ANDHRA PRADESH POLLUTION CONTROL BOARD

Agenda

Date : 21.08.2019

CFE Agenda Item No. 3

1. Name of Industry and Location : Sri Ponguluri Venkata Ravi - Survey No. 31/3C (P), 32/1A (P) & 32/2A1 (P), Anumanchipalli Village, Jaggaiyapeta Mandal, Krishna District, Andhra Pradesh, Anumanchipalli,Krishna-521175

2. i. Proposal For : CFE
ii. Inspection Conducted by : Sri P. Venkata Ravi
iii. Representative of Industry : Sri P. Venkata Ravi
iv. Date of Inspection : 16/08/2019

4. Land Details :
   i. Total area of the land(Ha) : 1.624 Ha.
   ii. Built up area(Ha) :
   iii. Area of Green belt proposed by the industry(Ha) :
   iv. Nearest Human habitation : Anumanchipalli (V) is at a distance of 100 mts. from the proposed site.
   v. Nearby water body : Name of the Water body | Distance from site
      Vacant land | 
      Vacant land followed by NH (Vijayawada to Hyderabad) at a distance of 60 mts. |
      Vacant land | 
      Donka road |

6. Project Cost in Rs :
   i. Land : Rs. 56 Lakhs
   ii. Building :
   iii. Plant and Machinery :

7. Category Of Industry : RED

8. Line Of Activity : Mining of black granite,

9. Products :
   S.N o. | Name of the Products | Proposed Capacity | Unit
       | Black Granite Mine | 37600 | 
   9. Raw material and chemicals : used
<table>
<thead>
<tr>
<th>S.N o.</th>
<th>Name of the Raw material and Chemicals</th>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Black Granite Mine</td>
<td>NA</td>
<td>kg/day</td>
</tr>
</tbody>
</table>

10 Source of water supply: BORE WELL

### Water consumption:

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Quantity(KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process</td>
<td>4.3</td>
</tr>
<tr>
<td>Greenbelt</td>
<td>0.7</td>
</tr>
<tr>
<td>Domestic</td>
<td>2.4</td>
</tr>
</tbody>
</table>

2.5

### Waste Water Generation KLD:

### Treatment & Disposal:

<table>
<thead>
<tr>
<th>Source of Effluent</th>
<th>Treatment Units</th>
<th>Mode of Final Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Emissions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Emissions from Fuel burning</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stack Name</th>
<th>Capacity</th>
<th>Control Equipment</th>
<th>Height Above Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG</td>
<td>62.5KVA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12 Solid Waste:

<table>
<thead>
<tr>
<th>Solid Waste generated from</th>
<th>Quantity (KG/DAY)</th>
<th>Hazardous as defined under HWM Rules 1989</th>
<th>Treatment</th>
<th>Method of Disposal</th>
</tr>
</thead>
</table>

13 Solvent Recovery Systems:

14 Specific recommendations on the issue of consent under Water (P & CP) Act, 1974 as amended and Air (P & CP) Act, 1981 as amended:

15 Status of Compliance of CFO Conditions (In case of change of product mix, expansion):

<table>
<thead>
<tr>
<th>CFO Conditions</th>
<th>Compliance</th>
</tr>
</thead>
</table>

16 Court Cases/complaints, if any:

17 EC Status:

1. EC order no.SEIAA/AP/KRI/MIN/05/2019/1004-672, Dt.06.08.2019.

18 Remarks on EIA/EMP:

19 Other Information:


Inspector Officer's Remarks:

1. The proposal of M/s. Sri Ponguluri Venkata Ravi, Sy.No:31/3C (P), 32/1A (P) & 32/2A1 (P), Anumanchipalli (V), Jaggaiahpet (M), Krishna District is for establishment of mining project for mining of black granite with total project cost of Rs.56 Lakhs.

2. The project proponent obtained EC from SEIAA vide order dated 06.08.2019 for mining of black granite 37600 m3/Annum in 1.624 Ha.

3. The proponent submitted compliance report of the EC conditions and same is enclosed.

4. The proponent applied for CFE of the Board duly paying requisite CFE fee of Rs.5,600/- against the total project cost of Rs.56 Lakhs under Red-Haz. category.

5. The proposed mining activity would be an open cast semi mechanized mine by adopting wire saw cutting machinery for extracting the dimensional stones. The development of benches in the sheet rock would be maintained as per the norms. Separation of blocks from the mother rock would be carried out by drilling, wedge cutting followed by secondary splitting, dressing of blocks.

6. The total fresh water consumption would be at 9.9 KLD for dressing of blocks, greenbelt and domestic consumption. Wastewater generates from washing section shall be routed to treatment system before using on land for greenbelt development and for dust mitigation. Domestic wastewater shall be disposed into septic tank followed by soak pit.

7. The project proponent shall maintain stipulated setback distance of 7.5 mts. buffer zone all around the mine lease area for greenbelt development.

8. The project proponent shall adopt wet drilling and wire saw cutting to control dust emissions on to the surroundings.

9. The project proponent shall not resort exclusive blasting, as the proposed mining site is in close proximity to Anumanchipalli village habitation, which is at a distance of 100 mts. only.

10. The project proponent shall take the following measures:
   i. Top soil management: Excavated top soil during mining operations shall be removed and stacked separately. This top soil should be utilized for restoration and re-habitation of the land, which is no longer required for mining operations or for stabilizing or landscaping external dumps.
   ii. Over burden: The over burden, waste rock / rejects and fines shall be stored in separate dumps preferably on impervious grounds. This over burden shall be utilized for back filling into the mine excavations so as to restore the land to its original use as far as possible. If back filling is not feasible, the waste dump shall be suitably terraced and stabilized through vegetation. These dumps shall be maintained with proper angle of repose to ensure stability.

11. Greenbelt shall be developed in compliance with the stipulated norm of 33% of the total area.

The issue of CFE to the project proponent may be considered duly stipulating necessary conditions.
EE Recommendations.
The issue of CFE to M/s. Sri Ponguluri Venkata Ravi, Sy.No:31/3C (P), 32/1A (P) & 32/2A1 (P), Anumanchipalli (V), Jaggaiahpet (M), Krishna District may be considered duly stipulated necessary conditions.

CFE application along with enclosures is herewith forwarded for taking necessary action.

This is submitted for kind information and necessary action.

Yours faithfully

ENVIRONMENTAL ENGINEER
(Name and Designation)

EE Recommendations.
The issue of CFE to M/s. Sri Ponguluri Venkata Ravi, Sy.No:31/3C (P), 32/1A (P) & 32/2A1 (P), Anumanchipalli (V), Jaggaiahpet (M), Krishna District may be considered duly stipulated necessary conditions.

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N V BHASKARA RAO
JCEE
(Name and Designation)