF THE PROPOSED PROJECT:

Project Name	Well Details	FHTC	Pumping Main to Overhead Tank	Overhead Tank Capacity	Distribution line	Feasibility from Ground water department	Project Cost in (crores)	Unit Cost
Muchikkal	5m diameter, 8m depth	210	50mm 1120m	10,000 litres	75mm, 1200m	Obtained	1.05	50,000
Kottaram	5m diameter, 8m depth	290	50 mm, 750m	10,000 litres	75mm, 1000m (left) + 900m (right)	Obtained	1.35	46552
Karthala	5m diameter, 8m depth	240	50 mm, 1120m	30,000 litres	75mm, 1400m	Obtained	1.15	47917
Nirappu	4m diameter, 8m depth	100	50 mm, 775m	10,000 litres (PVC)	75mm, 450m	Obtained	0.48	48000
Thazhangady	5m diameter, 8m depth	180	50 mm, 1051m	10,000 litres (PVC)	75mm, 900m	Obtained	0.89	49444
Total		970 Nos	4816 m		5820 m		4.92	

13th SLTC Recommendation:

- ❖ The committee accepted to the above projects put forth and have recommended to the SHPSC for issuing Administrative Sanction of the five Micro water supply projects of Valancherry Municipality for a total Project Cost of Rs.5.17 Cr. (CAPEX Cost- Rs. 4.92 Cr, O & M Cost-Rs. 0.25 Cr.)

Decision to be taken:

- ❖ *The committee may take note of the recommendations of the SLTC and take a suitable decision.*

Agenda Item No.10.13: Conditional approval of Micro water Supply Schemes at Wadakkanchery:

The allocated fund for the Wadakkanchery Municipality water supply scheme is Rs. 20.075 crore. Under SWAP 1, three MWSS projects, comprising 22 sub-projects, were approved for Rs. 16.075 crore. However, no progress has been made so far because the yield testing and water quality assessment could be possible only after the construction of new open wells and conducting the yield test analysis. The Ground Water Department has also advised accordingly. The ULB has requested vide letter No. NIL dated 15.1.2024 ([Annexure:12](#)) for issuing the conditional AS for the project for the construction of open wells or dug wells and if the proposed construction of an open/dug well and its yield testing/analysis fail/are not satisfactory to the micro water supply scheme, the Wadakkanchery Municipality will pay the amount/ cost involved for the above activity from their own funds. Prior approval of the Chairman, Wadakkanchery Municipality is attached as [Annexure 12](#).

Sl. No.	ULB	Name of Project	SWAP No.	Capex in Cr.	O&M in Cr.	Project Cost in Cr.
1	Wadakkanchery	AMRUT 2.0 Wadakkanchery Municipality Neeliara Drinking water scheme.	1	4.075	0.400	4.475

2	Wadakkanchery	AMRUT 2.0 Wadakkanchery municipality- pathazhakundu drinking water scheme.	1	6.000	0.600	6.600
3	Wadakkanchery	AMRUT2.0 Wadakkanchery Municipality - Chathanchira Drinking Water Scheme for wards no 11,12,13 and 14.	1	6.000	0.600	6.600

It is hereby proposed that a conditional sanction may be considered for the construction of open wells or dug wells at strategic locations selected by the ULB in due consensus with the community. Further, if the proposed construction of an open/dug well and its yield testing/analysis fail/are not satisfactory to the micro water supply scheme, the Wadakkanchery Municipality should pay the amount/ cost involved for the above activity from their own funds.

13th SLTC Recommendation:

- ❖ The committee has accepted to strategies and modalities put forth and have recommended for the conditional approval of the following Micro water supply schemes in Wadakkanchery Municipality;
 - *Neeliara Drinking water scheme with Project Cost of Rs. 4.475Cr. (CAPEX - Rs. 4.075 Cr & O&M 0.400 Cr).*
 - *Pathazhakundu drinking water scheme with Project Cost of Rs. 6.600 Cr. (CAPEX - Rs. 6.000 Cr & O&M 0.600 Cr).*
 - *Chathanchira Drinking Water Scheme for wards 11, 12, 13 and 14. with a Project Cost of Rs. 6.600 Cr. (CAPEX - Rs. 6.000 Cr & O&M 0.600 Cr).*

Decision to be taken:

- ❖ *The committee may accord conditional approval of the above mentioned Micro water supply schemes in Wadakkanchery Municipality on condition that if the proposed construction of an open/dug well and its yield testing/analysis fail/are not satisfactory to the micro water supply scheme, the Wadakkanchery Municipality should pay the amount/ cost involved for the above activity from their own funds.*

Agenda Item No.10.14: Jal Hi Amrit Sub Scheme Under AMRUT-2.0 Reforms:

The MoHUA has launched a sub scheme named as "Jal Hi AMRIT" under AMRUT 2.0 reforms. Under this initiative, it is envisaged to incentivize States & UTs to manage the used water (sewage) treatment plants (UWTPs/STPs) efficiently for ensuring recyclable good quality treated water, meeting environmental standards, on a sustained basis. Regarding this initiative, the first meeting (online) was held under the Chairmanship of the Additional Secretary, MoHUA, on 04.09.2024. ₹1300 Cr. is earmarked as incentive to States/UTs on a first-come first-serve basis.

