

**DRAFT INSPECTION NOTES ON JOINT INSPECTION OF MAGARAL BIG TANK IN  
THIRUVALLUR TALUK AND THIRUVALLUR DISTRICT**

**Officers Present During Inspection:**

**Date of Inspection: 20.01.2021**

1. Er. C. Podupanithilagam, M.E.,  
Executive Engineer, PWD.,  
Kosasthalaiyar Basin Division, WRD.,  
Thiruvallur
2. Dr. Preethi, Parkavi, B.S.M.S.,  
Revenue Divisional Officer, Thiruvallur
3. Mr. L. Suresh, M.Sc.,  
Regional Joint Director, Geology & Mining Department, Vilupuram
4. Er. G. Karthigeyan, M.Tech.,  
Assistant Executive Engineer, PWD.,  
Kosasthalaiyar Basin Sub Division, WRD., Thiruvallur
5. Mr. K. Vijayaraghavan, M.Sc.,  
Assistant Director, Geology & Mining Department, Thiruvallur
6. Mr. Ponnumani, M.Sc.,  
Assistant Geologist, Geology & Mining Department, Thiruvallur
7. Er. P. Murali, B.E.,  
Assistant Engineer, SEIAA, Chennai.

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The Magaral big tank in Thiruvallur taluk and district is under the maintenance of Public Works Department / Water Resources Department. It is submitted that, as per the directions of the Hon'ble National Green Tribunal, in O.A No. 179/2020, a committee has been formed to inspect the water spread area, sluice, bund, weir and encroachments in the Magaral tank.

Accordingly, the Joint Committee is carried out inspection in the water spread area, sluice, Bund of Magaral Tank and encroachments inside Magaral tank on 20.01.2021. During the inspection, it was noticed that there is no water in the tank bed and scrub jungles were present in the Magaral tank. The encroachments were noticed in the foreshore area of tank by the committee.

The committee instructed the Public Works Department officials to take spot levels of the tank bed to verify any low levels below the sill level of sluice. It is also submitted that the committee instructed the Public Works Department officials to carry the detailed study on upstream side tanks and its supply chain to Magaral tank to increase its catchment potential and enhance the storage potential. It is submitted that the Public Works Department instructed to prepare the detailed project report after taking levels and necessary study for storing the water for irrigation purpose as well as ground water recharge.

The Public Works Department officials submitted that the Public Works Department was never taken up any desilting / dredging work in this tank and only the renovation works such as bund strengthening, maintenance of sluices and weir was taken up in the year 2011 under the World bank scheme. At present, the Maagaral tank needs to be taken up the renovation works for effectively utilization of tank for irrigation and ground water recharge. Without environmental clearance, no permission is recommended for quarrying operation by the Public works department. Further submitted that, the Maagaral tank supply chain will be studied in detail and the water source to the tank from upstream should be properly identified and restored.

During the inspection the committee perused the Assistant Director Geology and Mining records and found that there was no savudu quarry operated / permitted since 2015.

Further it is submitted to state that the committee is decided the following action to be taken at Magaral Tank as Short term plan and Long term plan.

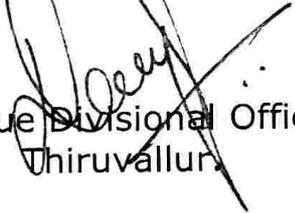
Sl.No	Action to be taken	DEPARTMENT	Short term Plan	Long term Plan
1	Taking detail levels such as Sluice sill level, Tank bed level, in-let supply channel level and Irrigation ayacut levels etc	Executive Engineer, PWD/WRD.	15 Days	--
2	Surveying the tank and issuance of Form I & II under the Tamil Nadu Protection of Tanks and Eviction of Encroachment Act, 2007.,	Thasildar, Thiruvallur.	2 Months	--
3	Eviction of Encroachment process will be executed in Co-ordination with Revenue	Thasildar, Thiruvallur, Executive		6 Months

	department.	Engineer, PWD/WRD.		
4	Rehabilitation and Restoration of the Magaral Tank.	Executive Engineer, PWD/WRD.	--	1 Year

  
Assistant Engineer,  
SEIAA, Chennai.

  
Regional Joint Director,  
Geology & Mining Department,  
Vilupuram.

  
Executive Engineer, PWD.,  
Kosasthalaiyar Basin Division, WRD.,  
Thiruvallur.

  
Revenue Divisional Officer,  
Thiruvallur.