CONSENT ORDER FOR ESTABLISHMENT

Order No. KNL-288/PCB/ZO-KNL/CFE/2019

Dt. 28.09.2019


Ref: 1. CFE (Expansion) application received through Single Desk system on 15.09.2019
3. CFE Committee meeting held at ZO, Kurnool on 27.09.2019

1) In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for Expansion order to carry out mining of the following minerals with installed capacities as mentioned below, with an additional project cost of Rs.150.0 Lakhs.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Products and By-products</th>
<th>Existing capacities as per CFO order dt. 03.2016</th>
<th>Proposed additional capacity for expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mining of Iron Ore</td>
<td>1,00,000 TPA</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mining of Steatite</td>
<td>4,500 TPA</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Utilization of Iron ore (inferior grade)</td>
<td>--</td>
<td>2,68,704 Tons</td>
</tr>
</tbody>
</table>

2) As per the application, the above activity is to be carried out in the existing premises of the mine located at Sy.No.865, Veldurthy (V&M), Kurnool District in an area of 33.02 Ha.

3) The above site was inspected by Environmental Engineer, APPCB, Regional Office, Kurnool on 21.09.2019 and found that it is surrounded by:
   - North: Hillock followed by Veldurthy -ramillakota road.
   - South: Dry Agricultural lands
   - East: Dry Agricultural lands
   - West: Dry Agricultural lands

4) The Board, after careful scrutiny of the application and verification report of Regional Office, Kurnool hereby issues CONSENT FOR ESTABLISHMENT(CFE) to your mine under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to carryout mining of the minerals mentioned at para (1) only.

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

6) This consent order is valid for a period of 7 years from the date of issue.

K Venkateswara Rao

JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL


To
M/s Brahmeswara Steatite & Iron Ore Mine
(Mine lease area – 33.02 Ha)
C/o G. Venkata Rami Reddy
D.No.7-175, Gowri Peta, Bethamcherla,
Kurnool – 518 599.

Copy to the Environmental Engineer, Regional Office, Kurnool for information.
SCHEDULE – A

1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Section 25/26 of Water (P & C of P) Act, 1974 and under Sec 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trail runs.

SCHEDULE – B

Water:

1. The source of water is Borewell and the maximum permitted water consumption shall not exceed the following quantities.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dust suppression</td>
<td>20 KLD</td>
<td>13.0 KLD</td>
<td>33.0KLD</td>
</tr>
<tr>
<td>2</td>
<td>Greenbelt</td>
<td>10 KLD</td>
<td></td>
<td>10.0KLD</td>
</tr>
<tr>
<td>3</td>
<td>Domestic</td>
<td>2.0 KLD</td>
<td>2.0 KLD</td>
<td>4.0 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>32.0 KLD</strong></td>
<td><strong>15.0 KLD</strong></td>
<td><strong>47.0KLD</strong></td>
</tr>
</tbody>
</table>

2. The maximum waste water generation (KLD) shall not exceed the following:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Source</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Domestic</td>
<td>2.0 KLD</td>
<td>2.0 KLD</td>
<td>4.0 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>2.0 KLD</strong></td>
<td><strong>2.0 KLD</strong></td>
<td><strong>4.0 KLD</strong></td>
</tr>
</tbody>
</table>

Air:

3. The Air pollution control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Details of Stack</th>
<th>Existing</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Attached to:</td>
<td>D.G set</td>
</tr>
<tr>
<td>b)</td>
<td>Capacity of Boiler/ Furnace / Kiln/ Incinerator / D.G.Set/ Others</td>
<td>365 KVA</td>
</tr>
<tr>
<td>c)</td>
<td>Fuel form: Solid / Liquid/ gaseous</td>
<td>HSD</td>
</tr>
<tr>
<td>d)</td>
<td>Fuel quantity: (L/LK per day)</td>
<td>About 200 Ltrs/annum</td>
</tr>
<tr>
<td>e)</td>
<td>Stack height:</td>
<td>---</td>
</tr>
<tr>
<td>i)</td>
<td>Above the roof level</td>
<td>About 4.5 mtrs</td>
</tr>
<tr>
<td>ii)</td>
<td>Above the ground level</td>
<td>---</td>
</tr>
<tr>
<td>g)</td>
<td>Details of Air Pollution Control Equipment:</td>
<td>Silencer with acoustic enclosures</td>
</tr>
</tbody>
</table>

4. The project authority shall carry out semi-mechanized open cast mining only. The blocks shall be separated from mother rock by using compressor, excavator, jack hammer drilling etc., The separated blocks shall be dressed manually. The project authority shall adopt wet drilling method, wire saw cutting method to control dust emissions.

5. Fugitive dust emissions from all the sources should be controlled regularly. The project authority shall provide water spraying arrangement on haul roads, loading and unloading and at transfer points for dust suppressions.

6. The project authority shall implement the following measures to reduce the air pollution during the transportation of the mineral.
   - Roads shall be graded to mitigate the dust emissions.
   - Overfilling of tippers and consequent spillage on the roads shall be avoided. The trucks shall be covered with tarpaulin.
   - Water shall be sprinkled at regular interval on the main haul road and other service roads to suppress the dust.

Sold waste:

7. The project authority shall not dump the overburden, top soil etc., generated during the mining operations outside the quarry lease area under any circumstances.

8. The project authority shall adopt and maintain the following measures to control erosion of dumps:
   - Retention/toe walls at the foot of the dumps.
   - Stabilization of worked out slopes by planting appropriate shrub / grass species on the slopes.
   - Garland drain around the dump for diversion of storm water. The Garland drain shall be routed through siltation pond of adequate size.
Other conditions:

9. No change in mining technology and scope of working should be made without prior approval from the Board. No further expansion or modification in the mine shall be carried out without prior approval from the Board.

10. The project authority shall develop greenbelt along the boundary of the mine lease area with tall growing trees with native species.

11. 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.

12. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec. 21 (4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alterations as deemed fit and stipulate any additional conditions for the purpose of the Act by the Board.

13. 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 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 such authority (herein after referred to as the 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.

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