

NOC NO124869

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 098

Memo No. 372 - 2N-18/2007(E)

Dated 07.11.2014

From :
Member Secretary,
West Bengal Pollution Control Board



To: The Project Director-In-Charge, 'Bonhooghly Tenement Scheme',
M/s. Refugee Relief & Rehabilitation Department,
Government of West Bengal, Writers Building, Kolkata-700 001.

Sub: Consent to Establish (NOC) from Environmental Point of View

Ref: i. Your letter No. Nil Dated 27.10.2014
ii. EC issued by SEIAA, WB vide no. 2579/EN/T-II-1/011/2014 dtd. 16.10.2014

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s. Refugee Relief & Rehabilitation Department, construction of residential complex 'Bonhooghly Tenement Scheme' for manufacturing/storage installation having total built up area - 2,58,262.96 Sq.m. holding no.4 (old-1290) premises no.561, Bonhooghly arable Land, at Baranagar Municipality, Ward No.13 (old-31/29), ps-Baranagar, Kolkata-35 this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

Mukherjee
02/11/14
Sr. Environmental Engineer
WB Pollution Control Board
Dept. of Environment, Govt

NOCNO124869

7. You shall comply with
- Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
 - Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
 - Environment (Protection) Act, 1986
 - Environment (Protection) Rules, 1986
 - Hazardous Wastes (Management and Handling) Rules, 1989, and Amended Rules, 2000
 - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
 - Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
 - The Public Liability Insurance Act, 1991 and Amended Act, 1992
 - The Public Liability Insurance Rules, 1991 and Amended Rules 1993
 - Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
 - Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
 - Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION :

Gross capital investment for the proposed project:Rs.400Crore
Please refer to annexure attached herewith.

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

M. Mukherjee 07.11.2014
Member Secretary, / SR, ENV. EN
West Bengal Pollution Control Board
Sr. Environmental Engineer
(EIM) CEL
WB Pollution Control Board
Dept. of Environment, GoWB

Memo No. 372-2N-18/2007(E) dt. 07.11.2014
Copy forwarded for information to :

- Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
 - Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
 - Guard file, West Bengal Pollution Control Board.
 - Environmental Engineer, I/II/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board
- | | | | |
|--|--|--|--|
| Himalaya Bhawan
Delhi Road, Dankuni
Dist. Hooghly | Vill, Panpur
Kalyani Expressway
P.O. Narayanpur
Dist. 24 Pgs. (N) | Sahid Khudiram Sarani
City Centre, Durgapur-16
Dist. Burdwan | 10, Camac Street
2nd Floor
Kolkata-700 017 |
| Paribesh Bhawan
10A, LA-Block, Sector-III
Salt Lake City,
Kolkata - 700 098 | Block-05 at 40
Flats Complex
Adjacent to Priyambada
Housing Estate
P.O. : Khanjanchak,
P.S. Durgachak
Haldia-721602
Dist. : Purba Medinipur | Paribahan Nagar
Matigara, Siliguri
Dist.-Darjeeling | |
| Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101 | Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station
G.T. Road, Asansol-713 301 | | |

M. Mukherjee 07.11.2014
Member Secretary, / SR, E.
West Bengal Pollution Control Board
Sr. Environmental Engineer
(EIM) CEL
WB Pollution Control Board
Dept. of Environment, GoWB

Special Conditions issued to M/s. Refugee Relief & Rehabilitation Department, Govt. of West Bengal- "Bonhooghly Tenement Scheme" at premises no-561, Bonhooghly arable land, P.S-Baranagar, Baranagar Municipality Ward no 15 (Old-31/29), holding no-4(old-1290),Kolkata-700 035.

pg 1 of 2

A) **Emission:-**

DG Sets - 4x 500 KVA & 2x125 KVA.

Stacks -

- i. Each DG sets to be provided with acoustic enclosures and residential silencer with individual stacks of adequate ht. above the roof of DG building.
- ii. Stacks to have sampling port, platform and ladder as per the Emission Regulation Part - III of CPCB.
- iii. Emission standards, Fuel specification and Stack height should comply with the prescribed limits under the notification of Ministry of Environment & Forest, Govt. of India, G.S.R. 489(E) [09.07.2002] and subsequent amendments.

