



## CENTRAL POLLUTION CONTROL BOARD

Zonal Office (South)

Nisarga Bhavan, Thimmaiah Road  
Shivanagar, Bangalore - 560 010

### Inspection Report of M/s Kodungaiyur Sewage Treatment Plant

|    |                                  |  |
|----|----------------------------------|--|
| 1  | Name & Location of STP           | 80 MLD Kodungaiyur Zone-I STP<br>80 MLD Kodungaiyur Zone-II STP  |
| 2  | STP constructed by               | Chennai Metropolitan Water Supply and Sewerage Board   |
| 4  | Process of sewage treatment      | Activated sludge process   |
| 5  | STP commissioned                 | 1989 & 1991  |
| 6  | Design capacity                  | 80 MLD +80 MLD   |
| 7  | Actual capacity                  | 55 MLD +55MLD<br>70% of treatment capacity   |
| 9  | Description of treatment units   | Activated sludge process<br>Bar screens, detritus tanks, primary clarifier, aeration tank, secondary clarifier                             |
| 10 | Biogas produced if any           | -  |
| 11 | Power generation if any          | -  |
| 12 | Point of treated sewage disposal | CMWSSB is supplying the secondary treated sewage to nearby industries. Any remaining treated sewage is discharged to nearby water courses. |
| 13 | Mode of sludge disposal          | Sludge from primary and secondary clarifier is dried in sludge drying beds   |

#### Observations:

- Two STP's were established in Kodungaiyur, Chennai under Zone I & II during 1989 & 1991 respectively. The installed capacity of each STP is 80 MLD but however it was reported that the STP's are receiving only around 55MLD.
- The facility was inspected by Sh. G. Dharmalingam, Sc-"C" during November, 2013
- In both these STP's sewage is treated by activated sludge process. The treatment flow chart is placed as Annexure-I.
- Initially, the secondary treated effluent from both the STP's was used for the cultivation of paragrass which was auctioned every year. Currently, the secondary treated sewage is supplied to nearby industries in Manali town.