Implementation Strategy:

- ULB's/ Parastatal will apply for STPs in their city through filling up STPs' details on the AMRUT 2.0 online module.
- Self-assessment will be enabled as per the parameters in the devised-template.
- STPs will be reviewed by an independent third party, periodically.
- Preliminary field verification along with water quality sample testing.
- Detailed analysis of gap assessment.
- Focused training programmes of field officials including O&M operations.

- Mid-course assessment visit at the STP and water quality sample testing.
- Final assessment visits and water quality testing at the end of six-month period.
- STPs will be commended with Clear Water Credit in terms of Star Rating based on their performance.
- Revalidation after 6 Months.

Proposed Incentive:

Star Rating	Group - I	Group - II	Group - III	Group - IV	Group - V
	STPs with Treatment Capacity (in MLD)				
	< 5	5 to 10	10 to 50	50 to 100	> 100
*****	0.75 Cr.	1.5 Cr.	4 Cr.	6 Cr.	8 Cr.
****	0.5 Cr.	1 Cr.	2 Cr.	3 Cr.	5 Cr.
***	0.25 Cr.	0.75 Cr.	1 Cr.	2 Cr.	3 Cr.

- STPs with rating 3 Star & above will be eligible for incentive.
- 70:30 incentive release structure is proposed.
- Upfront 70%, after rigorous evaluation and capacity building.
- Remaining 30%, after successful maintaining of star rating for next 6 months.
- 4 Star & 3 Star-rated STPs will also be eligible for balance incentive
 - Upon upgradation of their Standards to 5 Star & 4 Star rating respectively by next year
 - Balance incentive will be given as earmarked for higher rating.

Conditions Related to the Fund Release and its Utilization:

Conditions for Fund Release	Utilization of Incentives
<p>Setting-up Water Resource Recovery Cell (WRRC) at State level</p> <ul style="list-style-type: none"> • Cell comprising of government representatives to oversee STPs, expedite their implementation, and operate them <ul style="list-style-type: none"> ○ Urban Development ○ Irrigation/ Agriculture ○ Power ○ Public Health ○ Industrial ○ State Pollution Control Board ○ ULBs officers • Creation of Escrow Account 	<ul style="list-style-type: none"> • Operational efficiency improvement measures • Technology upgradation • Capital expenditures for reuse infrastructure • Setting up of Real Time Data Management System like OCEMS, SCADA • Capacity Building of Staff • Setting up of new & renewable energy for running STPs • Management of biosolids

Expectations from the States/UTs/ULBs:

- ULBs/ Parastatals to onboard their STPs by submitting the required details on the AMRUT 2.0 online module.
- Set up a Water Resource Recovery Cell (WRRC) at the State level.
- Create an escrow account at ULB level.
- States and ULBs to identify human resources capacity constraints so that training could be provided.
- State-wise nodal officers engaged to support the States/ UTs & ULBs.

Action Taken and Current Status:

The details of the Jal Hi Amrit initiative including the tool kit was forwarded to the Secretaries of all 93 ULBs and the Managing Director, KWA via letter dated 13.09.2024. Under this initiative the details of STPs in AMRUT-1.0 ULBs as well as non-AMRUT-1.0 ULBs can be uploaded in the online platform provided by the MoHUA. The collection of details of STPs and its entry in the Jal Hi Amrit online platform was done through the CMMUs. As per the D.O. letter dated 18.10.2024, the deadline given by MoHUA for the entry of details in the portal is 30.10.2024. Before the deadline, the details of 19 operational STPs (total capacity – 129.155 MLD) in the State

were submitted in the online platform for the perusal of MoHUA. Out of the 19 STPs submitted for verification of MoHUA, 1 STP is falling under the Group-V category (>100 MLD), 2 STPs are falling under the Group-II category (5 to 10 MLD), and 16 STPs (<5 MLD) are falling under the Group-I category.

