

### Annexure-III

#### 2. Common Effluent Treatment Plants (CETP's):

Sr. No.	Name of CETP and Location	Capacity (MLD)
1.	ACMA CETP Ambernath	0.25
2.	CETP Additional Ambernath	7.5
3.	Chikholi Morivali CETP Ambernath	0.8
4.	CETP Badlapur	8
5.	CETP Dombivali (Chemical)	1.5
6.	CETP Dombivali (Textile)	14
7.	CETP Saravali MIDC	2.5
8.	CETP Taloja (Phase I)	12.5
9.	CETP Taloja (Phase II)	10
10.	CETP Rasayani	15
11.	CETP RIA, Roha	10
12.	CETP Mahad	7.5
13.	CETP Sangli – Miraj	1.5
14.	CETP Jayasingpur	0.8
15.	CETP Lote Parshuram	4.5
16.	CETP Tarapur	2.0
17.	CETP Additional Tarapur	20
18.	CETP Solapur	1.5
19.	CETP MIDC Kurkumb	1.0
20.	CETP Ranjangan	11.50
21.	CETP Buti Bori Nagpur	5
22.	CETP Khairane	12
23.	CETP Additional Khairane	15
<b>TOTAL</b>		<b>165</b>

Generally, it is seen that inlet to CETP has about 1000mg/lit suspended solids. Considering the treatment of effluent to outlet standards specified by CPCB (100 mg/lit), about 900 mg/lit of suspended solids are removed in CETP's.

Thus, solids removed in CETP's can be estimated as:

$$\begin{aligned} & \text{Total Flow} \left( \frac{\text{m}^3}{\text{d}} \right) * \text{Solids Removed} \left( \frac{\text{gm}}{\text{m}^3} \right) / 1000 \left( \frac{\text{Kg}}{\text{gm}} \right) / 1000 \left( \frac{\text{T}}{\text{Kg}} \right) \\ & \text{or } (165000 \frac{\text{m}^3}{\text{d}}) * 900 \left( \frac{\text{gm}}{\text{m}^3} \right) / 1000 \left( \frac{\text{kg}}{\text{gm}} \right) / 1000 \left( \frac{\text{T}}{\text{kg}} \right) = 148.5 \left( \frac{\text{T}}{\text{d}} \right) * 30\text{d} * 12 \text{ month} \end{aligned}$$

(less) Total Waste from 9 CETP's covered during inventorisation = 24696  
Hazardous Waste from CETP's not considering during inventorisation = 28764