



Central Pollution Control Board

Zonal Office (South), Bangalore

Project Head – VI Waste Management and Urban Pollution Control (plastic waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste & Vehicular Pollution)

Scheme 33

Monitoring of Sewage Treatment Plant 2013-14

S No	Name of the STP	Address	State	Date of Inspection	Present Status	Reports
1	Perungudi	Chennai	Tamilnadu	27.11.13	There are 3 STPs of 54, 60 and 12 MLD capacity. All the STPs are producing 7 megawatt power generation. Except TDS (1115mg/l) rest of the parameters are meeting the prescribed standard limit for land discharge.	-
2	Perungudi	Chennai	Tamil Nadu	27.11.2013	Perungudi STP -I , II and III are of capacity 54,60 and 12 MLD respectively.	-
3	Ukkadam	Coimbatore	Tamil Nadu	09.10.13	The Coimbatore corporation constructed M/s Coimbatore Sewage Treatment Plant of capacity 70 MLD at Ukkadam under JNURM project but currently only 24MLD is treated. The sewage is treated by Sequential Batch Reactor and treated sewage is used onland for gardening/ irrigation and the excess water is discharge into surface water body.	<a href="#">Report</a>

4	Panchapur	Trichirappalli	Tamil Nadu	10.10.2013	Tiruchirapallicorporation has established an STP at Panchappur village in total area of 574 acres of land with an installed capacity of 88.64 MLD but currently only 45 MLD of sewage is treated. Sewage is treated in Waste stabilization ponds and treated sewage is discharged into Korayarriver. The STP is complying with notified standards.	<a href="#">Report</a>
5	Kodungaiyur (80 MLD) Zone - II	Chennai	Tamil Nadu	28.11.2013	The STP was commissioned in 1991 with design capacity of 80 MLD but currently only 55MLD is treated. The sewage is treated by Activated sludge process and the STP comprises of Bar screens, detritus tanks, primary clarifier, aeration tank, secondary clarifier. The secondary treated sewage is supplied to nearby industries in Manali town.	<a href="#">Report</a>
6	Kodungaiyur (80 MLD) Zone - I	Chennai	Tamil Nadu	28.11.2013	The STP was commissioned in 1989 with design capacity of 80 MLD but currently only 55MLD is treated. The sewage is treated by Activated sludge process and the STP comprises of Bar screens, detritus tanks, primary clarifier, aeration tank, secondary clarifier. The secondary treated sewage is supplied to nearby industries in Manali town.	
7	Kodungaiyur (110 MLD)	Chennai	Tamil Nadu	28.11.2013	The STP is constructed by Chennai Metropolitan Water Supply and Sewerage Board during 2005-06 and is presently operated by M/s VA Tech Wabag Ltd. The design capacity of 110 MLD but currently only 85-90MLD is treated. The facility is spread out in a total area of 710 acres. The sewage is treated by Activated sludge process and biogas generated is used to generate power. Secondary treated sewage is supplied to M/s Chennai Petroleum corporation Ltd, M/s Madras Fertilizer Ltd, M/s Manali Petrochemicals Ltd and Chennai Municipal	<a href="#">Report</a>

					Corporation for watering of plants. Remaining treated sewage is discharged into nearby water bodies.	
8	Muttathara	Trivandrum	Kerala	06.01.2014	Muttathara has population of 10Lakhs and 78MLD of sewage is collected. The installed capacity of the STP is 107MLD. In addition to primary and secondary treatment, tertiary treatment system for nitrogen and phosphorus removal should be provided for the further treatment of the effluent.	-
9	Pumba	Kerala	Kerala	07.01.2014	The existing STP has capacity to handle only 40-50% of the sewage generated. STP should put in to operation one week before starting of pilgrim season. The effluent from septic tank and collection tank shall be pumped out and treated in STP before beginning of next festival season. Buffer holding tank of at least 2 lakhs litres should be provided to hold the effluent in case of any failure in STP units. Permanent transparent roofing shall be provided to the sludge drying beds. The STP shall be provided augmented with tertiary treatment to attain river water quality standard.	-
10	Trivanadrum		Kerala	24.01.2014	Total population of Trivandrum is 10 lakh and 78 MLD of sewage is collected. 38 MLD of sewage is collected and treated. The treated effluent is discharged into water bodies.	-
11	Tonka	Panaji	Goa	13.02.2014	The capacity of the STP is 12.50MLD. 8 MLD of sewage is collected and treated.	-
12	Vasco-da-gama	Goa	Goa	13.02.2014	The installed capacity of the STP is 12.50 MLD and operational capacity is 8.00MLD. Treated effluent is discharged into Arabian sea.	-
13	Margao	Goa	Goa	13.02.2014	Installed capacity of STP is 7.5 MLD.	-

14	Vatakara	Kerala	Kerala	24.01.2014		-
15	Tirunelveli	Tirunelveli	Tamil Nadu	28.08.2013		<a href="#">Report</a>
16	Kollam	Kerala	Kerala	28.08.13	The installed capacity of STP is 11.6 MLD. The STP is located next to Kureepuzha Waste Disposal site.	-
17	Madurai	Avaniapuram,	Tamil Nadu		The Avaniapuram STP was commissioned in 2011 by Madurai corporation with capacity of 125 MLD but till date it is receiving less than 20 MLD sewage. The sewage is treated by Sequential Batch Reactor and treated sewage is used onland for irrigation. The sludge is either sent to the composting site maintained by Madurai Corporation or it is given free of cost to the farmers.	<a href="#">Report</a>
18	Madurai	Sakkimangalam	Tamil Nadu		The Sakkimangalam STP was commissioned in 1991 by Madurai corporation with capacity of 45.7 MLD. The sewage is treated by Sequential Batch Reactor and treated sewage is used inland for irrigation. The sludge is either sent to the composting site maintained by Madurai Corporation or it is given free of cost to the farmers.	
19	Pondicherry	Pondicherry	Pondicherry	11,12 .02.2014	Pondicherry comprises of 2 Municipalities and 5 Commune Panchayats having a total area of 298 Sqkms. Puducherry urban area is about 32.49 Sqkms. The existing Sewerage System to the Pondicherry covers an extent of about 33% of the urban areas with 2 decentralized Treatment plants for a total capacity of 17.5 MLD. Lawspet(Natural Treatment System), Lawspet(Conventional Treatment system) and Dubrayapet (Conventional Treatment system) are monitored.	<a href="#">Report</a>