As per the guidelines of the Jal Hi Amrit initiative these STPs will be assessed by an independent third-party agency (Quality Council of India) by conducting field verification along with water quality sample testing. The 1st phase of the field verification was held from 18.11.2024 to 28.11.2024. The marks obtained by these STPs (out of 500) after the 1st phase of field verification are as follows:

Sl. No.	ULB	STP Location	Capacity (MLD)	AMRUT/ Non AMRUT	Score-1
1	Thiruvananthapuram	Muttathara	107	Non-AMRUT	207.5
2	Thiruvananthapuram	Medical College	5	AMRUT	180
3	Alappuzha	General Hospital	0.24	AMRUT	150
4	Alappuzha	Chathanad	0.015	Non-AMRUT	67.5
5	Kochi	Elamkulam	5	AMRUT	190
6	Kochi	Marine Drive	0.9	Non-AMRUT	72.5
7	Kochi	Kaloor Stadium	0.75	Non-AMRUT	0
8	Paravoor (North)	Taluk Hospital	0.15	Non-AMRUT	90
9	Thrissur	General Hospital	0.36	AMRUT	150
10	Guruvayur	Chakkamkandam	3	Non-AMRUT	105
11	Tirur	Private Bus Stand	0.05	Non-AMRUT	25
12	Malappuram	Municipal Bus Stand	0.03	Non-AMRUT	0
13	Kottakkal	Municipal Bus Stand	0.02	Non-AMRUT	97.5
14	Kozhikode	Medical College	2	AMRUT	145
15	Kozhikode	Medical College	1	AMRUT	162.5
16	Kozhikode	Medical College	2	Non-AMRUT	87.5
17	Sulthan Bathery	Taluk Hospital	0.14	Non-AMRUT	170
18	Taliparamba	Palayad	0.5	Non-AMRUT	157.5
19	Kannur	Padannapalam	1	AMRUT	167.5
Total			129.55	AMRUT-7 & Non-AMRUT-12	

The 2nd phase of field verification was held from 22.01.2025 to 03.02.2025. The knowledge sharing and capacity building sessions under JHA are being done through the Administrative Staff College of India (ASCI). The same has been started for Kerala on 03.12.2024 and is in progress. Active participation in the capacity-building courses and quiz assessments will contribute to the final score. Based on the field verifications, and the participation in the capacity-building courses and quiz assessments the star rating will be given to these STPs and the incentives will be provided according to the star rating obtained.

One of the conditions of fund release under the Jal Hi Amrit is the formation of a Water Resource Recovery Cell for the State for overseeing the implementation and operation of STPs. In this regard a request has been submitted to the Govt. (letter dated 11.09.2024) for formation of a Water Resource Recovery Cell (WRRC) for the State comprising representatives from the Local Self Government Dept., Irrigation/Agriculture Dept., Kerala State Electricity Board, Kerala Water Authority, Kerala Pollution Control Board, and Urban Local Bodies.

13th SLTC Recommendation:

- ❖ The committee took note of the details, action taken, and current status of the Jal Hi Amrit initiative and decided to recommend the following to the SHPSC.
 - *Approval of the formation of a Water Resource Recovery Cell for the State as stipulated in the conditions of fund release under Jal Hi Amrit, comprising representatives from the Local Self Government Dept., Irrigation/Agriculture Dept., Kerala State Electricity Board, Kerala Water Authority, Kerala Pollution Control Board, and Urban Local Bodies.*
- ❖ The committee also directed the secretaries of the ULBs and officials of the agencies concerned with the STPs submitted under the Jal Hi Amrit to go through the report cards of the STPs obtained after the 1st phase of field verification and take necessary actions to improve the scores before the 2nd phase of field verification commences.

As per the letter dated 30.01.2025 [No. K-16011/8/2024-AMRUT (PartII), [Annexure-13](#)], the MoHUA has issued an advisory to the states regarding formation of the WRRC.

Decision to be Taken:

The committee may take note of the action taken and the current status of the Jal Hi Amrit initiative. The committee may take note of the recommendations of the SLTC and the advisory issued by the MoHUA regarding the formation of the Water Resource Recovery Cell (WRRC) and take suitable decisions accordingly

Agenda Item No.10.15: Progress of AMRUT MITRA:

The AMRUT 2.0 guidelines emphasize the involvement of women's self-help groups (SHGs) in certain aspects of water management, including water demand management, water quality testing, and water infrastructure operations. To enhance the participation of these SHGs in the water sector nationwide, the Government of India, in collaboration with NULM, has launched a program called 'AMRUT Mitra.' This initiative aims to empower women in water infrastructure and related projects through a comprehensive approach.

Projects, in the range of ₹2 lakh (minimum) to ₹10 lakh (maximum) per project can be taken up under AMRUT Mitra. 3% of fund allocated for AMRUT Mitra projects can be used for the Capacity Building and Technical Training.

Phase 1- MITRA:

Under Phase 1, 31 projects worth ₹298.35 lakh were selected by 13 Urban Local Bodies (ULBs) and approved by the Ministry of Housing and Urban Affairs (MoHUA). Work orders have been issued for all 31 projects, and 223 SHG members have been onboarded.

