CONSENT ORDER FOR ESTABLISHMENT

Order No : Kr-688/APPB/ZO-VJA/CFE/RED/2019- Dt : 22.08.2019


Ref: 1. Industry's CFE application received at RO, Vijayawada on 13.08.2019 through OCMMS.
2. RO’s inspection report received at ZO, Vijayawada on 17.08.2019.
3. CFE Committee meeting held on 21.08.2019.

***

I. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to carry out mining of Black Granite with installed capacities as mentioned below, with a project cost of Rs. 56.0 Lakhs.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Extent in Ha.</th>
<th>Name of Activity</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.624 Ha</td>
<td>Mining of Black Granite</td>
<td>37,600 m3/ Annum</td>
</tr>
</tbody>
</table>

II. As per the application, the above activity is to be located at Sy. No. 31/3C (P), 32/1A (P) & 32/2A1 (P), Anumanchipalli Village, Jaggaihpeta Mandal, Krishna District.

III. The co-ordinates of the mine area as follows:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>16°56'12.13768&quot;N</td>
<td>80°04'13.12913&quot;E</td>
</tr>
<tr>
<td>2.</td>
<td>16°56'09.14334&quot;N</td>
<td>80°04'17.42198&quot;E</td>
</tr>
<tr>
<td>3.</td>
<td>16°56'06.69758&quot;N</td>
<td>80°04'16.55788&quot;E</td>
</tr>
<tr>
<td>4.</td>
<td>16°56'07.82763&quot;N</td>
<td>80°04'15.37231&quot;E</td>
</tr>
<tr>
<td>5.</td>
<td>16°56'08.76361&quot;N</td>
<td>80°04'14.83635&quot;E</td>
</tr>
<tr>
<td>6.</td>
<td>16°56'09.16946&quot;N</td>
<td>80°04'11.16655&quot;E</td>
</tr>
</tbody>
</table>

IV. The above site was inspected by the Assistant Environmental Engineer, A.P.Pollution Control Board, Regional Office, Vijayawada on 16.08.2019 and observed that the site is surrounded by

North : Vacant land
South : Vacant land followed by NH (Vijayawada to Hyderabad) at a distance of 60 mts.
East : Vacant land
West : Donka road
V. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT** to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to carry out the activity mentioned at para (1) only.**

VI. This Consent order issued is subject to the conditions mentioned in the Annexure.

VII. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

VIII. **This order is valid for period of 7 years from the date of issue.**

Encl: Schedule ‘A’ & Schedule ‘B’

N V Bhaskara Rao

Digitally signed by N V Bhaskara Rao
Date: 2019.08.17 16:32:41 +05'30'

JOINT CHIEF ENVIRONMENTAL ENGINEER

To
Sri Ponguluri Venkata Ravi,
(Black Granite mine of M/s. Sri Ponguluri Venkata Ravi),
Plot No:45, Nava Nirman Nagar,
Road No.71, Jubli Hills,
Hyderabad-500 033
Telangana State.

E-mail: ponguluriravi@gmail.com

Copy to the EE, RO, Vijayawada for information and necessary action.
SCHEDULE - A

1. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board. (Only for red category.)

2. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.

3. The industry shall display online data outside the main factory gate on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and solid waste generated within the factory premises, as per Hon’ble Supreme Court order.

4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.

5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.

6. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.

7. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent of the Board. The Industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21/22 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE - B

Water:

1) The source of water is Borewell and the maximum permitted water consumption is as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Water Consumption (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Water drilling operation</td>
<td>4.3 KLD</td>
</tr>
<tr>
<td>2</td>
<td>Water sprinkling on haulage roads</td>
<td>2.5 KLD</td>
</tr>
<tr>
<td>3</td>
<td>Development of greenbelt</td>
<td>0.7 KLD</td>
</tr>
<tr>
<td>4</td>
<td>Domestic</td>
<td>2.4 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>9.9 KLD</strong></td>
</tr>
</tbody>
</table>
2) The maximum Waste Water Generation (KLD) shall not exceed the following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Wastewater Generation (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong> 2.0</td>
</tr>
</tbody>
</table>

Effluent Source | Standards to be complied | Mode of final disposal
--- | --- | ---
Domestic | ---- | Septic tank followed by soak pit.

