



GOVERNMENT OF KERALA
Abstract

Local Self Government Department – Karamana River Action Plan for Pollution Mitigation – Orders of NGT in OANo.673/18 – Compliance - Orders issued.

LOCAL SELF GOVERNMENT(RC) DEPARTMENT

G.O(Rt.) No.1421/2020/LSGD

Dated, Thiruvananthapuram,29/07/2020

- Read 1) Orders of Hon'ble NGT in OA No.673/2018 dated 20-09-2018, 8-04-2019 & 6-12-2019.
- 2) GO(Rt)No.135/2018/Env. Dated 12-12-2018.
 - 3) Lr.No.F.No-A-14011/OA673/2020-WQM-I dt: 31-01-2020 from the Central Pollution Control Board.
 - 4) Decision in the Video Conference convened by Central Monitoring Committee on 19-02-2020 & 23-06-2020.

ORDER

In compliance with the Order dated 20.09.2018 of the Hon'ble NGT in OA No.673/2018, River Rejuvenation Committee, State Level Special Environment Surveillance Task Force and District Level Special Environment Surveillance Task Force were constituted as per the GO read as second paper above. The 3rd meeting of Central Monitoring Committee to discuss the matter of pollution abatement and rejuvenation of critically polluted rivers was held on 23.06.2020 through Video Conference under the chairmanship of Secretary, Water Resources, River Department and Ganga Rejuvenation, Ministry of Jalasakthi, Government of India. The following were the points for action discussed in the meeting.

- 1) Provide guidelines through Suchitwa Mission on operation of STP's under local bodies. (One interesting method is the Hyperannuity Scheme where only 40% CAPEX is provided to operations. Once the plant is commissioned, provide balance of 60% CAPEX Plus O&M costs Plus interest over a period of 15 years. This will ensure effective implementations of the STP).
- 2) Guideline need to be issued on one city – one operation scheme as in Clean Ganga Mission.

The implementation of Karamana River Action Plan prepared by Kerala State Pollution Control Board has been reviewed with multi agency functionaries with the objectives of intensive and targeted approaches for remediation of water pollution, and to ensure that the flow and quality of water is maintained within the permissible BOD and faecal coliforms count. The period and the deadline specified for various pollution control and mitigation activities have been revisited and co-ordinated. Combative and supplementing measures have been included in the targeted focused approach for pollution control mitigation measures to improve the river water quality as per the prescribed guidelines of CPCB.

Government are pleased to issue the following instructions to the implementing agencies/ Departments, in tune with the Central Guidelines in this regard:

I. Thiruvananthapuram Municipal Corporation:- The Corporation shall constitute an Empowered Cell dedicated for the implementation for various pollution control and mitigation activities with representatives from Kerala Water Authority. This Cell shall plan and monitor the implementation tools in a targeted manner. Thiruvananthapuram Municipal Corporation shall augment the capacities for engaging additional outsourced agencies for suction mechanism for toilets in the households and institutions of the river bank and transportation to STP till permanent sewerage line is established.

1) Regarding Solid Waste Management Action Plan, Thiruvananthapuram Corporation shall complete the following activities before March 2021.

i) Slaughterhouse and poultry waste Sanitation facility and treatment facility of waste water in the markets of Pangode and Kumarichanda.

ii) Provide facility for the treatment of sewage, sullage and garbage generated in the Poonthura slum area between Karamana river and sea.

iii) The discharge of waste water from the surrounding houses to the pond at Jagathy shall be stopped.

iv) 155 Houses in Kurukuvilakom, Kannettumukku shall be provided with septic and treatment system.

v) Fine and other penal action including closure of unit shall be

- imposed on identification of illegal outlets into storm water drains.
- vi) Prevent entry of storm water and solid waste into sewer line along with KWA.
 - vii) Thiruvananthapuram Corporation shall take steps to acquire 58 acres of land and rehabilitate 8150 families from the banks of River before March 2022.

2) Thiruvananthapuram Municipal Corporation shall issue orders / directions with immediate effect to curb the activities of the pumping of solid and liquid waste into Karamana river.