24 works were started on-site. **6 works under Community based Water Testing, Institutional Water Testing (Kollam, Punalur, Guruvayoor, Cherthala, Alappuzha, & Thiruvalla), and a billing and meter reading work at Alappuzha are yet to be started at the site.** The MoHUA has released the 1st instalment of ₹ 74.5875 lakhs in March 2024. The expenditure incurred so far is ₹ 60.22 lakh.

Phase 3- MITRA:

Under Phase 3, 230 projects worth ₹ 20.34 Cr. of 83 ULBs were approved by the Ministry of Housing and Urban Affairs (MoHUA) on 29th October 2024. Of which, the work orders were issued for 40 works.

Phase 4- MITRA:

Under phase 4, 159 projects submitted by the 62 ULBs worth ₹ 15.05927 Cr. were approved by the Ministry of Housing and Urban Affairs (MoHUA) on 10th January 2025. Of which, the work orders were issued for 55 works.

13th SLTC Recommendation:

- ❖ The committee took note of the action taken and current status of the AMRUT MITRA.
- ❖ The committee also directed the secretaries of the ULBs, and officials of the Kudumbasree and KWA to take urgent steps to expedite the progress of Phase 1 & 3-MITRA and to issue the work orders for all the Phase 1 & 3 MITRA works before the end of January 2025.

Decision to be taken:

- ❖ *The committee may review the action taken and current status of AMRUT MITRA.*
- ❖ *The Committee may direct the ULB Secretaries and NULM to take necessary steps to issue work orders of all MITRA projects within a month.*

Agenda Item No. 10.16: AMRUT 2.0 – Incentive-based Reforms- Submission of reforms and supporting documents on the AMRUT 2.0 portal:

Urban Reforms is one of the components under AMRUT 2.0. The Ministry of Housing & Urban Affairs, Government of India has issued a toolkit on Urban Reforms under AMRUT 2.0. The reform agenda focuses on improving the financial health of ULBs, the water security of cities, and the ease of living of citizens by improving the delivery of municipal services. To encourage the ULBs to implement the reforms, AMRUT 2.0 incentivizes the successful implementation of a set of reforms for better delivery of citizen-centric services and the financial health of the ULBs. An amount of Rs 5340 Crore has been earmarked as a Reform incentive by MoHUA. Eight per cent of the Central Assistance allocated to AMRUT 2.0 projects as per Budget Estimate has been earmarked as reform incentives. The Reform agenda is expected to be achieved through the successful implementation of 2 Mandatory Reforms (property tax & User charges), 7 incentive-based reforms and outcome-based reforms incentives. The States will have to implement the Mandatory reforms in the first two years from the launch of the Mission to be eligible for Central Assistance from the third year onwards.

Based on the guidelines, we have submitted the following reforms during 2022-2024.

Type of Reform	Milestone	Status of submission	Outcome/Incentives received
Mandatory Reforms	Property Tax	Submitted	Apex Committee approved.
	User Charge		
Outcome-based funding	More than 85% water supply coverage (cities with more than 5 lakh population)	Submitted the details of Thiruvananthapuram	An amount of Rs.10 Cr was received.
	60% or more sewerage coverage	Submitted the details of septage coverage of Thiruvananthapuram & Kozhikode.	Release of incentives awaited from MoHUA

Incentive based reforms	Implementation of Urban Reforms- Leveraging technological advancement through building bylaws. Incorporating provisions in building byelaws on ❖ Dual piping. ❖ Electric Vehicle Charging Points. ❖ Wi-Fi Infrastructure.	Submitted	Release of incentives awaited from MoHUA.
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As per the guidelines, the following reforms are to be submitted during 2024-2025 for claiming eligible reform incentives from MoHUA.