B) **Effluent:-**

Domestic - waste water shall be treated in adequately designed 4 nos. of STP. Treated waste water shall be partly reused for landscaping, car washing etc. and partly discharged to Baranagar municipal drain finally leading to bagjola canal. Discharge of treated waste water shall conform E(P) rules. Sewage Treatment Plants should be monitored on a regular basis and records should be maintained properly.

- C) **Solid Waste :-** to be collected and disposed off regularly as per the Municipal Solid Wastes (Management and Handling) Rules, 2000. Concerned municipality should have valid Municipal Solid Waste authorization from the WBPCB as per Municipal Solid Wastes (Management and Handling) Rules, 2000. Project proponent shall install in-house mechanical compost plant to treat bio-degradable fraction of MSW.

D) **General:-**

1. The Project Proponent shall have to obtain prior concurrence from the concerned municipality for ensuring supply of water, partial discharge of treated sewage and disposal of solid wastes.
2. D.G. Set noise level should not exceed the permissible limit. The Project Proponent should ensure that the ambient noise level is maintained within permissible limits during the construction phase.
3. The proponent should strictly comply with the standards / guidelines for control of noise from stationery Diesel generator sets. These standards and guidelines are prescribed under the notifications of Ministry of Environment & Forest, Govt. of India, G.S.R. 371(E) [17.05.2002], G.S.R. 489(E) [09.07.2002] and subsequent amendments.
4. The proponent should obtain necessary clearance for DG Sets from the Directorate of Electricity before applying for Consent-to-Operate.
5. The following activities are restricted during the night time (10 pm to 6 am), if there is any significant human settlement in the vicinity:
 - a) Piling work.
 - b) Operation of Ready Mix Plant, if installed and Vibrator.
 - c) Loading and unloading of construction materials.
6. Adequate measures are to be taken to reduce vibration during piling work.
7. Water sprinkling arrangement should be ensured at every loading and unloading point to prevent spreading of dust. Rubbish, debris, broken materials and others must be kept properly within project area at suitable place with proper water sprinkling to prevent fugitive dust spreading.
8. Provision of drinking water, wastewater disposal and solid waste management should be ensured for labour camps. Proper sanitation facilities should be provided for construction workers to ensure environmental sanitation. Health and safety of the workers should be ensured during construction.
9. The project proponent should take necessary care not to cause any inconvenience to the residents of surrounding neighbourhood. Regular supervision should be in place all through the construction phase so as to avoid disturbance to the surroundings.
10. The Project Proponent will ensure that no accumulation of any kind of water occurs within the project area to prevent breeding of various disease spreading vectors.

M. Mukherjee
07/11/2014
Sd/-
Joint Secretary (Environment)
West Bengal Pollution Control Board
Dept. of Environment & Culture

Special Conditions issued to M/s. Refugee Relief & Rehabilitation Department, Govt. of West Bengal- "Bonhooghly Tenement Scheme" at premises no-561, Bonhooghly arable land, P.S-Baranagar, Baranagar Municipality Ward no 15 (Old-31/29), holding no-4(old-1290),Kolkata-700 035.

