

## **ECOLOGY AND ENVIRONMENT**

Scrutiny of industrial applications for issue of NOC from pollution angle, issue of Air and Water Consents, monitoring and evaluation of their performance under Air, Water and Environment (Protection) Acts are being carried out. The Pondicherry Coastal Zone Management Authority, 1991 is implementing Coastal Regulation Zone notification. It is an autonomous body functioning in the Department for the Preparation of Integrated Coastal Zone Management plan for Puducherry will be carried out. To monitor Ambient (Atmosphere) Air Quality and Aquatic Resources of Pondicherry, this Department is implementing two projects viz., "National Air Quality Monitoring Programme" (NAMP) and "National Water Monitoring Programme" (NWMP) respectively, funded by Central Pollution Control Board (CPCB). Water samples are being collected and tested once in three/ six months. Ambient Air Quality in Pondicherry Region is being monitored continuously under NAMP Programme.

As normal course of action, Air and Water samples are collected from industries and level of Air pollutants like Particulate Matter (PM) Sulphur dioxide (SO<sub>2</sub>), Nitrogen oxide (NO<sub>2</sub>) chlorine (Cl<sub>2</sub>) Acid mist and Physico chemical and micro biological parameters of water pollutions are analysed in the Department's laboratory for issue of air and water consent and also whenever specific complaints about the industries are received. TSDF will be set up for the Disposal of Hazardous waste in an environmentally safe manner. Cess amount is being collected from water-based industries and local bodies at prescribed rates in order to check the indiscriminate consumption of water in this Union Territory of Pondicherry. Noise monitoring is also done by this Department. Research on specific environmental problems and conduct of Impact Assessment study will also form the functions of this department.

Programmes are organized to create awareness and concern for the protection and conservation of environment. Celebration of World Environment Day (June, 5), National Environment Month (November 19 - December 18), World Ozone Day (16th September), Environmental Conservation Day (25th November) with the co-ordination of Environmental Education Cell and NGO's and National Pollution Prevention Day (2nd December), World Conservation Day (3rd December) is celebrated with the Co-ordination of Industries. Celebration of various environmental awareness activities including film shows, Villupattu, seminars, meetings, street plays, essay, quiz and elocution competitions, distribution of pamphlets and hand-bills, banners, pasting of stickers and broadcasting of environmental slogans through All India Radio and Doordarshan etc., among the public, school and colleges students are the various activities proposed for the year.

## OUTLAY AT A GLANCE

Sector : ECOLOGY &amp; ENVIRONMENT

No. of Scheme : 1

Department : SCIENCE, TECHNOLOGY AND ENVIRONMENT

(₹ in lakh)

Annual Plan 2012-13 Actual Expenditure	:	87.14
Annual Plan 2013-14 Approved Outlay	:	120.00
Annual Plan 2013-14 Revised Outlay	:	95.00
Annual Plan 2014-15 Proposed Outlay	:	90.00

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2012-13	Annual Plan 2013-14		Annual Plan 2014-15	
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Creation, strengthening & maintenance of environment, pollution control and infrastructure programme	87.14	120.00	95.00	90.00	--

**Scheme No. 1**

Sector : ECOLOGY & ENVIRONMENT      Implementing      SCIENCE, TECHNOLOGY  
Department :      AND ENVIRONMENT

**1. Name of the Scheme** : Creation, Strengthening and Maintenance of Environment and Pollution Control infrastructure and Programme

**2. Objective of the Scheme** :

Enforcement of various Acts, Rules and Notifications pertaining to environment protection and create Environment awareness among public. All the functions and powers hitherto exercised by Central Pollution Control Board have been delegated to this Administration and activities like scrutiny of Industrial applications, Monitoring and evaluation of their performances under Air, Water and Environment (Protection) Acts and issue of consents are done by the department of Science, Technology and Environment. Ambient Air quality and Aquatic Resources of Pondicherry are also being monitored under the two projects viz. National Air Quality Monitoring Programme (NAMP) and National Water Monitoring Programme (NWMP) under the auspices of Central Pollution Control Board. Celebration of World Environment Day, National Environment Month, World Ozone Day, and World Conservation Day with the co-ordination of Environmental Education Cell is proposed.

**3. Actual Physical Achievements made in the Annual Plan 2012-13 :**

- Pondicherry Pollution Control Committee was strengthened.
- Industrial applications were scrutinized, monitored and evaluated for their performance under air, water & environment (Protection) Acts.
- Laboratory equipments and chemicals were purchased.
- World Environment Day, World Ozone Day, National Environment Month and various awareness activities involving public, NGO's and students were organized in benefiting manner.
- The existing laboratory was strengthened with equipments / instruments in order to have a better result in analyzing the samples collected.

**4. Physical Achievements for the Annual Plan 2013-14:**

- Scrutiny of industrial applications, monitoring and evaluation of their performances under the air, water and environment Protection Act was done.

- Celebration of World Environment Day, World Ozone Day, National Environment Month and conducting of various awareness activities among public and students was done.
- The existing laboratory to be strengthened with highly sophisticated equipments / instruments in order to enhance the activities.
- Laboratory equipments and chemicals were purchased.

**5. Proposed Physical Targets for the Annual Plan 2014-15 :**

- Administrative grant will be released to Puducherry Coastal Zone Management Authority, Puducherry.
- Scrutiny of industrial applications, monitoring and evaluation of their performances under the air, water and Environment (Protection) Act will be done.
- Celebration of World Environment Day, World Ozone Day, National Environment Month and conducting of various awareness activities among public and students will be done.
- The existing laboratory will be strengthened with highly sophisticated equipments / instruments to enhance the activities.
- Purchase of chemicals for analysis.
- The existing laboratory at Karaikal regional office will be strengthened.
- Action will be initiated to disseminate information to the public through electronic mass media about the data on air and water quality of different areas of Pondicherry.
- Monitoring and assessment Cell to assess the performance rate of the industries on the basis of the pollution standards and suitably rate them into various categories by providing separate colour codings will be set up.
- Hoardings – Depicting slogans / message on environment at various locations in and around Pondicherry region will be made.
- Creation of new posts
- Inspection vehicle will purchased.

**6. Remarks : Continuing Scheme**