Type of Reform	Milestone	Eligibility Criteria	Supporting details
ONLINE GRIEVANCE REDRESSAL AND MUNICIPAL SERVICE DELIVERY- (Incentive based reforms)	Adoption of online system for delivery of atleast seven of following municipal services: <ul style="list-style-type: none"> ● Payment of Property tax. ● Payment of User charges. ● Registration of Birth, Death and Marriage. ● Issuance of trade licenses. ● Public grievance redressal. ● Application & payment for Advertisement. ● Building Permissions. ● Mutations. ● Pension. ● Application system for new water connection. ● Application system for new sewer connection. ● Other, if any. 	Achievement of milestone by at least 50% of ULBs in State	i. URL of Web portal(s)/ Mobile app(s) along with list of municipal services provided online in immediately preceding three months from date of claim. ii. Number of grievances redressed in immediately preceding three months from date of claim. iii. Number of grievances that could not be redressed in 30 days in immediately preceding three months from date of claim
REJUVENATION OF WATER BODIES (Incentive based reforms)	Implementation and completion of projects on Water body rejuvenation as specified below: <ul style="list-style-type: none"> · ULB population between 1 lakh to below 10 lakh- 2 ponds. · ULBs with population less than 1 lakh- 1 	<ul style="list-style-type: none"> · Water bodies having an area above 1 acre. · Projects undertaken under AMRUT 2.0 or through any other source after 1st Oct, 2021 · Water body rejuvenated should not have been repaired/ rejuvenated in the last ten years before 1 Oct, 2021. 	Physical Progress of eligible AMRUT project to reflect as 100% on AMRUT 2.0 collaborative platform. Five Geotagged photographs each before and after completion of rejuvenation. Test report of water of rejuvenated water body to comply with class D as per CPCB guidelines A report on water bodies mentioning brief details of projects viz. Date of commencement, date of completion, cost of project, name of contractor, issues faced in implementation and special features of project along with completion certificate.

GIS BASED MAPPING OF PROPERTIES FOR COLLECTION OF PROPERTY TAX	<ul style="list-style-type: none"> • GIS based mapping of properties including residential and others in the city. • Ground truthing of GIS map and property tax bill raised. 	Up to five cities per State will be incentivized.	Submission of GIS based map of cities after ground truthing of all residential and other properties. Proof of property tax bills raised against properties mapped above.
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13th SLTC Recommendation:

- ❖ The Committee reviewed the Status of implementation of Reforms during 2022-2024 under AMRUT 2.0.
- ❖ The Committee reviewed the reforms to be submitted during 2024-2025.
- ❖ The Committee recommended to SHPSC for approval to upload and submit the relevant details and supporting documents for the following reforms on the AMRUT 2.0 collaboration portal in order to claim eligible incentives.
 - Online Grievance Redressal and Municipal Service Delivery.
 - Waterbody Rejuvenation.
 - GIS based Mapping of Properties for collection of Property Tax on AMRUT 2.0 collaboration portal

Decision to be taken:

- ❖ *The Committee may review the status of the implementation of AMRUT 2.0 reforms.*
- ❖ *The Committee may accord sanction to upload and submit the relevant details and supporting documents for the following reforms on the AMRUT 2.0 portal in order to claim eligible incentives.*
 - *Online Grievance redressal and municipal service delivery.*
 - *Waterbody Rejuvenation.*
 - *GIS based mapping of properties for collection of property tax on AMRUT 2.0 collaboration portal.*

Agenda Item No. 10.17: IEC under AMRUT 2.0- Jalam Jeevitham Phase 2 campaign in the 93 Urban Local Bodies.

The 3rd State High-Powered Steering Committee has decided to include a school-based IEC (Information, Education, and Communication) campaign in the action plan for water conservation and sanitation. This initiative will involve activities such as forming science clubs, conducting water conservation projects in schools and homes, performing water quality audits, organizing street plays, distributing materials, and hosting competitions to raise public awareness through students.

In alignment with this decision, the Jalam Jeevitham Phase 1 Campus-to-Campus Campaign, focused on sanitation and water resource protection, has been organized with the support of the National Service Scheme (NSS), Education Department.

Following this, Jalam Jeevitham Phase 2 — the 'Campus to Community Campaign' — is being organized in 343 selected locations across 93 Urban Local Bodies, with continued support from the NSS units of the Education Department. The campaign, with a total cost of Rs. 24,98,755, began on December 21st 2024. Activities include Water Parliaments, Thelineerotam, Jalakhosham, Jalashapatham, flash mobs, and hanging danglers in shops and malls. Trained NSS volunteers are disseminating messages and information on water conservation and sanitation to the public.

13th SLTC Recommendation:

❖ The Committee took note of the activities being done under IEC of AMRUT 2.0

Decision to be taken:

❖ *The Committee may review the activities under IEC of AMRUT 2.0.*

Agenda Item No. 10.18: Engaging Startups for the Start-up Challenge -3 under the Technology submission of AMRUT 2.0.

According to the guidelines of AMRUT 2.0 issued by the Ministry of Housing and Urban Affairs (MoHUA), the 'Technology Sub-Mission' constitutes one of the components, with 1% of the central budgetary allocation specifically designated for this purpose. Under this initiative, MoHUA, the Government of India, has launched startup challenges to invite applications from eligible startups aiming to provide innovative technological and business solutions addressing the urban water/used water sector.

