

Annexure 15

Brief Description of Common Effluent Treatment Plant Project Proposal for Industrial Zone

Names of industries involved: Aladin, Auroville Energy Products, Gecko, Mereville Trust, Rangoli, Plastic Sea Songs.

Hydraulic load: 19 Cu.m. considering 125 PE (1 PE produces about 150 litres per day)

Domestic & industrial pollution load for 120 PE and 100 PE respectively i.e. 220 PE total.

From domestic waste: organic load: BOD5 & COD of 400 and 500 mg/l

From industrial waste: BOD5 & COD of 5300 and 7744 mg/l

Treatment system

Imhoff tank - Root Zone treatment system - storage tank - pumping & distribution + infiltration system for disposal and dispersion of excess treated wastewater, plus on-site sludge drying bed.

Plan area requirement: 800 sqm

Source: Engineering Section of Auroville's Development Council, ADC.