

**Inspection Report of the Joint Committee
(As per Hon'ble National Green Tribunal, Southern Zone, Chennai
Order dated 06.03.2020 in OA no. 54/2020)**

1. Background

The Honourable National Green Tribunal, Southern Zone, Chennai, in the matter of OA no. 54 of 2020 directed on 06.03.2020 as;

"...8. Before proceeding further, we feel it appropriate to appoint a Joint Committee comprising of the District Collector, Chennai, District, The Tamil Nadu Pollution Control Board, Engineer- in Chief, Water Resources Organisation (WRO) Public Works Department (PWD), the Commissioner, Greater Chennai Corporation, Officer, Chennai Metropolitan Water Supply & Sewerage Board to enquire in the matter and submit a detailed status as well as action taken report including removal of encroachment and preventing discharge of untreated sewage into the lake to save the lake from pollution. They are also directed to prepare an action plan, with remediation measure required to improve the water quality if it is already polluted."

Based on the receipt of the order, the joint committee has conducted an inspection on 28.08.2020 in the area of Ambattur Lake in question and submitted the report as follows. The Ambattur lake is situated in S.F.No:582/2A of Ambattur village in Ambattur taluk of Thiruvallur District. Ambattur lake has two surplus weir and a free catchment area of 1.13 Sq.km as per memoir. As per memoir, the water spread area is 156.55.0 Ha and maximum discharge is 1180Cusecs and the capacity of the tank is 232 mcft.

Officers Present:

1. Dr.N.Preethi Parkavi, B.S.M.S.,
Revenue Divisional Officer, Thiruvallur Division, Thiruvallur.
2. Er.Tr.Ramasamy,
Superintending Engineer,
Chennai Metropolitan Water Supply
& Sewerage Board
Chennai.
3. Tr.G.Tamil Selvan,
Zonal Officer,
Ambattur Zone, Greater Chennai Corporation,
Chennai.
4. Er.C.Podupanithilagam, M.E.,
Executive Engineer, W.R.D., P.W.D.,
Kosasthalayar Basin Division, Thiruvallur.
5. Er.P.Senthurpandy, District Environmental Engineer,
Tamil Nadu Pollution Control Board, Thiruvallur.
6. Tr.P.Narayanan, Commissioner, Avadi Municipal Corporation,
Avadi, Thiruvallur.

The following observations were made by the committee during the site visit:

The surplus water from the weir of the Ambattur lake leads to Korattur Lake. Also the lake has a bund length of 3000m around the lake. It is located near the tail end of the Kosasthalaiyar River and also is located at the end of Kosasthalaiyar Basin.

The committee observed that no irrigation activities are being carried out due to urbanisation. The Committee observed that sewage/sullage water are being let into the Ambattur lake near plot no.4861, 7904, 8067 and 12th main road of Housing board, Ayapakkam

form the existing drainage constructed by the Housing Board, Ayapakkam. TNHB common STP provided for the treatment of sewage generated form Ayyapakkam TNHB was in operation. It is also observed that sewage/sullage water are being let into the Ambattur lake directly through earthen drain in the areas of Moontrunagar and Ganapathy nagar in Thirumullaivoyal Village. The Public Works Department stated that nearly 1200 houses were evicted in the year 2008 in the eastern side of the lake and 150 houses were evicted in the year 2018 in the southern side of the Lake ie., in Ayapaakam road. The committee observed that there are some temporary thatched houses are existing in the foreshore area of the lake in Moontru nagar and Ganapathy nagar.

Water sample from Ambattur lake to ascertain the water quality was collected by the committee and sent to TNPCB lab for analysis. Also, the committee observed that there was no discharge of Industrial Effluent in to Ambattur lake. The Committee instructed the Corporation to check if any other sewage inlets being let into the lake. The committee instructed the Revenue Department to list out the encroachment details in the foreshore area of lake. The encroachments in the form of thatched roofs, tiled roofs, and shed in the foreshore of the lake in Moontru nagar and Ganapathy nagar area in Thirumullaivoyal Village. The Committee instructed the Revenue Department to take necessary steps to issue the form I & II notices to the encroachments. The Tahsildhar, Avadi is hereby instructed to survey the field and demarcate the boundaries of the lake and ensure the above encroachments as on now.

Based on the inspection by the Committee, following actions are suggested to take in short term and long term and requested the concerned departments to submit the action taken report to the nodal agency ie., Public works Department.

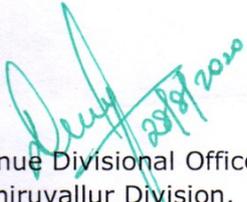
SHORT TERM PLAN

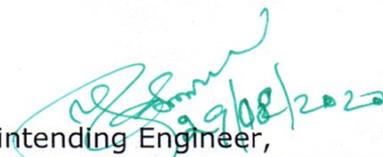
S.No.	DESCRIPTION OF WORK	DEPARTMENT	TIME SCHEDULE
1	Plugging the illegal sewage inlets near plot no.4861, 7904, 8067 and 12 th main road of Housing board, Ayapakkam and ensure the maintenance of STP Plant, Ayapakkam.	Block Development officer, Villivakkam & Executive Engineer, Housing Board, Ayapakkam Scheme.	3 months
2	Construction of sump in Moontru nagar and Ganapathy nagar area in Thirumullaivoyal Village and dispose the sewage periodically.	Commissioner, Avadi City Municipal corporation	1 month
3	Surveying of Lake area and demarcating the boundary and assessment of encroachments	Thasildar, Avadi	1 week
4.	Providing drainage facilities for the residents of Moontru nagar and Ganapathy nagar area in Thirumullaivoyal Village	Commissioner, Avadi City Municipal corporation	6 months

LONG TERM ACTION PLAN

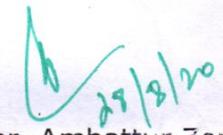
1.	Construction of under ground sewage system for Moontru nagar and Ganapathy nagar area in Thirumullaivoyal Village.	Commissioner, Avadi City Municipal corporation	2 Years
2.	Eviction of encroachments in the Ambattur lake	Executive Engineer,	1 Year

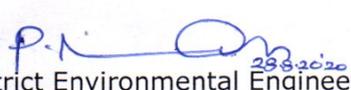
		PWD/WRD, Thiruvallur	
3.	Restoration of lake by providing protection arrangements in the foreshore area, construction of cut and cover surplus course of Arafath Lake upto Ambattur lake and Reconstruction of Weir in Arafath Lake.	Executive Engineer, PWD/WRD, Thiruvallur	2 Years


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