MoHUA has conducted two phases of challenges (Phase I & II) to select startups. The State Water Startup Screening Committee, chaired by the Mission Director of AMRUT, has identified and recommended 13 startups from Challenges I & II to MoHUA. An expert committee appointed by MoHUA has subsequently selected 7 startups (3 from Challenge I and 4 from Challenge II) from Kerala to receive support under the Technology Sub-Mission of AMRUT 2.0. These startups are established partnerships with cities to undertake projects, eligible to receive funding up to a maximum of 20 lakhs in three installments: Rs. 5 lakhs, Rs. 7 lakhs, and Rs. 8 lakhs.

As per letter, K-L4011 / 02 / 2022/ 9124922 from MoHUA, the Ministry of Housing and Urban Affairs (MoHUA) has called for nominations of innovative startups for the upcoming challenge. Based on the letter, the following 5 Start Ups have submitted proposals. The State Water Start Up Screening Committee will review the proposals and recommend them to MoHUA for financial assistance.

SL. NO	NAME OF THE START UP	NAME OF PROJECT	SECTOR	SUMMARY OF PROJECT
1	AquaSense	AquaSense: Water Availability Prediction and Management	URBAN WATER MANAGEMENT	The goal of this project is to develop a real-time water resource management system using Raspberry Pi 4, integrating various sensors and technologies for monitoring water availability, pH levels, and automated control. The system includes a real-time dashboard for displaying water status, maintenance alerts, and usage notifications. The core of this system is a real-time dashboard that leverages LoRa (Long Range) technology.
2	EBHOOM SOLUTIONS Private Limited	Online Continuous Effluent Monitoring Systems & Pollution Monitoring Application	URBAN USED WATER MANAGEMENT	Project focuses on 17 categories of highly polluting industries common facilities (such as STPs, ETPs,) and other industries that have been directed by CPCB/SPCB to install Online Continues effluent Monitoring System (OCEMS). The system is cloud-based which is able to configure, control and assist the infrastructure via an online interface flexibly and independently.

3	Ecodew Pure Water Solutions	Solving Existing Problems in MBBR systems	URBAN USED WATER MANAGEMENT	Project focuses on solving problems in MBBR systems, due to usage of incorrect media volume or quality issues arising from using recycled material for manufacturing MBBR media that might poison the biofilm, with Ecodew's HSSAR MBBR bio media that is made from Virgin HDPE and designed with a density close to water so that it fluidized effectively to reach all parts of the aeration tank.
4	KRP Aquatech Private Limited	Fully Automatic Chlorination Plant with IIoT Controls	URBAN USED WATER MANAGEMENT	Project address the need for efficient water treatment with less human involvement. Company manufactures Fully Automatic Chlorination Plant with IIoT (Industrial Internet of Things) Controls that blends the practical concept of mixing chlorine gas into the water along with the pros of IIoT.
5	Equator Geo	Net Zero Project	URBAN WATER MANAGEMENT	Equator Geo's mission is to promote sustainable practices through GIS technology, assisting clients in creating eco-friendly systems. The goal is a carbon-neutral ecosystem, aligning with Sustainable Development Goals (SDGs) like climate action and clean energy. An important concept in their approach, aiming to balance water usage through conservation, recycling, and eco-friendly urban planning, especially in water-scarce areas.

13th SLTC Recommendation:

- ❖ The Committee took note of the Start Up Challenges conducted by MoHUA and the selection of 7 startups.
- ❖ The Committee reviewed the projects of 5 Start Ups for the 3rd Start-Up Challenge.
- ❖ The Committee recommended to SHPSC for the approval of the process of selection of Start Ups by the State Water Start Up Screening Committee and submission of the proposals of innovative Startups to MoHUA for getting financial assistance.

Decision to be taken:

- ❖ *The committee may review the recommendations of the SLTC and make a suitable decision accordingly.*

Agenda Item No.10.19: Urban Infrastructure Development Fund (UIDF):

The Government of India has launched a new scheme of Urban Infrastructure Development Fund-UIDF with an aim to supplement the efforts of the State Governments for urban infrastructure development works implemented through Public/State Agencies, Municipal Corporations, Urban Local Bodies by providing a stable and predictable source of financing. UIDF would focus on the Tier 2 & 3 cities. As per the normative allocation fixed for the FY 2023-24, 41 ULBs in the State are eligible for a total project loan amounting to Rs.388.05 Crore.

According to UIDF guidelines, Tier 2 cities are defined as cities with a population between 1 lakh and 10 lakh & Tier 3 cities have a population between 50,000 and 1 lakh as per the 2011 Census.

UIDF- TRANCHE 1(FY 2023-24)- Status

Under the FY 2023-24 UIDF scheme, 17 proposals worth Rs. 390 Cr. were submitted to the NHB through the portal upon approval from the Finance Department. 8 proposals worth Rs. 156.36 Cr. were rejected stating that they were under the ineligible criteria.