3) The industry shall provide digital flow meter with totaliser facility for measuring the water used for dust suppression measures and maintain log registers.

Air:

4) The industry shall comply with the following for controlling air pollution.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Source</th>
<th>Capacity</th>
<th>Control Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>------</td>
</tr>
</tbody>
</table>

5) The industry shall take necessary measures for control of air pollution which would be generated during excavation and transportation of the mined material as committed in the EMP/approved mine plan.

6) The industry shall comply with ambient air quality standards of PM$_{10}$ (Particulate Matter size less than 10µm) - 100 µg/m$^3$; PM$_{2.5}$ (Particulate Matter size less than 2.5 µm) - 60 µg/m$^3$; SO$_2$ - 80 µg/m$^3$; NOx - 80 µg/m$^3$, at the periphery of the mining unit.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels:
- Day time (6 AM to 10 PM) - 75 dB (A)
- Night time (10 PM to 6 AM) - 70 dB (A)

7) Fugitive dust emissions from all the sources should be controlled regularly. The industry shall provide water sprinklers on haul roads, loading and unloading and at transfer points for dust suppressions.

Solid Waste:

8) The industry shall comply with the following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Solid Waste generated from</th>
<th>Total Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mine rejects &amp; over burden</td>
<td>1,30,733.60 m$^3$/ for 1st 5 years</td>
<td>Shall be used for land fill within the premises / store in the earmarked area as per the approved mining plan.</td>
</tr>
</tbody>
</table>
9) The industry shall collect solid waste i.e. overburden (top soil and rock waste) properly. The topsoil shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose. The rock waste shall be dumped in the place earmarked within the quarry lease area and the industry shall not dump the overburden outside the quarry lease area, under any circumstances.

Special Conditions:

10) The industry shall comply with the conditions of EC order dated 06.08.2019.

11) The industry shall submit a drawing to the scale showing garland drain, siltation pond, overburden dump yard, retention wall of the dump and 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area by 30.09.2019.

12) The industry shall provide garland drain and siltation ponds of appropriate size for the working pit to arrest the flow of silt and sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development etc.,

13) The industry shall adopt the following measures to control erosion of dumps:
   - Retention / toe walls shall be provided at the foot of the dumps.
   - Worked out slopes are to be stabilized by planting appropriate shrub / grass species on the slopes.

14) The industry shall adopt the following measures to control noise pollution:
   - Proper and regular maintenance of vehicles and other equipment.
   - Limiting time exposure of workers to excessive noise.
   - The workers employed shall be provided with protection equipment and earmuffs etc.
   - Speed of trucks entering or leaving the quarry is to be limited to moderate speed of 25 Kmph to prevent undue noise from trucks.

15) The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
   a. Daily production details.
   b. Log Books for pollution control systems.
   c. Solid waste generated and disposed.
   d. Inspection book.

16) The industry shall scrupulously comply with conditions stipulated by the SEIAA in the Environmental Clearance order dated 06.08.2019.

17) The industry shall provide CC road / BT road from mine to approach road so as to avoid fugitive dust emissions from movement of vehicles.

18) The industry shall develop 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area. In any case, the minimum greenbelt shall be 33% of the total area.

19) The industry shall not increase the lease area and / or shall not increase the production capacity. In the event of any increase in lease area and or production, the industry should obtain prior environmental clearance.
20) The industry shall not cause ground water pollution in and around the industry premises.

21) Mining activity shall be carried out as per approved Mining plan.

22) The industry shall control fugitive emissions generated during drilling the holes.

23) The industry shall establish one Ambient Air Quality monitoring station and monitor the critical parameters maintained in Schedule - 'B' as per CPCB guidelines and shall submit monthly reports to Regional Office, Vijayawada and Zonal Office, Vijayawada regularly.

24) The industry shall submit a compliance report on CFE order conditions for every 6 months as on 1st January and 1st July of every year at Regional Office, Vijayawada and Zonal Office, Vijayawada.

25) The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE / CFO of the Board.

26) The industry shall comply with all the directions issued by the Board from time to time.

27) The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

28) Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

29) The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.

30) This Order is issued without prejudice to the rights and contentions of this Board in any court of law.

N V Bhaskara Rao
Digitally signed by N V Bhaskara Rao
Date: 2019.08.17 16:33:38 +05‘30’

JOINT CHIEF ENVIRONMENTAL ENGINEER