



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

Speed Post

CPCB/IPC-VII/CETPs/Direction/2019

8775

Date: 04/11/2019

To

**The Chairman**

Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector-10A,  
Gandhinagar-382010, Gujarat

**Directions under Section 18 (1) (b) of water (Prevention and Control of Pollution) Act, 1974, regarding non-compliance status of Common Effluent Treatment Plants (CETPs)**

WHEREAS, amongst others, under Section 17 of Water (Prevention and Control of Pollution) Act, 1974, one of the functions of State Pollution Control Boards (SPCBs) (or Pollution Control Committee for Union Territories), constituted under the Water (Prevention and Control of Pollution) Act, 1974, is to plan a comprehensive programme for the prevention, control and abatement of pollution of streams and wells in the concerned State/UT and to secure the execution thereof; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB) constituted under the Water (Prevention and Control of Pollution) Act, 1974, is to coordinate activities of the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) and to provide technical assistance and guidance to SPCBs/PCCs; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the CPCB is to promote cleanliness of streams and wells in different areas of the States; and

WHEREAS, under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, no person shall without the previous consent of the State Board establish or take step to establish any industry, operation or process of any treatment or disposal system or an extension or addition thereto, which is likely to discharge sewage or trade effluent into a stream or well or sewer or on land; and

केन्द्रीय प्रदूषण नियंत्रण बोर्ड

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दिनांक ..... 15/11/19

SBC(VU)

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o/c

**WHEREAS**, the Central Government has specified the standards for discharge of environmental pollutants from industries and CETPs under Environment (Protection) Act, 1986 and the rules framed there under; and

**WHEREAS**, CPCB has been interacting with SPCBs regarding implementing effective monitoring mechanism to ensure compliance of effluent standards by CETPs and to stop direct discharge of untreated industrial effluent from industries/industrial area by-passing the CETP for the area; and

**WHEREAS**, in order to improve the status of compliance of the stipulated effluent standards by CETPs, Central Pollution Control Board (CPCB) has issued directions under section 18 (1) (b) of the Water (Prevention and Control of Pollution) Act, 1974, to SPCBs/PCCs, vide letter No. B-22013/2/PCI-III/2008, dated 2/9/2008 and modified directions vide letter no. PCI-SSI/CETPs Monitoring/Direction/2016, dated 31/3/2016 as follow:

1. *Carry out monitoring of all CETPs and the associated industrial areas at least every quarter:*
  - a) *To check compliance of inlet quality parameters of CETP*
  - b) *To check compliance of the effluent standards for CETPs notified on 1<sup>st</sup> January 2016, or if any more stringent standards for ZLD condition specified by the SPCB*
  - c) *To check maintenance and calibration status of the OCEMS in the CETP*
  - d) *To check occurrence of any bypass of untreated effluents from industries/industrial area wherever applicable*
2. *Upload the performance status of all CETPs in respect of each monitoring on SPCB website regularly, starting from April 2016*
3. *Not permit establishment/expansion of industrial units in the areas where the associated CETPs are not complying with the specified standards or where such CETPs do not have adequate hydraulic capacities except for such cases which do not impact performance of CETP, such as*
  - a) *Not resulting in increase in pollution load such as industries generating nil effluent, 100% effluent recycling units, industries generating only concentrated stream disposed at Common Hazardous Waste Treatment and Disposal Facility*
  - b) *CETP has unutilized hydraulic capacity and the effluent of new industry/expansion will help in improving the performance of CETP (in all such cases the SPCB shall provide details and justification for granting permission to new units/expansion of existing units to CPCB every quarter)*
4. *Take suitable action against industries/CETPs not complying with the prescribed standard*
5. *To take suitable action to stop bypass of untreated industrial effluents from industries/industrial estates wherever applicable.*

WHEREAS, Gujarat Pollution Control Board (GPCB) vide letter no. GPCB/CCA-VSD-237(19)/ID-24764/512337, dated 4/7/2019, requested to jointly visit CETPs in Gujarat;

WHEREAS, CPCB and GPCB carried out joint inspection cum monitoring of 5 CETPs located in Gujarat during July, 2019. The observations and recommendations as well as analysis reports are enclosed at **Annexure-I** and **Annexure-II**, respectively.

AND NOW THEREFORE, in exercise of powers conferred under Section 18 (1) (b) of the Water (Prevention and Control of Pollution) Act, 1974, GPCB is hereby directed to take appropriate action for compliance of the following directions:

1. GPCB shall direct non-complying CETPs to take immediate corrective actions to comply with the environmental standards.
2. In case of non-complying CETPs, action as deemed fit including levying of environmental compensation may be taken.
3. CETPs should be directed to take action as per the recommendations provided at **Annexure-I** within a time frame.
4. In case, OCEMS are not connected with CPCB & SPCB servers, ensure a robust system of physical inspections to verify compliance by drawing samples.

Compliance of the directions shall be submitted to CPCB within 15 days.



(S.P. Singh Parihar)  
Chairman

Encl: As above



Contd...