11. Necessary dust barrier should be provided during construction phase. Before taking up the construction work it is preferable to enclose the area with some enclosure.
12. Appropriate arrangement is to be done for rainwater harvesting within the site. The proponent must practice rainwater harvesting on regular basis.
13. Ground water should not be abstracted without prior permission of the Competent Authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.
14. Provision of screen wall should be made surrounding the batching plant, if installed for control of fugitive emission from such operation.
15. Fly Ash is to be used for construction as per Notification No. S.O. 763(E) dated 14.09.1999 amended vide Notification No. S.O. 979(E) dated 27.8.2003 and S.O. 2804(E) dated 03.11.2009 of the Ministry of Environment & Forests, Govt. of India.
16. The proponent should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. No trees can be felled without prior permission from the Tree Cutting Authority constituted as per the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules. Adequate green belt is to be developed within the project site. **The proponent should plant atleast 1050 trees as proposed in addition to the existing trees.**
17. Proper steps are to be taken so that the flora and fauna are not affected during the construction phase.
18. Adequate firefighting system should be provided as per Rules.
19. Adequate parking space should be provided within the project site as per Rules.
20. Road design should be done with due consideration for environment and safety of users. The entry and exit points should be designed properly without disturbing the existing traffic.
21. Use of energy efficient construction materials should be ensured. Water efficient devices / fixtures should be installed. Energy efficient systems should be installed.
22. Adequate provision shall be made for storage of solid waste and adequate means of access shall be provided. Vats / bins should be provided inside the project area from where the wastes are to be disposed off by arrangement with the local body.
23. The proponent shall undertake awareness programmes for the residents to promote water and energy conservation and to ensure environmental protection.
24. No expansion of the project should be undertaken without prior permission of the State Board.
25. The unit should not start operation without obtaining 'Consent to Operate' from this Board.
26. The proponent should maintain a display board at the site, providing detailed information on the salient features of the proposed project.
27. The proponent should abide by the Direction issued by the Department of Environment, Government of West Bengal, vide No. EN/3170/T-IV-7/001/2009 dated 10.12.2009 (**Annexure II**).
28. The proponent should strictly abide by the conditions stipulated in the Environmental Clearance accorded by the State Environment Impact Assessment Authority (SEIAA), West Bengal, vide No. 2579/EN/T-II-1/011/2014 dated 16.10.2014.
29. This NOC is valid up to **31.10.2019** for construction of residential complex having 2412 flats comprising of 25 blocks of G+15 storied, 50 blocks of G+3 storied, 2 community halls along with car parking facilities for 1633 nos car (covered-880,open-753). The total built up area of the proposed project **-2,58,262.96 sq m.**

M. M. M.
07/11/2014

Member Secretary
West Bengal Pollution Control Board

Sr. Environmental Engineer
WB Pollution Control Board
Dept. of Environment, Govt. of West Bengal



Department of Environment
Government of West Bengal
Writers' Buildings, "G" Block, (2nd. Floor),
Kolkata-700 001.

No. EN/3170/T-IV-7/001/2009

Dated: December 10th, 2009.

D I R E C T I O N

WHEREAS, Department of Environment, Govt. of West Bengal is entrusted to look after the execution of the different environmental laws within the territorial jurisdiction of West Bengal and also responsible for maintaining pollution free environment and also responsible for restraining different environment hazardous activities which are causing serious impact on human beings, other living creatures, plant, micro-organism, property or the environment ;

AND WHEREAS, Department of Environment has already taken different steps for controlling air pollution in the atmosphere generated from the different sources i.e. industrial source, vehicular source and burning of bio-mass;

AND WHEREAS, Department of Environment in exercising the power conferred under section 19 of the Air (Prevention & Control of Pollution) Act, 1981, has already declared entire West Bengal as 'Air Pollution Control Area';

AND WHEREAS, West Bengal Pollution Control Board conducted a study with the help of the Asian Development Bank and it is revealed that the contribution of the construction activities is one of the source of air pollution in Kolkata and its surroundings ;

AND WHEREAS, it is further revealed that burning of old tyres in hot mix plant as a fuel during construction and repairs of road for melting coal tar contributes significant obnoxious element into the air which cause a serious problem of the human beings ;

HENCE, in view of the above and in consultation with the West Bengal Pollution Control Board and in exercise of the power conferred under Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986, all the municipalities, local authorities and all other concerned Govt. Departments within the state of West Bengal, are now directed to take immediate steps to implement the following norms which need to be strictly followed by the developers, contractors or any other infrastructure developers ;

