

CEPI Action Plan

Vatva

Sr. No.	Activity	Issue	Action	Implementing Agency/ Organization	Time Frame	Financial Implication and outlay
Water						
1.	CETP up gradation	To achieve outlet norms and capacity expansion	(a) Upgradation and Expansion of CETP-Vatva from existing 16 MLD to 30 MLD (b) <u>Upgradation by</u> (i) Installation of Tertiary treatment as Fantom Catalytic Reaction (FCR) <u>Expansion by</u> (ii) New Primary and (iii) Secondary Clarifier (If required)	CETP-GESCSL, Vatva	December-2020 Long term	CETP-GESCSL, Vatva

3.	To Install Auto Sampler at the outlet of member industries in the Sump rooms and monitoring	Regular Continuous monitoring by automization	Auto sampler have been installed at 82 Sumps which are covering effluent discharge of all 674 members of CETP.	CETP-GESCSL, Vatva,	Installation completed and monitoring is ongoing process	CETP-GESCSL, Vatva
4.	Installation of online monitoring system & auto sampler at CETP inlet and outlet.	Regular Continuous monitoring by automization	CETP has already installed OCEMS at inlet and outlet. The results are reflected on CPCB website on continuous basis.	CETP-GESCSL, Vatva	Installation completed and monitoring is ongoing process	CETP-GESCSL, Vatva
5.	CETP shall adopt reuse of treated waste water for making slurry of chemical dosing, floor washing and wherever feasible	Minimisation of usage of fresh water	Effluent is being recycled and reused in CETP.	CETP-GESCSL, Vatva	Continuous	CETP-GESCSL, Vatva

	instead of fresh water					
6.	Strengthening of monitoring system	To find out exact load contribution by the concern industrial estate and Residential part of Ahmedabad east region	<p>Sampling Locations which are part of CEPI calculations:</p> <p>1. Upstream of Vatva GIDC (i.e. Nirma Bridge at Phase – IV) Latitude: 22.978545 Longitude: 72.635459</p> <p>2. Downstream of Vatva GIDC (i.e. Vatva Vinzol Bridge at Phase – II) Latitude: 22.952454</p>	CETP-GESCSL, Vatva; RO GPCB	Every Month Short term	CETP-GESCSL, Vatva, RO GPCB

			Longitude: 72.640149 3. Vinzol Lake, Vill – Vinzol			
	Air					
7.	Source Apportionment of Ambient Air Quality shall be done while calculation of CEPI score (2 Station location identified for CEPI)	To identify source of air pollution	2 locations are already identified.	RO GPCB, CETP-GESCSL, Vatva	June-2020 Short term	CETP-GESCSL, Vatva
8.	Sampling and Analysis as per NAAQS Standard at additional one station of Ambient Air Quality Monitoring as decided in CEPI calculation. (Manual/ RDS)	To check air quality continuously	Additional sampling locations are being identified	RO GPCB	December-2020 Long term	CETP-GESCSL, Vatva

9.	Vatva Industrial Association and CETP – GESCSL shall ensure that all utilities installed by the member units	Ahmedabad city is non-attainment city w.r.t. Air pollution	Vatva Industrial Association and CETP – GESCSL are ensuring that all utilities installed by the member units are as per Air Action plan of Ahmedabad.	GPCB	December-2020 Long term	CETP-GESCSL, Vatva
10.	Adoption of cleaner fuel	Air quality improvement	Industrial units using solid fuel shall be switch over to cleaner fuel wherever it is feasible	CETP-GESCSL, Vatva, Concerned industries	December 2020 Long term	CETP-GESCSL, Vatva, Concerned industries
11.	Road re-carpeting and upgradation	Particulate matter	Work is undertaken by VIA.	VIA, Concerned Industries, AMC	December 2020 Long Term	VIA, Concerned Industries, AMC
12.	Plantation shall be done around the premises and where ever feasible (Green Space, Utilities Area	Particulate matter	To find out Municipal Vacant plot reserved for gardening. Plantation in such	VIA, CETP-GESCSL, Vatva, Forest Dept, AMC	Continuous	VIA, CETP-GESCSL, Vatva, Forest Dept, AMC

	of member unit) and in the Cluster		plot, to be taken up, with permission from AMC.			
Land						
13.	CETP shall carry out comprehensive health study through a credible agency at regular intervals	Identification on Health impacts	Vatva Association has carried out health study survey for year 2019 jointly with Narol Association.	CETP-GESCSL, Vatva	Completed	CETP-GESCSL, Vatva