## **GUJARAT POLLUTION CONTROL BOARD**



PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone: (079) 23222425

(079) 23232152

Fax: (079) 23232156

Website: www.gpcb.gov.in

GPCB/P-1/CEPI-10/ M 40357/

Date: 29.12.2018

Dr. Satish C. Garkoti Scientist 'F'. Ministry of Environment, Forest and Climate Change Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road, New Delhi - 110003

Sub:

Compliance of Post CEPI Action Plan of CPAs of Gujarat

Ref:

MoEFCC Office Memorandum No. J-11013/5/2010-IA.II(I), dated 25.11.2016

Sir.

In line with conditions stipulated in MoEFCC Memorandum dated 25.11.2016, compliance status of Post CEPI Action Plan of Vapi, Ankleshwar and Vatva industrial clusters are annexed herewith for your kind perusal and necessary action.

With regards,

Yours faithfully,

Member Secretary

Encl: As above

Copy to:

- (1) The Member Secretary, Central Pollution Control Board, 'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032
- (2) The Regional Director Regional Directorate (West) Central Pollution Control Board 'Parivesh Bhavan', Atmajyoti Ashram Road, VMC Ward Office no. 10, Shubhanpura, Vadodara - 390023

## Minutes of the meeting held on 12.03.2018 at 12.00 hrs under the Chairmanship of Shri K. C. Mistry, Member Secretary, Gujarat Pollution Control Board, in the Committee Room No 106, GPCB Gandhinagar

## **Compliances of Post CEPI Action Plan - VAPI Cluster**

Sr. No.	Action Point	Agency/ Organi- zation	Time Frame	Status (as on 10/03/2018)
1.	CETP augmentation			
	Capacity 55 to 70 MLD - Submit an action plan with bar chart	VGEL VIA	Within one month.	VGEL CETP, Vapi has applied for Environment Clearance on 31.12.17 to State Environment Impact Assessment Authority (SEIAA) to enhance CETP capacity from 55 MLD to 70 MLD.
				SEAC has recommended to issue Terms of reference (TOR) after presentation on 07.02.2018.
	Implementation		Within six months (after receiving EC)	It is proposed to complete work within six months on receipt of EC from competent authority.
			1000111115 207	Action Plan with Bar chart for period of six month will be submitted to GPCB on receipt of EC from competent authority.
2.	CETP augmentation Capacity 70 to 100 MLD -Submit an action plan with bar chart	VGEL, VIA	After successful completion of first phase	Further expansion up to 100MLD will be considered after successful implementation of first phase expansion up to 70 MLD & an action plan with bar chart to bar submitted accordingly.
3.	Up-gradation of collection pipeline network of waste water to cater future load	GIDC		GIDC, Vapi has written letter on 18.07.2017 stating that present pipeline network are sufficient to cater future load.
4.	Up gradation of all pumping station of waste water to cater future load	GIDC	30 days	GIDC, Vapi has written letter on 18.07.2017 stating that present pumping station are sufficient to cater future load.
5.	Laying of pipeline up to the point decided by NIO, Mumbai	VGEL, VIA	As per order No. 109/ 2014 in Hon'ble NGT (WB) Pune.	Honorable NGT (WB) Pune, has issued an order on 27/10/2017 in the matter application no.109/2014 and directed to VGEL to lay down pipeline up to 4.5 KM from existing discharge point, within territory of Gujarat.
	Submit an action plan with bar chart			Work to decide and finalization of discharge point by NIO Mumbai is in process.

6.	Acid Bank (Spent acid reception, collection, storage Treatment & Disposal)  -Submit an action plan with bar chart	VIA	15 days	Data collection for the generation of Spent Sulphuric Acid in Vapi cluster is done by VIA (@ 700 KLPD of spent Sulphuric acid generation having @ 20% Acidity).  As a part of development of Acid Bank concept, VIA authorities, concern Officers and actual reuser awareness meeting were organized.  In next phase member industries will be sensitized accordingly.  VIA/GPCB shall take up issue and then finalize after due discussion in consideration of how provision of rule 09 permission under Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016.
7.	Installation of common spray dryer facility for high COD/ TDS waste water -Submit an action plan with bar chart -installation & commissioning	VGEL, VIA	Within six month	Work for installation is in final process GPCB has issued Consent to Establish (NOC) on 16/10/2017.  Installation of spray dryer (Capacity 4000 Kg/Hr) work will be completed up to Feb – 2018.  Trial for commissioning going on and will be commissioned by the end of March 2018.  There after CETP will apply for Consent to Operate for spray dryer
8.	Installation of online monitoring system on each pumping station receiving industrial waste water -installation & commissioning	VGEL, VIA	Within six month.	Online pH meters with pH correction dosing system have been installed at each pumping stations.  For other parameters i.e. COD and Ammonical Nitrogen, COD analyzer installed at pumping station(PS) No. 3 on 02.02.2017 and after successful installation and working of the said instrument it will be installed at other pumping stations
9(a)	Identification of  (i) manholes having industrial w/w exceeding norms  (ii) culprit industries discharging w/w having exceeding norms	GIDC, VIA VGEL VO(SG)- GPCB	Immediately	Ongoing Process,  In addition to regular monitoring, 5 tier monitoring system is going on.  Necessary action taken as per Environment rules and regulation.

