

BADDI INFRASTRUCTURE

CIN: U45209HP2010NPLCO31349. web site: baddiinfra.org.in
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No. BI-CETP/EIA/2018- 1067

Dated: 19-04-2018

To:
North Central Regional Office,
Ministry of Environment, Forest & Climate Change,
Pearson Road, P.O. New Forest,
Forest Research Institute (FRI) campus,
Dehradun - 248006.

Sub: Six monthly status of compliance of conditions of environmental clearance granted for CETP at Baddi

Dear Sir,

Please find enclosed herewith the status of conditions of environmental clearance granted for the Common Effluent Treatment Plant (CETP), Baddi Distt. Solan (HP) for the period 01-10-2017 to 31-03-2018.

Yours faithfully
For Baddi Infrastructure


Chief Executive Officer

Enclosure- As above

Copy forwarded to the Member-Secretary, HPPCB, Shimla with enclosures for information and necessary action please.

Six Monthly Reports on Status of Compliance of Conditions of Environmental Clearance of CETP, Baddi for the period ending 31-03-2018.

Sr. No.	Condition	Status of Compliance
SPECIFIC CONDITIONS		
i.	The "Consent to Establish" shall be obtained from the State Pollution Control Board under Air and Water Act before start of any construction work at site.	The "Consent to Establish" was obtained under the Water and Air Acts from HP State pollution Control Board before starting construction work at site of the Common Effluent Treatment Plant (CETP) at Kenduwal, Baddi Distt. Solan.
ii.	As suggested by the Irrigation Department & Public Health Government of Himachal Pradesh, the disposal point of CETP shall be 800 m downstream of the intake points of irrigation schemes (1) LIS Dassomajra (2) LIS Khol Khas and (3) LIS Bhood	Outfall of the CETP has been constructed in the form of underground pipeline according to the condition.
iii.	It is noted that at the time of ToR the proponent proposed for recycling of treated effluent. The EIA also address the same however, presently the proponent presented to the committee that recycling is not planned and it was mentioned in the EIA document by mistake. Proponent informed that the same was clarified during Public Hearing that they wished in the EIA report for reuse of treated water, but at present there is no provision in the project. The Committee, however, not accepted and suggested the proponent to explore maximum recycling of treated water and submit the details to SPCB before establishment of facility.	Matter of reuse of water is explored among the industries and there is no willingness among the industries to use the treated water from CETP. Moreover the recycling of effluent to the industries as end users requires distribution and storage network in the area and the cost is estimated at Rs. 37 crores including the provision of tertiary treatment. However at present the downstream users are also using the treated water of the effluent due to additional availability of water.
iv.	The proponent shall submit Bank Guarantee to the PCB for the amount to be fixed by SPCB so as to impose	Treatment of Effluent is satisfactory according to the norms and the results of tests conducted by HPPCB are enclosed in Annexure-1. Hence

Sr. No.	Condition	Status of Compliance
	accountability to meet the standards.	the Bank Guarantee may not be required. However request has been sent to HPPCB to this effect and necessary action to be initiated accordingly.
v.	The member industries with hydraulic loading more than 200 KLD shall treat in the existing onsite ETPs to the level of treatment and standards prescribed in the consent orders issued by the state PCB before discharging into CETP for further treatment.	As per the orders passed by the State Government vide No. Ind-A(E)1-8/2008-I dated 27-10-2010, it is mandatory for the industries to connect their wastewater to CETP.
vi.	The Member Industries with hydraulic loading more than 200 KLD, shall give top priority to recycle/ reuse the treated effluent and submit an action plan to SPCB.	Industrial units have the option to reuse the recyclable effluent.
vii.	The member industries with hydraulic loading more than 200 KLD shall treat in the existing onsite ETPs (as already these industries have provided on site ETP consisting of primary / secondary and tertiary treatment system) to the standards mentioned in the consent orders issued by the state PCB and then discharge into CETP for further treatment.	All industrial units have the option as per condition of the environmental clearance and it is their discretion to continue their own treatment or send untreated effluent to the CETP.
viii.	The Member Industries with hydraulic loading more than 200 KLD, shall give top priority to recycle/ reuse and submit an action plan to SPCB.	Industrial units have the option to reuse the recyclable effluent within their premises.
ix.	The project proponent shall submit a separate environment management cell for effective implementation of the stipulated environmental safeguards under the supervision of a	O& M of the CETP & effluent collection system has been given to M/s Bharuch Enviro Infrastructure Limited (Formerly M/s UPL Environmental Engineers Limited) which has an environmental cell with qualified personnel

Sr. No.	Condition	Status of Compliance
	Senior Executive.	to operate the CETP as per stipulated environmental safeguards. CEO of the proponent company directly interacts with the operator of the CETP for checking the environmental compliances.

