



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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GPCB/P-1/CEPI-10/M80317/

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

**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/ Organization | Time Frame | Status (as on 10/03/2018) |
|----------------|--|-----------------------------|---|---|
| 1. | CETP augmentation Capacity 55 to 70 MLD - Submit an action plan with bar chart Implementation | VGEL VIA | Within one month. Within six months (after receiving EC) | 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. It is proposed to complete work within six months on receipt of EC from competent authority. 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 Submit an action plan with bar chart | 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. Work to decide and finalization of discharge point by NIO Mumbai is in process. |

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| 6. | <p>Acid Bank (Spent acid reception, collection, storage Treatment & Disposal)</p> <p>-Submit an action plan with bar chart</p> | VIA | 15 days | <p>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).</p> <p>As a part of development of Acid Bank concept, VIA authorities, concern Officers and actual re-user awareness meeting were organized.</p> <p>In next phase member industries will be sensitized accordingly.</p> <p>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.</p> |
| 7. | <p>Installation of common spray dryer facility for high COD/ TDS waste water</p> <p>-Submit an action plan with bar chart</p> <p>-installation & commissioning</p> | VGEL, VIA | Within six month | <p>Work for installation is in final process GPCB has issued Consent to Establish (NOC) on 16/10/2017.</p> <p>Installation of spray dryer (Capacity 4000 Kg/Hr) work will be completed up to Feb – 2018.</p> <p>Trial for commissioning going on and will be commissioned by the end of March 2018.</p> <p>There after CETP will apply for Consent to Operate for spray dryer</p> |
| 8. | <p>Installation of online monitoring system on each pumping station receiving industrial waste water</p> <p>-installation & commissioning</p> | VGEL, VIA | Within six month. | <p>Online pH meters with pH correction dosing system have been installed at each pumping stations.</p> <p>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</p> |
| 9(a) | <p>Identification of</p> <p>(i) manholes having industrial w/w exceeding norms</p> <p>(ii) culprit industries discharging w/w having exceeding norms</p> | <p>GIDC, VIA VGEL</p> <p>VO(SG)- GPCB</p> | Immediately | <p>Ongoing Process,</p> <p>In addition to regular monitoring, 5 tier monitoring system is going on.</p> <p>Necessary action taken as per Environment rules and regulation.</p> |

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| 9(b) | Installation of online monitoring system on the identified vulnerable manhole | VGEL, VIA | within six month | <p>Online monitoring systems will be provided at pumping stations in 1st phase.</p> <p>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.</p> |
| 10. | Installation of Continuous Ambient Air Quality Monitoring Station (2 station) | (i) GPCB (1 station) (ii) VGEL, VIA (1station) | Within six month | <p>Continuous Ambient Air Quality Monitoring equipment is installed at Center of Excellence (COE) & monitoring is also started.</p> <p>VGEL will install sensor based instrument for CAAQMS location at TSDf site Vapi going on and will be commissioned by March – 2018.</p> |
| 11. | <p>Monitoring of Ambient Air Quality Monitoring Station identified for CEPI (6 station)</p> <p>(i) Identification of 3rd Party for monitoring</p> <p>(ii) Monitoring</p> | <p>GPCB</p> <p>Third Party</p> | One month | <p>GPCB has setup 3rd party monitoring of Ambient Air Quality at 5 stations in Vapi region and monitoring is done regularly by 3rd party.</p> <p>By and large parameters like PM_{2.5}, SO₂ are within limit.</p> <p>However PM₁₀ is not within limit due to heavy vehicles traffic.</p> <p>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.</p> |
| 12. | <p>Monitoring of Individual Flue/Process gas Stack</p> <p>(i) Identification of 3rd Party for monitoring</p> <p>(ii) Monitoring</p> | <p>GPCB</p> <p>Third Party</p> | <p>One month</p> <p>Quarterly</p> | <p>CETP Vapi will identify third party for flue/process gas monitoring.</p> <p>Work for monitoring will be given to third party NABL accredited / MoEF&CC approved laboratory.</p> |
| 13. | Identify refractory COD generated industrial units. | VGEL | Immediate | <p>Total 92 nos. of industries identified. 80 nos. of industry are members of CMEE</p> <p>27 nos. of industries having captive MEE for Refractory COD.</p> <p>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.</p> |
| 14. | <p>New TSDf site development with incinerator.</p> <p>- Submit an action plan with bar chart</p> <p>-Implementation</p> | VGEL, VIA | 30 days | <p>EC received for new proposed TSDf Site on dated 07/11/2017.</p> <p>Bar chart to be submits to GPCB by the end of March 2018.</p> |
| 15. | Identify VOC emitted industrial units | VGEL, | Immediate | All 29 units have adopted system as per recommendation given by SVNIT. |

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