9(b)	Installation of online monitoring system on	VGEL, VIA	within six month	Online monitoring systems will be provided at pumping stations in 1 <sup>st</sup> phase.
	the identified vulnerable manhole			After successful installation and working of the said instrument at all pumping stations, installation of online monitoring system at vulnerable manhole may be considered, if requires.
10.	Installation of Continuous Ambient Air Quality Monitoring Station (2 station)	(i) GPCB (1 station) (ii) VGEL, VIA (1station)	Within six month	Continuous Ambient Air Quality Monitoring equipment is installed at Center of Excellence (COE) & monitoring is also started.  VGEL will install sensor based instrument for CAAQMS location at TSDF site Vapi going on and will be commissioned by March – 2018.
11.	Monitoring of Ambient Air Quality Monitoring Station identified for CEPI (6 station) (i) Identification of 3 <sup>rd</sup> Party for monitoring  (ii) Monitoring	GPCB Third Party	One month	GPCB has setup 3 <sup>rd</sup> party monitoring of Ambient Air Quality at 5 stations in Vapi region and monitoring is done regularly by 3 <sup>rd</sup> party.  By and large parameters like PM <sub>2.5</sub> , SO <sub>2</sub> are within limit.  However PM <sub>10</sub> is not within limit due to heavy vehicles traffic.  M/S Bhagvati Ana Lab has been engaged to carryout pre-monsoon and post monsoon monitoring of Air, Water and Land as per CEPI locations.
12.	Monitoring of Individual Flue/Process gas Stack (i) Identification of 3rd Party for monitoring (ii) Monitoring	GPCB Third Party	One month  Quarterly	CETP Vapi will identify third party for flue/process gas monitoring.  Work for monitoring will be given to third party NABL accredited / MoEF&CC approved
13.	Identify refractory COD generated industrial units.	VGEL	Immediate	Iaboratory.  Total 92 nos. of industries identified. 80 nos. of industry are members of CMEE  27 nos. of industries having captive MEE for Refractory COD.  Frequent monitoring of the above mentioned 92 units are carrying out by GPCB and VGEL, to verify operation of captive MEE and disposal of refractory COD generated effluent at CMEE.
14.	New TSDF site development with incinerator Submit an action plan with bar chart -Implementation	VGEL, VIA	30 days	EC received for new proposed TSDF Site on dated 07/11/2017.  Bar chart to be submits to GPCB by the end of March 2018.
15.	Identify VOC emitted industrial units	VGEL,	Immediate	All 29 units have adopted system as per recommendation given by SVNIT.

		0000 00	T .	
	Insist them to comply GPCB spent solvent guideline	GPCB-RO Vapi		Complied
16.	Identify and develop proper facility for parking of Heavy vehicle	Notified Area Authority, District Authority	Within three month	Not allotted plot for Transportnagar till the date. This matter reviewed under the Chairmanship of District Collector Task Force Vapi Air Action Plan & CEPI. In this regard letter is written to Notified area Authority and they reply that this matter is under consideration and after consultation with GIDC further action could be taken.
17.	To provide wall to wall carpet in GIDC area	Notified Area Authority, District Authority	Within three month	Wall to wall paver block work is completed in Residential Zone – 1 and 2 of Notified Area.
18.	CETP shall collect information from industries regarding existing & proposed (a) consumption of water (b)waste water generation (c)production capacity (d)Environment Management System (EMS) (e) Investment in EMS	VGEL	Immediate	Information were collected and data is under preparation
19.	Fresh water use by Industry from other source like tanker/bore well etc. shall be restricted  1. Issue necessary instruction for not to use fresh water from other sources  2. To keep watch on industry using fresh water from other source  3. In CTE / CCA order fresh water consumption and its source shall be mentioned	GIDC, VGEL	Immediate	Vapi GIDC is being supplying water to industries and has adequate water quantity to supply to Industries.  (a) GIDC shall obtain data of actual quantity of waste water received by CETP, Vapi.  • So far taker movement during odd hours /Night is restricted.  • VGEL members are instructed to inform in advance about usage of tanker water in case of less/no GIDC water supply. If any industry found using tanker water without information penalty of 25,000 Rs. as per VGEL policy.  Complied
20.	Existing units having CCA for Zero Liquid	GIDC, GPCB,	Immediate	Drainage connections of 128 Nos. of industrial units were disconnected by GIDC as they have

	Discharge shall not be	VGEL		no permission to discharge any effluent into
	permitted for discharge			CETP through underground drainage
	into CETP through			connection.
	underground drainage			
	connection of GIDC. The			
	GIDC shall seal their			
	underground drainage			
	connection and inform			
	the Board			
21.	To monitor Zero Liquid	GPCB-	Immediate	Complied
	Discharge (ZLD) units	Regional		Ongoing process
	and verify their ZLD	office, Vapi		
	status.			