GENERAL CONDITIONS

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| i. | Full support shall be extended to the officers of this Ministry/ Regional Office, Chandigarh by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities. | Full support has been extended to the officers of the Ministry of Environment, Forests & Climate Change or its Regional Office and same shall be continued whenever they visit the CETP and shall be continued in future as well.. |
| ii. | A six-monthly report shall need to be submitted by the project proponents to the Regional Office of this ministry at Chandigarh regarding the implementation of the stipulated conditions. | Six monthly reports are being sent to the Regional Office, Ministry of Environment, Forests & Climate Change with copy to the the Member-Secretary, HPPCB, Shimla |
| iii. | Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify existing ones, if necessary in the interest of environment and the same shall be complied with. | Needful shall be done to comply whenever any additional conditions are incorporated or the existing conditions are modified. |
| iv. | The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry. | CETP is being operated as per norms and the relevant conditions of the clearance are being complied with by the operator of the facility. |
| v. | In the event of a change in the project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment & Forests. | Needful shall be done. |
| vi. | The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities | Project has been commissioned since October, 2015. Financial closure of the project has been done on 30-06-2017. * |

Sr. No.	Condition	Status of Compliance
	and the date of start of land development work.	
vii.	A copy of clearance letter shall be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.	Copy of clearance has been sent to the concerned local bodies of the area where the plant is located.
viii.	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's office for thirty days.	Copy of clearance was submitted to the State Pollution Control Board
10	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereunder.	Proponent has obtained Consent under Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 valid up to 31-03-2018, authorization for sludge under the Environment (Protection) Act, 1986 from HPPCB valid up to 31-03-2020. Renewal application for consent to operate has been filed for a period up to 31-03-2020. Applicant has also obtained insurance under the Public Liability (Insurance) Act, 1991. Environmental Clearance under the EIA Notification, 2006 has also been obtained and is valid up to 18-02-2019.
11	All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosives, fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by the project proponents from respective competent authorities.	Relevant clearances have been taken.
12	The project proponent shall advertise in at least two local Newspapers widely	Necessary publication in the news papers had been made after receipt of the

Sr. No.	Condition	Status of Compliance
	circulated in the region, one of which shall be in vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of Ministry of Environment & Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter.	environmental clearance in January, 2013.
13	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted
14	Status of compliance of the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	This status is uploaded on the website (http://baddiinfra.org/cetp.html) as stipulated.
15	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
16	The environmental statement for each financial year ending 31 st March in Form-V as mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Office of MoEF by e-mail.	Environmental Statement in Form-V is uploaded on the website (http://baddiinfra.org/cetp.html) and also sent by e-mail to the Regional Office of MoEF&CC as stipulated.

ANNEXURE-I RESULTS OF SAMPLE COLLECTED BY HPPCB AT FINAL OUTLET OF CETP

Sr. No	Parameter Name	21/11/17	23/12/17	8/1/2018	11/1/2018	29/01/2018	23/02/2018	8/3/2018	14/03/2018
1	Solids (Dissolved)	1112	2107	2010	1981	2011	2284	1810	2112
2	Suspended Solids	46	56	68	68	37	173	52	39
3	Ammonical Nitrogen								
4	Biochemical Oxygen Demand (BOD)	26	28	20	22	22	42	22	18
5	Boron								
6	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND
7	Chloride	618.75	920.7	950	960	806.76	1264.92	1240	1125
8	Chromium Hexavalent								
9	Chromium Total								
10	COD	160	232	112	124	104	160	124	88
11	Copper	ND	ND	ND	ND	ND	ND	ND	ND
12	Cyanide								
13	Fluoride								
14	Lead	ND	ND	ND	ND	ND	ND	ND	ND
15	Nickel	ND	ND	ND	ND	ND	ND	ND	ND
16	Oil and Grease	1.04	1.92	1.4	1.04	0.72	2.2	0.84	0.72
17	pH	7.49	6.97	7.33	7.52	7.8	7.96	7.93	7.96
18	Phenol								
19	Sulphide								
20	Zinc	ND	0.52	0.08	ND	0.1	ND	0.12	0.3
21	Conductivity	1982µS	3520.0µS	3368µS	3310µS	3400µS	3750µS	3290.0µS	3580.0µS
22	Iron	0.62	0.32	0.16	0.66	0.24	0.42	0.18	0.14