CONSENT ORDER FOR ESTABLISHMENT

Order No.CTR- 1552/PCB/ZO-KNL/CFE/2019  Dt.19.08.2019

Sub: PCB-ZO-KNL-CFE - Sri. K.P.Rakhi, (1.0 Ha Black Granite mine), Sy.No. 468, Gorivimakulapalli (V), Ramakuppam (M), Chittoor District, Andhra Pradesh. – Consent for Establishment (CFE) Order of the Board under Sec.25 of Water (Prevention & Control of Pollution) Act, 1974 and under Sec.21 of Air (Prevention & Control of Pollution) Act, 1981 - Order- Issued - Reg.

Ref: 1. CFE application received through OCMMS on 28.07.2019
3. CFE Committee meeting held at ZO, Kurnool on 17.08.2019

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1) In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to carryout mining activity of the following mineral with installed capacity as mentioned below, with a total project cost of Rs.55.0 Lakhs

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Activity</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mining of Black granite ( Mine lease area – 1.0 Ha)</td>
<td>375 m³/annum</td>
</tr>
</tbody>
</table>

2) As per the application, the above mining activity is to be carried out at Sy.No. 468, Gorivimakulapalli (V), Ramakuppam (M), Chittoor District, Andhra Pradesh in the mine lease area of 1.0 Ha.

3) The above site was inspected by Environmental Engineer, APPCB, Regional Office, Tirupati on 01.08.2019 and found that it is surrounded by:

- North: Dry lands
- South: Dry lands
- East: Dry lands
- West: Dry lands

4) The Board, after careful scrutiny of the application and verification report of Regional Office, 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 mineral 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.

7) This Consent Order issued is subject to the conditions mentioned in the annexure.


JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

K Venkateswara Rao

Digitally signed by K Venkateswara Rao
Date: 2019.08.19
20:21:38 +05'30'

To
Sri K.P.Rakhi,
(Mine Lease Area – 1.0 Ha.),
Nayanipalli, Rajupet Post,
Santhipuram, Chittoor Dist – 517 423.
pthrimoorthy.tsg@rediffmail.com

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

1. The project authority 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 mining operations.

SCHEDULE – B

1. The project authority shall provide GI sheets of 20 ft height along the boundary towards the nearest human habitation i.e. Gorivimakulapalli (V) which is at a distance of 0.38 Kms to control dust emissions.

Water:

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

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Quantity (In KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dust suppression</td>
<td>5.0</td>
</tr>
<tr>
<td>2</td>
<td>Development of greenbelt</td>
<td>1.0</td>
</tr>
<tr>
<td>3</td>
<td>Domestic Purpose</td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>6.5</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Wastewater generation</th>
<th>Total (In KLD)</th>
<th>Mode of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic</td>
<td>0.2</td>
<td>Septic tank followed by soak pit</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>0.2</strong></td>
<td></td>
</tr>
</tbody>
</table>

Air:

4. The project authority shall carry out semi-mechanized open cast mining only.
5. The project authority shall adopt wet drilling method to control dust emissions.
6. There shall not be any blasting in the mining operations as there is a village nearer to the mine lease area.
7. 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.
8. 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:

9. The Solid wastes generated shall not exceed the following breakup quantities:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Solid Waste generation</th>
<th>Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Over burden soil (Top soil &amp; rock waste)</td>
<td>16,785 m3 for 5Years</td>
<td>Shall be dumped in the Zone separately reserved for dumping along South part of the quarry lease area.</td>
</tr>
</tbody>
</table>

10. The project authority shall not dump the overburden, top soil etc., generated during the mining operations outside the mine lease area under any circumstances.
11. The project authority shall provide 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.
12. Wherever top soil exists during mining operation shall be removed and stacked separately so as to utilize for restoration or rehabilitation of the land

Other conditions:

13. 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.
14. The project authority shall develop greenbelt along the boundary of the mine lease area with tall growing trees with native species.
15. 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.
16. 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 alternation as deemed fit and stipulate any additional conditions for the purpose of the Act by the Board.

17. 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.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

To
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