Out of the remaining 9 proposals, 4 proposals from Kerala have been sanctioned with a loan amount of ₹127.25 Cr. This includes two Sewerage Management Proposal for Thiruvananthapuram Corporation Area, a Solid Waste Disposal Plan - Construction of MCFs and Installation of a Fully Automatic Organic Waste Composting Machine for Thrissur Corporation and Kondotty town beautification. As per the UIDF guidelines, technical sanction for the sanctioned projects should be accorded within 3 months from the date of sanction.

Three projects (TVM-2 & TSR-1) were sanctioned on 3rd July 2024 and a project of Kondotty on 12th November 2024. TS has been issued for two projects in Trivandrum. The remaining 5 proposals (2 projects from Thrissur, 1 each from Kochi, Kalamassery, and Palakkad) amounting to ₹70.72 Cr (Loan Amount-₹60.721 Cr.) are currently under review by the National Housing Bank.

UIDF Tranche 2 (2024-2025) - Status:

- NHB vide letter No. NHB/GSD/DAK/2024/01226 dated 2.9.2024 informed that GoI has allocated an amount of Rs. 388.05 Cr.as a normative allocation for the FY 2024-25. The Department of Financial Services (DFS) has approved considering the excess fund demands of any State or Union Territory beyond their normative allocations on a first-come, first-served basis for the financial year 2024-25, under the initial ₹10,000 crore corpus of Tranche-I.
- Additionally, health and education institutions have been removed from the "Negative List of Activities" under the Urban Infrastructure Development Fund (UIDF), thereby making them eligible for funding. Health and education institutions are now removed from the "Negative List of Activities" under the Urban Infrastructure Development Fund (UIDF), making them eligible for funding.
- **35 proposals amounting to Rs. 536.15 Cr.** have been submitted to the Finance department by the Principal Directorate LSGD for onward submission to the NHB for approval.

Action Taken and Current Status:

- Vide G.O (Rt)No.2085/2024/LSGD dated 01-11-2024, the Government has **designated the State Level Technical Committee (SLTC) and State Level High Powered Steering Committee (SHPS) of AMRUT 2.0 as the State Level Committees** for the scrutiny, prioritization, periodical review, and administrative approval of projects under Urban Infrastructure Development Fund (UIDF) Scheme. (**Annexure-14**).
- Vide GO (Rt) No. 1673/2024/LSGD dated 10.09.2024 and G.O.(Rt)No.1966/2024/LSGD dated 18.10.2024, Government has accorded Administrative Sanction of two Sewerage Management Proposal for Thiruvananthapuram Corporation Area, and a Solid Waste Disposal Plan - Construction of MCFs and Installation of a Fully Automatic Organic Waste Composting Machine for Thrissur Corporation.
- Vide G.O.(Rt)No.1753/2024/LSGD dated 24.09.2024, (**Annexure-15**). **two State level Technical Sanction Committees were constituted for issuing the technical sanction of**

Solid Waste Management Projects & Crematorium Projects, water supply Networks, Comprehensive Development of Land Reclaimed from Legacy Dumpsite Remediation, Liquid Waste Management, and Roads under UIDF.

- TS Committee held on 9.10.2024 accorded conditional approval for the two liquid waste management projects in Thiruvananthapuram.
- As per the GO (Rt) No. 1673/2024/LSGD dated 10.09.2024, (**Annexure-16**). **the ULBs shall bear the State share and the repayment of the loan. Both the principal and interest of the loan amount should be repaid from ULB's development fund. Margin share and O&M part will be taken care of by the concerned ULBs.**
- A revised proposal on State share including 85 awarded projects under water supply and sewerage projects of AMRUT 2.0 amounting to ₹.547.238 Cr. (State share-₹327.178 Cr. and ULB share- ₹220.060 Cr.) has been submitted to the Government.
- According to UIDF guidelines, Tier 2 cities are defined as cities with a population between 1 lakh and 10 lakh & Tier 3 cities have a population between 50,000 and 1 lakh as per the 2011 Census. As such only 41 tier 2 & 3 cities in the State qualify for the project loan under UIDF. Considering the current pace of urbanization and the growing demand for essential urban infrastructure, MoHUA has been requested to include additional 26 Urban Local Bodies with a current population above 50,000 in the UIDF scheme.

