



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 80317/

Date:29.12.2018

To,

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,


(K.C. Mistry)
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 Bhawan', Atmajyoti Ashram Road,
VMC Ward Office no. 10,
Shubhanpura, Vadodara - 390023

**Progress Report on Post Moratorium CEPI Action Plan of Ankleshwar
(Sept -2018)**

Sr. No.	Action Point	Action Plan		Time limit & Implementing agency	Present status (As tentative details obtained from the concerned agencies)
		Short Term Actions	Long Term Actions		
1.	To close down old u/g drainage network of pumping stations A, B & C in Ankleshwar estate. To execute the "Above ground pipeline network project".		<ul style="list-style-type: none"> • So far no action plan is submitted. 	<ul style="list-style-type: none"> • NAA/AIA • NCTL 	<ul style="list-style-type: none"> • As a result of sealing of ghost connections, inlets of old A, B, C pumping stations & removal of abandoned drainage lines etc., FETP outlet has been started meeting with the norms on continuous basis since the end of March'18. Qty. of unaccounted flow received from old u/g drainage network is also reduced. • Though the old u/g drainage network inlets of pumping stations A, B & C has been sealed, outlets of pumping stations B & C kept operational for collecting & pumping of contaminated runoff received through open surface storm water drains, to prevent pollution in nearby natural khadi-creeks. • NAA has submitted revised estimate w.r.t. above ground

					pipeline project for now 61 # industries (incl. textile processors) to GIDC HO, as per their instructions. Design has been approved & the project is at the verge of approval.
2.	Study & Up-gradation of FETP of NCTL for performance improvement	<ul style="list-style-type: none"> • NEERI team completed onsite study of FETP for 09 days during April-2017 and waiting for its report. • Recommendations of GCPC, GPCB & based on study carried out by NCT for improving performance at preprimary & primary section • Private consultant also hired to improve the performance and he has also carried some trial and give suggestion for the same 	<ul style="list-style-type: none"> • As per NEERI recommendation, technical up-gradation will be carried out to improve the treatment performance. 	<ul style="list-style-type: none"> • Long term action plan: 12 Months after receiving NEERI report. GPCB to take action. So far no progress observed. (NCT & AIA, PIA). 	<ul style="list-style-type: none"> • NEERI study report is still awaited. <p><u>Short term measures by NCT:</u></p> <ul style="list-style-type: none"> • NCT has completed level correction of one out of four primary clarifiers, and work is in progress for one out of four secondary clarifiers. • DO meters put in operation to measure & maintain DO levels in aeration tank. • NCT has improved efficiency of decanter for increase in sludge removal. • Online TOC meters received for FETP inlets of Ankleshwar & Panoli. • Online meter for Total N commissioned at FETP outlet. • Order has been placed for automation & SCADA system for process control. • GPCB has issued a legal notice to NCT for the non-compliances of FETP.

3.	Augmentation of increase in conveyance capacity of existing final effluent conveyance pipeline Exploring possibility for laying new pipeline parallel to existing one	<ul style="list-style-type: none"> • The achieved capacity is 42 MLD, without interruptions of power. Downtime reduced to only 48 hrs. In last year as compared to 300+ hrs. in previous year, achieved by strengthening of critical Sections, route patrolling & app based monitoring • Technical study for capacity of existing pipeline completed, indicated maximum capacity as 40 – 45 MLD, further as suggested by consultant, this line can also carrying flow up to 55 – 60 MLD subject to some modification by providing booster pumping mechanism in-between the conveyance line. Work for detailing is to be allotted. 	<ul style="list-style-type: none"> • Feasibility study is under planning for new additional conveyance pipeline. 	<ul style="list-style-type: none"> • Short term actions to be implemented in 3 Months. • Long term action plan: To be submitted by NCTL. (NCT & AIA , PIA) 	<ul style="list-style-type: none"> •Engineers India Ltd. (EIL) is being engaged to work out feasibility of increasing future capacity of conveyance pipeline. NCT has furnished the technical details to EIL for quotation. •Ranson Associates is being engaged to explore the possibility to enhance the conveyance capacity of existing pipeline.
4.	New Effluent Conveying Pipeline of Jhagadia GIDC	<ul style="list-style-type: none"> • The new separate pipeline of 35 MLD capacities for conveyance of treated effluent from Jhagadia GIDC estate has been commissioned since November, 2016. GPCB has granted the CTE & CCA for the same. • Polishing treatment at FPS of Jhagadia was already planned with the new pipeline • After commissioning of above ground pipeline, old u/g network should be stopped & scrapped. 			<ul style="list-style-type: none"> •New effluent conveying pipeline is already commissioned and made functional by NCTL. •Above ground inlet network for 11 # of discharging companies has been commissioned. •Approval of finance/subsidy is awaited for any further progress in the project of polishing treatment facility.