II Kerala Water Authority:- Regarding Short Term Water Plan, the Kerala Water Authority shall take urgent steps to complete the following works before December 2020.

- i) Pumping lines from the terminal pumping stations namely Kuriyathi, Pattoor, Kannammoola and Enchakkal pumping stations are to be connected directly to STP at Muttathara Kuriyathi pumping line.
- ii) Rehabilitation/upgradation of Thaliyal and Arannoor Sewerage Pump house by rehabilitation of existing well, construction of new well and grit chamber, installation of new pump sets.
- iii) Commissioning 5 MLD Sewage Treatment Plant at Medical College.
- iv) Installation of adequate pumps in Mudavanmughal and Enchakkal pumping stations.
- v) Installation of DG sets in all lift and pumping stations—Mudavanmughal, Arannoor, Thaliyal, Kuriyathi, Pattoor, Kannammoola, Pattom, Murinjapalam and Enchakkal.
- vi) Reconnect sewer at Rajaji Nagar, stop outflow of sewage into Amayizhanchanthodu, control storm water entry into sewer to avoid overflow in Thampanoor area, Sewage generated in Rajaji Nagar shall be diverted to main sewer line, Sewage generated in Thoppil area shall be diverted to main sewer line.

vii) Discharge of sewage in Parayilkadavu shall be stopped as there is overflow of sewage reaches in houses having sewerage connection and this may lead to discharge of sewage into River Karamana.

viii) The sewer line from the School compound of Karamana Government High School shall be diverted.

ix) Rehabilitation by laying new lines increasing size of undersized main and reconstruction by dilapidated manholes for the last 3 years.

x) Extension of sewer network wherever technically feasible in new areas of existing blocks.

xi) Procurement of sewer cleaning machines and equipment maintenance.

III. Regarding long term plan sewerage network, Kerala Water Authority shall take urgent steps to complete the following activities before March 2021.

i) Extension of sewerage system to Block F to G coastal belt.

ii) Extension of sewerage system to Block H to R.

iii) Extension of sewerage system to Newly added areas of corporation.

iv) Providing sewerage system in Block A to E.

v) Rehabilitation of existing network and pump house in block A to E.

vi) Procurement of equipments for maintenance sewerage system.

vii) Additional STP requirement shall be installed.

IV. Irrigation Department:- Irrigation Department shall undertake the following activities before March 2023 for desilting and development measures:-

i) Development package for Parvathy Puthanar

ii) Desilting and development of Amayizhanchan Thodu

iii) Improvements to Thekkenekara canal and desilting

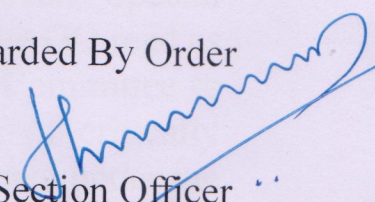
- iv) Karimadam tank improvements, desilting sheet piling/under preparation and providing fencing.
v) Development of Karamana basin.

(By Order of the Governor)
BISHWANATH SINHA IAS
PRINCIPAL SECRETARY(URBAN)

To

The Director of Urban Affairs, Thiruvananthapuram
The Secretary, Thiruvananthapuram Corporation.
The Principal Secretary, Environment Department.
The Executive Director, Suchitwa Mission.
Member Secretary, Kerala State Pollution Control Board.
The Managing Director, Kerala Water Authority.
Chief Engineer, Irrigation and Administration.
The Principal Accountant General (A&E) Kerala, Thiruvananthapuram.
The Accountant General (GSSA/ERSA), Kerala, Thiruvananthapuram.
The Director, Kerala State Audit Department, Thiruvananthapuram.
The Executive Director, Information Kerala Mission, Thiruvananthapuram.
The Director, Information & Public Relations (Web & New Media)
Department, Thiruvananthapuram.
LSG(DC) Department (For necessary follow up action).
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Section Officer

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PA to Principal Secretary, LSGD(Urban).
CA to Special Secretary, LSGD.
CA to Joint Secretary, LSG(DC) Department