

F.No.10-10/2014-IA.III

Government of India
Ministry of Environment, Forest & Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi - 3

Dated: 31st December, 2015

To

The Chief Executive Officer,
M/s Bharuch Enviro Infrastructure Ltd,
Plot # 9701-9716, GIDC Industrial Estate,
Ankleshwar, Dist. Bharuch,
Gujarat - 2

Sub: 'Expansion of Secured Landfill (Phase-III)' of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s Bharuch Enviro Infrastructure Ltd - Environmental Clearance - reg.

Sir,

This has reference to your letter dated 23.02.2015, submitted the above mentioned proposal to this Ministry for grant of Environment Clearance (EC) in term of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection), Act, 1986.

2. The proposal for **'Expansion of Secured Landfill (Phase-III)' of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s Bharuch Enviro Infrastructure Ltd**, was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its meeting held on 24th - 26th June, 2015.

3. The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above said EAC meetings, are reported to be as under:-

(ii) The project was accorded TOR vide letter No.10-10/2014-IA-III dated 18.09.2014.

(iii) The project involves expansion of Secured Landfill (Phase-III)' of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s Bharuch Enviro Infrastructure Ltd. The project is located at 21°36'55"-21°37'09" latitude and 73°02'03"-73°02'59" longitude.

(iv) The total site area is 69 acres, pit area is 2.98 acres and closure area is 14.755 acres.

(v) Green belt development (20% of construction projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surroundings areas. Total 2,79,233.34 sqm land area is available at site; out of

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this about 41,000 sqm (14.683%) area is covered as greenbelt and other forms of greenery.

- (vi) Water requirement will be met through GIDC water supply. Total GIDC water supply required is at 610 KL/day for industrial purpose and 26 KLD for domestic purpose.
- (vii) The waste water generation is limited to 312 KLD.
- (viii) The quantity of wastewater generated will be 80.5 KLD from various stages of the operation and most of the wastewater is treated and recycled to minimise the usage of groundwater. The entire waste water will be treated and reused for various activities such as vehicle tyre washing, dust suppression on roads, landfill, green belt development etc.
- (ix) No additional power is required. Gujarat Electricity Board (GEB) will supply the power. In case of power failure D.G set can be used (2x600 kVA capacity each).
- (x) **Investment/Cost:** The total cost of the project is Rs. 30 Crores.
- (xi) **Public Hearing:** Public Hearing is not required for projects/activities located within the industrial estates/parks as per Office Memorandum from MoEFCC (IA) letter no. J-11013/36/2014-IA-I dated 10.12.2014.
- (xii) **Wildlife issues:** There are no National Parks, Wildlife sanctuary, biosphere reserves found in the 10km buffer zone.
- (xiii) **Forests land:** No forest land is involved in the project.
- (xiv) There are no **court cases/violations** pending with the project proponent.

4. The EAC, after detailed deliberation, recommended the project in its meeting held on 24th – 26th June, 2015 for grant of Environmental Clearance. As per the recommendations of EAC, the Ministry of Environment, Forest & Climate Change hereby accords Environmental Clearance for the above-mentioned project **‘Expansion of Secured Landfill (Phase III)’ of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s Bharuch Enviro Infrastructure Ltd**, under the provisions of the EIA Notification, 2006 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions:

A. SPECIFIC CONDITIONS:

- (i) ‘Consent to Establish’ shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) Water from bore-wells shall not be used for the proposed activities. Existing bore-wells shall be used only for monitoring the quality of ground water.
- (iii) The proposed layout plan shall be realigned in such a way that the waste tipping area and processing area and other project components which produces maximum air and noise pollution is farthest from the habitation.
- (iv) State of the art measures shall be adopted for odor control from the plant.
- (v) The waste lying at the existing dumping site shall be excavated and should be accumulated to designated place within the site and this accumulated waste shall be compacted and closed scientifically after reaching the design height.
- (vi) Project Proponent shall develop green belt, as committed.

- (vii) The connectivity road to the site shall be as per IRC guidelines.
- (viii) The waste is proposed to be transported through the village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.
- (ix) The gas generated from the Landfill facility shall be collected and disposed as per rules.
- (x) The proponent shall obtain necessary clearance from the Ground Water Authority for the use of ground water.
- (xi) The depth of the land fill site shall be decided based on the ground water table at the site.
- (xii) An On Site Emergency Management Plan shall be prepared and implemented.
- (xiii) All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF&CC along with half yearly compliance report to MoEF&CC-RO.
- (xiv) Environmental Monitoring Programme shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.
- (xv) The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
- (xvi) Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.
- (xvii) The responses/commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.
- (xviii) The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.

B. General Conditions:

- (i) The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (ii) The project proponent should extend full support to the officers of this Ministry/Regional Office 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.
- (iii) The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of

the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

- (iv) In the event of a change in project profile or change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, Forest & Climate Change.
- (v) A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.
- (vi) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.
- (vii) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (viii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.

5. The above 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 Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.

6. All other statutory clearances 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 project proponents from the respective competent authorities.

7. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the 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 the Ministry of Environment, Forest & Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.

8. 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.

9. 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.

10. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

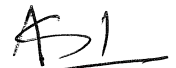
11. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

12. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

13. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

14. The environmental statement for each financial year ending 31st March in Form-V as is 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&CC by e-mail.


15. This issues with the prior approval of the Competent Authority.



(A.N. Singh)
Scientist D

Copy to: -

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar
2. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
3. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-10
4. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Link Road No.3, Ravishankar Nagar, Bhopal - 16
5. Guard File.
6. Monitoring Cell, MoEFCC.



(A.N. Singh)
Scientist D