

ENVIRONMENTAL STATUS OF PUDUKKOTTAI DISTRICT - A PROFILE

District at a glance

Pudukkottai District was carved out of Tiruchirappalli and Thanjavur districts on 14th January 1974. It has an area of 4663 sq km with a coastline of 39 km. It lies between 76° 25' and 79° 15' of the eastern longitude and between 9° 52' and 10° 47' of the northern latitude. It is bounded by Tiruchirappalli district in the north and west, Sivaganga district in the south, Bay of Bengal in the east and Thanjavur district in the north east.

Pudukkottai district is composed of two revenue divisions namely Pudukkottai and Aranthangi, nine taluks namely Kulathur, Ilupur, Alangudi, Pudukkottai, Gandarvakkottai, Thirumayam, Aranthangi, Arudaiyarkoil and Manamelludi and thirteen panchayat unions. There are 2 municipalities, 9 special grade town panchayats and 765 revenue villages in this district.

Pudukkottai district depends a great deal on the monsoon for its water supply. People are engaged in the mining of granite and laterite.

The most important tourist places of this district are Athimathaswamy temple at Arudaiyarkoil, Government Museum at Thirukkannam, Lord Shiva temple at Kudumyamalai, Lord Murugan temple at Kumaramalai, cave temples at Nathamalai, cave temple paintings at Sittanavasal, Fort Lord Shiva and Lord Vinu temples at Thirumayam and Temple of Lord Subramania at Viralmali.

The District Environmental Engineer's office is functioning at 64, Janaki Nagar, Madurai Bye-pass Road, Pudukkottai-622 003.

Status of Industries:

Out of 461 units inventoried so far, 407 units have been issued with consent under Water and Air Acts. Out of 407 units 109 units are Red category and 298 are Orange category units. In 407 there are Sugar Mill(1), Foundries(3), Sponge iron(1), Battery Manufacturing(6), Large Chemical units(1), Forging unit(3), Co-generation Captive power plant(1), Bio Power plant(2), Textile dyeing(1), Tannery(1), Ingot Manufacturing(2), Recovery of lead from Batteries(5) and Hot mix plant (1), Man made fibre(1), paper mill (1), Paper board (1), Proposed Distillery (1) and IMFL unit (1). Apart from the above, units like Automobile manufacturing, Heavy Engineering, Small Electroplying, Light Engineering, Granite Polishing, Stone crushers, Rice Mills, Government and Private Hospitals, Food and Beverage Units, Saw Mill and other miscellaneous units are in this office jurisdiction.

There are four industrial Estates in Pudukkottai District and the details are given below.

Sl.No	Name of the Estate/ Location	No of industries obtained consent under Water Pollution (Prevention & Control) Act and Air Pollution (Prevention & Control) Act
1	SIPCO Industrial Complex, Nathampandal	22
2	SIDCO Industrial Estate, Mullur	9
3	SIDCO Industrial Estate, Vellalur	4
4	SIDCO Industrial Estate, Mathur	5

All the major polluting units have provided relevant pollution control measures depending on the type of pollution and the industries are periodically monitored as per the frequencies stipulated by the Tamil Nadu Pollution Control Board.

Zero Discharge:

M/s EIO Parry India Limited (Parry Neutraceutical Division) has installed Effluent treatment Plant, Reverse Osmosis Plant with mechanical evaporator system and elevated impervious solar evaporation pan.

pan. The installation of RO plant has brought down the raw water consumption and ground water tapping.

M/s Sanner Foundries Limited has provided Effluent treatment Plant, Reverse Osmosis Plant and elevated impervious solar evaporation pan.

Hazardous waste management:

Thirty four Hazardous waste generating units have applied and obtained authorisation under the Hazardous Waste (Management and Handling) Rules 1989 as amended. M/s Rane TWM Steering systems Limited has provided Secured Landfill facility for disposing their land fillable hazardous waste in their premises. Seven industries have joined as members in Tamil Nadu Waste Management Association and proposed to transport the land fillable hazardous waste for final disposal at the common storage, treatment and disposal facility located at Gummilipoondi, Thiruvallur district.

Bio - Medical Waste Management:

Thirty six private hospitals have obtained authorisation for handling of Bio-Medical waste under Bio-Medical Waste (Management and handling) Rules 1988 as amended. The Bio-Medical Waste generated from the private hospitals is being sent to Common Bio-Medical waste disposal facility located at Sengupatti Village, Thanjavur district. Thirteen Government Hospitals and four Government Primary Health Centres have also joined as members in the above common disposal facility. Government Hospital also dispose their Bio-Medical waste through the same common facility.

Municipal Solid waste Management:

Pudukkottai and Aranthangi Municipalities, seven special grade Town Panchayats have identified land for the development of the Bio-composting. Pudukkottai and Aranthangi Municipalities, Ilupur, Keeranur, Karambagudi and Annamalai special grade Town Panchayats have obtained NOC for development of Bio-Composting facility.

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