**Copy to:**

- 1 **The Joint Secretary (CP Division),** : For information, please.  
Ministry of Environment, Forest &  
Climate Change  
Indira Paryavaran Bhawan,  
Jorbagh Road  
Ali Ganj, Lodi Colony  
New Delhi-110 013
- 2 **The Regional Director,** : For follow-up, please.  
Regional Directorate,  
Central Pollution Control Board  
Parivesh Bhavan,  
Near Ward Office No. 10,  
Subhanpura, Vadodara-390023
- 3 **The In-charge, IT Division,** : With a request to upload  
CPCB, Delhi the Directions on CPCB  
website

  
(Prashant Gargava)  
Member Secretary

o/c

Report on Common Effluent Treatment Plants (CETPs) in Gujarat as per  
the Inspection of Central Pollution Control Board (CPCB) during 2019

S. No.	Name & Address of CETP	Date of Inspection	Observations / Compliance status	Recommendations/Action Points
1.	M/s Nandesari Industries Association CETP, Plot No. 153/A, GIDC, Nandesari-391340, Dist., Vadodara, Gujarat	10/07/2019	<ul style="list-style-type: none"> <li>• CETP is <b>not complying</b> with prescribed discharge limits w.r.t. TSS, TDS, COD, Fluoride and chloride at both CETP outlet and VECL sump d/s of CETP outlet.</li> <li>• CETP is for Industrial units such as Chemical, pharmaceutical, pesticide, pigment &amp; dyes, metals and energy (157 units).</li> <li>• CETP's CCA is valid up to 07/10/2019.</li> <li>• It treats around 6.7-6.8 MLD of effluent as against the designed capacity of 12 MLD.</li> <li>• Inlet CETP standards are prescribed.</li> <li>• OCEMS is installed.</li> </ul>	<ul style="list-style-type: none"> <li>• The operator shall improve operation of CETP so as to meet discharge standards immediately. Thereafter performance evaluation study of CETP is to be conducted through Government institution within four months.</li> <li>• CETP should obtain valid CCA within two months.</li> </ul>
2.	M/s Sachin Infra Environment Limited Plot No. PP/2, Road No. 2, GIDC, Sachin:-394230, Dist. Surat, Gujarat	17/07/2019	<ul style="list-style-type: none"> <li>• CETP is <b>not complying</b> with prescribed discharge limits w.r.t. TDS, FDS, COD, BOD, Chloride.</li> <li>• CETP is for Textile Processing Units (86 units)</li> <li>• CETP's CCA is valid up to 29/05/2019.</li> <li>• It treats around 30 MLD of effluent as against the designed capacity of 50 MLD.</li> <li>• Inlet CETP standards are not prescribed.</li> <li>• OCEMS is installed.</li> </ul>	<ul style="list-style-type: none"> <li>• The operator shall improve operation of CETP so as to meet discharge standards immediately. Thereafter performance evaluation study of CETP is to be conducted through Government institution within four months.</li> </ul>

				<ul style="list-style-type: none"> <li>• CETP should obtain valid CCA within two months.</li> <li>• GPCB should prescribe inlet norms to CETP within one month.</li> </ul>
3.	M/s Pandesara Infrastructure Ltd. Pandesara Plot No. : 46, Vadodara:-395023 Tal:- Chorasi, Dist. Surat, Gujarat	17/7/2019	<ul style="list-style-type: none"> <li>• CETP is <b>not complying</b> with prescribed discharge limits w.r.t. TSS, TDS, COD, BOD, Chloride.</li> <li>• CETP is for 95% Textile units and 5% chemical Units(128 units)</li> <li>• CETP's CCA is valid up to 30/08/2022.</li> <li>• It treats around 65 to 85 MLD effluent as against the designed capacity of 100 MLD.</li> <li>• Inlet CETP standards are prescribed.</li> <li>• OCEMS is installed.</li> </ul>	<ul style="list-style-type: none"> <li>• The operator shall improve operation of CETP so as to meet discharge standards immediately. Thereafter performance evaluation study of CETP is to be conducted through Government institution within four months.</li> </ul>
4.	Bavla Eco Project Plot No. 1440/P, Opp. Vijaylaxmi Rice Mill Bavla: 382220, Tal: Bavla, Dist. Ahmedabad, Guajart	24/07/2019	<ul style="list-style-type: none"> <li>• CETP is <b>not complying</b> with prescribed discharge limits w.r.t. Colour, TSS, FDS, COD, BOD, Chloride, Sulphides.</li> <li>• CETP is for industrial unit of Rice mills (13 units)</li> <li>• CETP has obtained CC&amp;A from GPCB- Consent No. W-85586, Issued on 27/04/2017 and valid up to 11/04/2022.</li> <li>• It treats 250 m<sup>3</sup>/day effluents against the design capacity of 1000 m<sup>3</sup>/day.</li> <li>• Inlet CETP standards are prescribed.</li> <li>• OCEMS is not installed.</li> </ul>	<ul style="list-style-type: none"> <li>• The operator shall improve operation of CETP so as to meet discharge standards immediately. Thereafter performance evaluation study of CETP is to be conducted through Government institution within four months.</li> <li>• CETP should install OCEMS and provide connectivity to CPCB server within one months.</li> </ul>

