CONSENT ORDER

Order No.CTR-117/APPCB/ZO-KNL/CFO/2019 Date: 20.08.2019

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and the rules and orders made there under (hereinafter referred to as ‘the Acts’, ‘the Rules’) to:

M/s. Tirumala Granites, (6.10 Ha Black Granite Mine), Comp No.217 & 218 of Veerasettipalli, B. Reserve Forest, Chittoor District. (hereinafter referred to as ‘the Applicant’) authorizing to operate the industrial plant, to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Domestic</td>
<td>0.3 KLD</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

This order is subject to the provisions of the Acts and orders made thereunder and further subject to the terms and conditions incorporated in the Schedule A and B enclosed to this order.

This consent order is valid to carryout mining activity of the following products along with quantities only.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Products</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mining of Black granite (Mine lease area – 6.10 Ha)</td>
<td>400 Cum.Mtrs/Month</td>
</tr>
</tbody>
</table>

This consent shall be valid for a period ending with the 14.02.2023.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

Digitally signed by K Venkateswara Rao
Date: 2019.08.20 14:43:35 +05'30''

Encl: Schedules A & B
To
M/s. Tirumala Granites, (Mine Lease Area – 6.10 Ha), Shed No.3, Industrial Estate, Chittoor.

Copy to the Environmental Engineer, APPCB, Regional Office, Tirupati for information and with a direction to ensure compliance of the Schedule –B conditions especially time bound conditions and refer to Task Force in case of non compliance.
SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.

2. The industry shall 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.

3. Not withstanding 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.

4. 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.

5. The applicant shall make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules 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 & HW Authorization 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.

6. 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 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 project authority shall take steps to reduce water consumption to the extent possible and consumption shall not exceed the quantities mentioned below

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dust suppression</td>
<td>2.0 KLD</td>
</tr>
<tr>
<td>2</td>
<td>Green belt</td>
<td>0.8 KLD</td>
</tr>
<tr>
<td>3</td>
<td>Domestic</td>
<td>1.2 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total:</strong></td>
<td><strong>4.0 KLD</strong></td>
</tr>
</tbody>
</table>

Air:

2. The project authority should comply with the National ambient air quality standards as per MoEF, GOI notification dated. 18.11.2009 outside the mine lease area at the boundary of the mine, as prescribed below.

<table>
<thead>
<tr>
<th>S.No</th>
<th>Parameters</th>
<th>Standards in µg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Particulate Matter(PM10)</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Particulate Matter (PM2.5)</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>SO2</td>
<td>80</td>
</tr>
<tr>
<td>4</td>
<td>NO2</td>
<td>80</td>
</tr>
</tbody>
</table>

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A).
3. The project authority shall carry out semi-mechanized open cast mining only. The blocks shall be separated from mother rock by using jack hammer drilling and wedge cutting by wire saw. The separated blocks shall be dressed manually. The project authority shall adopt wet drilling method.

4. The project authority shall deploy water tanker exclusively for water sprinkling in the mine haulage roads for dust suppression.

5. 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.

Solid Waste:

6. The project authority shall dispose solid waste (Non Hazardous) as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Solid waste</th>
<th>Quantity</th>
<th>Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Over burden (Top soil &amp; rock waste)</td>
<td>76,490 m³/year</td>
<td>Shall be dumped in their dump yard</td>
</tr>
</tbody>
</table>

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

8. Wherever top soil exists during mining operation shall be removed and staked separately so as to utilize for restoration or rehabilitation of the land.

9. The project authority shall provide 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.

General:

10. The project authority shall develop greenbelt along the mine lease area with tall growing trees with wide leaf area in this monsoon.

11. The project authority shall submit the compliance report on the Consent for Operation (CFO) conditions for every six months i.e. on 1st January and 1st July of the year to Regional Office, Tirupati on regular basis.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

Digitally signed by K Venkateswara Rao
Date: 2019.08.20 14:43:52 +05’30’

To
M/s. Tirumala Granites,
(Mine Lease Area – 6.10 Ha),
Shed No.3, Industrial Estate,
Chittoor.