13th SLTC Recommendation:

- ❖ **The committee took note of the action taken and the current status of the UIDF scheme.**
- ❖ **The committee designates the Principal Directorate of LSGD as the nodal office under the LSGD to look into all matters related to UIDF projects to ensure better utilization of the funds. The Nodal Office must collect and vet the proposals and set up a committee to give sanctions.**
- ❖ **Regarding the State share proposals of AMRUT, the Mission Director AMRUT shall submit the proposals through the Principal Director LSGD.**

Decision to be taken:

- ❖ *The committee may review the actions taken, the current status of the UIDF scheme, and the recommendations of the SLTC, and make a suitable decision accordingly.*

Agenda Item No.10.20: O&M Strategy for STPs Proposed by KWA:

2nd SHPSC:

Regarding the O&M Cost of projects the 2nd SHPSC decided (Decision No.4) as follows:

- *The O&M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.*
- *The O&M cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.*

6th SLTC:

In the 6th SLTC, the KWA had informed that the O&M cost for water supply projects can be borne by them as water charges are being collected by KWA. For STPs, O&M costs would have to be met by ULBs to avoid a financial burden on KWA. In the 6th SLTC, the KWA also requested that the

O&M strategy being followed for the STP at Muttathara, Thiruvananthapuram, be followed for the STPs proposed by KWA under AMRUT-2.0. The 6th SLTC decided (Decision No.4) as follows:

- *After discussions, the committee directed KWA, TVM ULB & AMRUT to prepare 2 or 3 business models for long-term O&M sustainability for all the cities based on the financial situations of cities, prevailing Tariff, and user-cost recovery (financial) strategy.*

8th SLTC:

In the 8th SLTC, the KWA submitted the following options in connection with the decision taken by the 6th SLTC of AMRUT-2.0.

1) Increase of sewer charges to 50% of water charges - 65% of O & M expenses can be met.

2) Increase of sewer charges to 70% of water charges - 85% of O & M expenses can be met.

3) Increase of sewer charges to 90% of water charges - 100% of O & M expenses can be met.

(Sewer charge at that time was 11.02% of water charges and O & M Charges considered by KWA for calculation was ₹20/ KLD).

The 8th SLTC decided (Decision No.8.9) as follows:

- *The Committee reviewed the current Operation & Maintenance plan for Muttathara STP and the suggested strategies.*
- *The Committee instructed KWA to calculate and report the revenue recovery based on the latest approved rates of Sewer charges to the Committee.*

10th SLTC:

In the 10th SLTC, the KWA informed that the annual sewerage charges expected to be collected as per the recently revised rates is ₹19.69 Cr., whereas the combined annual O&M charges for Muttathara, Medical College, Elamkulam & Guruvayur STPs is ₹13.27 Cr., and the expected savings is ₹6.42 Cr. The Chief Engineer, Projects, KWA, informed the 10th SLTC that the administrative expenses and cost recovery component for replacement of pumps and machinery were not considered in the report given by KWA. Hence a revised report will be furnished shortly. The 10th SLTC decided (Decision No.10.12) as follows:

- *The Committee decided to take a decision on the matter after getting the revised report from KWA.*

11th SLTC:

As the KWA did not submit the O&M strategy in the 11th SLTC held on 24.01.2024, the committee decided as follows:

- *The committee directed the DCE, PIU, KWA, to submit the report by 1st week of Feb-2024.*

12th SLTC:

As the KWA did not submit the O&M strategy before the 12th SLTC held on 11.07.2024, the committee decided as follows:

- *The committee directed the JMD, KWA, to submit an O&M strategy workable for both ULB & KWA.*

13th SLTC:

As per the letter dated 02.08.2024 (Letter No. KWA-JB/4797/2023-AE10, the MD, KWA, had forwarded the revised O&M strategy based on the sewerage scheme of Thiruvananthapuram, and the same was placed in the 13th SLTC. The details are as follows:

- *The annual O & M cost for 60 MLD of sewage treatment including network & pump house maintenance and energy charges is ₹53 Cr. (₹88.33 Lakh/Annum/MLD)*

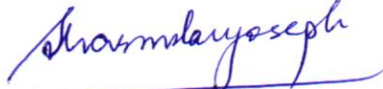
- The annual revenue from the sewerage scheme of Thiruvananthapuram is ₹15.36 Cr. (₹25.6 Lakh/Annum/MLD)
- Gap = ₹62.73 Lakh/Annum/MLD
- If the KWA is entrusted to carry out O & M, the gap funding is to be ensured either by increasing the tariff or by providing funds from LSGD/ Govt.

13th SLTC Recommendation:

- ❖ The committee noted that KWA alone can't bear the O&M charges related to the STPs planned to be implemented through KWA under AMRUT-2.0, and that the same has to be shared by the ULB and KWA.
- ❖ The committee decided to constitute a committee involving the Principal Director, LSGD and the Managing Director/ Joint Managing Director, KWA, to work out the O&M fund sharing strategy between ULBs and KWA.

Decision to be Taken:

- ❖ The committee may take note of the recommendation of the SLTC and take suitable decisions.



**Principal Secretary, LSGD
(Convener of the SHPSC)**



Mission Director, AMRUT