5.	<p>Vinayak Jal Shuddhikaran Mandali Ltd. Survey No.: 664/1 664/2, 664/3, 664/4 Dholaka Road C/O Tirupati Agro Industries, At: Bavla Tal: Bavla, Dist. Ahmedabad, Gujarat</p>	24/07/2019	<ul style="list-style-type: none"> <li>• CETP is <u>not complying</u> with prescribed discharge limits w.r.t. Colour, FDS, Chloride.</li> <li>• CETP is for industrial unit of Rice mills(21 units)</li> <li>• CETP has obtained CC&amp;A from GPCB- Consent no. W-85814, Issued on 03/05/2019 and valid up to: 30/04/2022.</li> <li>• It treats 200 m<sup>3</sup>/day effluent as against the design capacity of 1500 m<sup>3</sup>/day.</li> <li>• Inlet CETP standards are prescribed.</li> <li>• OCEMS is not installed.</li> </ul>	<ul style="list-style-type: none"> <li>• The operator shall improve operation of CETP so as to meet discharge standards immediately. Thereafter performance evaluation study of CETP is to be conducted through Government institution within four months.</li> <li>• CETP should obtain valid CCA within two months.</li> <li>• CETP should install OCEMS and provide connectivity to CPCB server within one months.</li> </ul>
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Monitored Characteristics of treated effluent being discharged from Common Effluent Treatment Plants

Sl. No	Name of CETP	pH	Color	TS	FDS	TDS	COD	BOD	NH <sub>3</sub> -N	TKN	NO <sub>3</sub> -N	F <sup>-</sup>	S <sup>2-</sup>	O-PO <sub>4</sub> -P	Cr <sup>6+</sup>	Cl <sup>-</sup>	SO <sub>4</sub> <sup>2-</sup>	Phenols	CN <sup>-</sup>	O & G	Total Cr	Cu	Cd	Pb	Mn	Ni	Zn
1.	M/s Nandesari Industries Association CETP, Vadodara	7	75	366	30934	32530	285	71	7.6	9.7	5.9	1.98	BDL	0.088	0.04	17416	663	0.028	0.057	3.3	B DL	B DL	B DL	B DL	0.25	0.242	0.06
	Standard prescribed	6.5-8.5	100	100	--	5000	2500	1000	50	--	--	1.5	2	--	1	600	1000	1	0.2	10	2.0	2.0	2.0	0.2	--	5.0	5.0
2.	M/s Sachin Infra Environment Limited, Surat	8.24	--	70	2250	3216	758	261	29	42.3	2.4	1.47	0.72	BDL	0.07	1061	234	0.63	0.054	6.9	B DL	B DL	B DL	B DL	0.04	BDL	0.041
	Standard prescribed	6.5-8.5	--	100	2100	2100	2500	300	50	100	--	--	2.0	--	0.1	1000	1000	1.0	0.2	10	2.0	3.0	1.0	1.0	--	3.0	5.0



3.	M/s Pandes ara Infrastr ucture Ltd. Pandes ara, Dist.: Surat	7.	--	1	517	767	4	1	47	52	2	BD	0.6	BDL	B	279	602	0.6	0.0	1.	B	B	B	B	0.	0.0	BD
		37		2	2	2	1	4		.4	.	3	L	6		DL	6			78	7	DL	D	D	D	44	25
	Standar d prescri bed	6.	--	1	--	210	2	3	50	10	--	--	2.0	--	0.	100	100	1.0	0.2	1	2.	3.	1.	1.	--	3.0	5.0
		5-		0		0	5	0		0					1	0	0			0	0	0	0				
		8.		0			0																				
		5																									
4.	M/s Bavla Eco Project, Bavla, Dist: Ahemd abad	7.	20	2	317	331	5	1	33	--	--	--	3.7	--	--	115	396	--	--	1.	--	--	--	--	--	--	--
		64	0	4	8	3	0	4	.8				4			4				0							
	Standar d prescri bed	5.	10	1	--	210	2	1	50	--	--	--	2.0	--	--	600	100	--	--	1	--	--	--	--	--	--	--
		5-	0	0		0	5	0								0	0			0							
		8.		0			0	0																			
		5																									
5.	M/s Vinayak Jal Shuddh ikaran Sahkari	7.	50	5	359	375	1	3	16	--	--	--	0.6	--	--	107	141	--	--	2.	--	--	--	--	--	--	
		83	0	6	0	2	8	6	.1				2			7				1							

Mandal i Ltd. Bavla, Dist: Ahemd abad																										
Standar d prescri bed	6. 5- 8. 5	10 0	1 0 0	210 0	210 0	2 5 0	1 0 0	50	--	--	--	2.0	--	--	600	100 0	--	--	1 0	--	--	--	--	--	--	--

Note: All parameters are in mg/l except pH and Color (Hazen units)