5.	Monitoring of tanker movement @ entry / exit gates of the estate	<ul style="list-style-type: none"> • SOPs to be prepared as per H/w Rules & Guidelines 	<ul style="list-style-type: none"> • AIA /NAA will arrange for professional staff for monitoring of the same. So overall monitoring system will be as same as toll-booth. 	<ul style="list-style-type: none"> • Short term action plan: March-18 <p>Industrial Association/ GPCB</p>	<ul style="list-style-type: none"> • No further progress in CCTV surveillance system of AIA. No upgradation observed in tanker monitoring system at entry/exit gates by AIA/NAA. • Site surveillance by GIL is carried out recently at 2 # places for installation of CCTV on trial basis, out of total number of entry/exit points suggested by RO-Ankleshwar for proposed CCTV surveillance system to be provided by GPCB.
6.	Clean up of illegal hazardous waste dump site of Kharod	<ul style="list-style-type: none"> • It was decided to go with some government approved agency like NEERI, SVNIT, Surat or IIT, Bombay 		<ul style="list-style-type: none"> • Time limit: March-18. <p>(AIA)</p>	<ul style="list-style-type: none"> • AIA now proposed in writing to GPCB for allowing the study to be carried out by Kadam Consultants, Baroda, instead of SVNIT, Surat.
7.	New CETP of 6 MLD by AIA promoted co. Ankleshwar Waste Management	<ul style="list-style-type: none"> • MOU signed by AIA in Vibrant Gujarat, 2017 for the CETP project. Now, they propose for 10 MLD capacity Consultants for EC & Technical Design are identified and application for land allotment pending with GIDC 		<ul style="list-style-type: none"> • Time limit: By June-19 <p>(AIA/GPCB)</p>	<ul style="list-style-type: none"> • Two presentations w.r.t. TOR/EIA for EC has been made to SEAC. Query raised by SEAC has been replied by project proponents. Grant of EC is awaited from SEAA. • Application for CtE is uploaded online by proponents.
8.	CPC Blue Mfg units to go for Zero Liquid Discharge. They	.	<ul style="list-style-type: none"> • All CPC blue manufacturing units are to be ZLD 	<ul style="list-style-type: none"> • No action plan is submitted (All CPC manufacturing industries, GPCB) 	<ul style="list-style-type: none"> • Narayan Organics & A-One Chemical obtained approval. Only Narayan Organics started sending Ammonium Carbonate to Nirma

	may enter in to MOU with KRIBHCO for use of their high ammonical nitrogen bearing stream			GPCB/ CPC Blue mfg industries	<p>Ltd. & Spent Acid to Shree Cement, Rajasthan.</p> <ul style="list-style-type: none"> • No efforts are made by other CPC mfg. units for sending their Ammonia bearing streams to Nirma/Shree Cement. They are managing their Ammonia bearing waste streams at their premises.
9.	Implementation of Extended Producer's Responsibility Principle	<ul style="list-style-type: none"> • GPCB to spread awareness through Env. Clinics for reusers/re-processors & bulk generators reg. Guidelines / SOPs of spent solvents / spent acids • Solvent distillation units to apply for permission under Rule-9 of H/w Rules, 2016 	<ul style="list-style-type: none"> • All the h/w reproducers are to be covered under Rule-9 permission. • AIA to plan & implement setting up of waste exchange bank & h/w blending facility for co processing 	<ul style="list-style-type: none"> • December-18 (AIA) 	<ul style="list-style-type: none"> • GIDC has allotted 45,000 sq.m area to NAA/AWML to develop waste management facility for co-processing/pre-processing, spent acid, high NH₃ stream, DCP from HCl etc.
10.	Control on scrap trading activities at Ankleshwar to curb related pollution issues	<ul style="list-style-type: none"> • Joint team consists of officials from Land & Revenue, DGVCL, DISH, DPMC, NAA, GPCB & police has been formed by SDM, Ankleshwar for survey of the illegal & polluting scrap traders. • AIA & PIA to restart decontamination certification system as prevailed earlier. 	<ul style="list-style-type: none"> • AIA & PIA to plan for setting up common decontamination facility along with CETP 	<ul style="list-style-type: none"> • December - 18 • (AIA, PIA, GPCB & Dist. Authority) 	<ul style="list-style-type: none"> • AIA & PIA has started their earlier system of checking & stickering on barrels/containers, however not being recorded & reported to GPCB. • Dist. Collector has been again requested for the joint

					<p>surveillance of scrap trading units by GPCB, Land & Revenue, DGVCL, DISH, DPMC, NAA & police.</p> <ul style="list-style-type: none">• Meanwhile, 14 # scrap traders inspected & 10 # have been issued with the closure by GPCB, out of which 6 # of such units have been recently sealed by District Authority on request by & jointly with GPCB.
--	--	--	--	--	--