- Preventive measures need to be taken: -
 - a) Wrap construction area/buildings with geotextile fabric, installing dust barriers, or other actions, as appropriate for the location,
 - b) Apply water and maintain soils in a visible damp or crusted condition for temporary stabilization,
 - c) Apply water prior to levelling or any other earth moving activity to keep the soil moist throughout the process;
 - d) Limit vehicle speeds to 15 mph on the work site.
 - e) Clean wheels and undercarriage of haul trucks prior to leaving construction site.
 - f) Apply and maintain dust suppressant on haul routes.
 - g) Apply a cover or screen to stockpiles and stabilize stockpiles at completion of activity by water and maintain a dust palliative to all outer surfaces of the stockpiles;
 - h) Stabilize surface soils where loaders, support equipment and vehicles will operate by using water and maintain surface soils in a stabilized condition where loaders, support equipment and vehicles will operate;
 - i) Stabilize adjacent disturbed soils following paving activities with immediate landscaping activity or installation of vegetative or rock cover.
 - j) Maintain dust control during working hours and clean track out from paved surfaces at the end of the work shift/day. Track out must now extend 50 feet or more and must be cleaned daily, at the minimum.
 - k) Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slope,
 - l) Disposal of debris in consultation with the local authorities following proper environmental management practice.
 - m) During construction work, including cutting of marbles, ambient noise level should not exceed more than 65 dB(A).

• Practices to be discarded: -

- a) Don't dispose of debris indiscriminately,
- b) Don't allow the vehicles to run at high speed within the work site.
- c) Don't cut materials without proper dust control/noise control facility.
- d) Don't keep materials without effective cover.
- e) Don't allow access in the work area except workers to limit soil disturbance and prevent access by fencing, ditches, vegetation, berms or other suitable barrier.
- f) Don't leave the soil, sand and cement stack uncovered.
- g) Don't keep materials or debris on the roads or pavements.
- h) Burning of old tyres in hot mix plant as a fuel during construction and repair of the roads for melting coal tar should be discarded ;

NOW THEREFORE, it is made clear that any developers, contractors or infrastructure developers either Govt. or Private failed to comply with the aforementioned statutory norms, Department of Environment and West Bengal Pollution Control Board will take necessary action under Air (Prevention & Control of pollution) Act, 1981 and Environment (Protection) Act, 1986 which may lead to stoppage and prohibition of the work including closure and other legal action as warranted under the law including imposition of the 'Pollution Cost'.

It is further directed that all Municipal Corporations, Municipalities and Panchayats should also be at liberty to take necessary action against the violators under the Municipal Laws and Panchayat Law.

But it is made clear that Local Authorities i.e. Municipal Corporations, Municipalities and Panchayats are responsible to implement the aforementioned guidelines meticulously for the purpose of curbing air pollution and other environmental hazards of their respective jurisdiction.

Local Police Station is also directed to render all necessary help to the Local Authorities to implement the aforementioned direction in a befitting manner.

This order will take effect from 01-01-2010 through out the State of West Bengal.

By Order

Sd/-

(M. L. Meena)

Principal Secretary to the Govt. of West Bengal,
Department of Environment.

No. EN/3170/T-IV-7/001/2009

Dated: December 10th, 2009.

Copy forwarded to :

- 1) The Principal Secretary to the Govt. of West Bengal, Urban Development Department.
- 2) The Director General of Police, Govt. of West Bengal, Writers' Buildings, Kolkata-700001.
- 3) The Secretary to the Govt. of West Bengal, Municipal Affairs Department.
- 4) The Commissioner of Police, Kolkata.
- 5) The Member-Secretary, West Bengal Pollution Control Board.
- 6) The District Magistrate, District, with a request to advise his good office to circulate this direction to all SDOs., BDOs., for necessary action.
- 7) The Commissioner, Corporation.
- 8) The Executive Officer, Municipality.
- 9) The Secretary, Zilla Parishads, with a request for circulate this direction through his good office to the Panchayat Samity and Gram Panchayat for implementation.
- 10) The P.S. to Principal Secretary to the Govt. of West Bengal, Department of Environment.
- 11) The P.S. to MFC, Environment Department, Govt. of West Bengal.

Sd/-

Chief Law Officer,
Department of Environment.