I. M/s. Keelapattu Gravel & Road Metal and Building Stone Mine, (4.0 Ha), Sy.No. 49 (New Sy.No.112), Keelapattu (V), Nagari (M), Chittoor District, Andhra Pradesh. Keelapattu has applied for CFE of the Board to carryout mining of Gravel - 17,930 TPA & Road Metal and Building Stone Mine - 17,955 TPA in 4.0 Ha.

II. The EE, RO, Tirupati vide ir.dt.29.08.2019 submitted the CFE verification report. The details of the proposal as per the above report are given below:

1. E.C. Status : SEIAA/AP/CTR/MIN/04/2019/950, Dt: 06.08.2019
2. Applied through : OCMMS
3. Date of Receipt of the CFE application at RO : 18.08.2019
4. Date of RO Inspection : 27.08.2019
5. Date of Receipt of consent verification report at ZO : 30.08.2019
6. Project cost : Rs. 20.00 Lakhs
7. Fee Details ; Amount: Rs.3,200/- APOCMMS Receipt No: 896808984 Date : 18.08.2019.
8. Area details :
   i) Total area : 4.0 Ha
   ii) Built up area : ---
   iii) Greenbelt : ---
   iv) Nearest human habitation : The nearest habitation is viz., Keelapattu (V) is existing at a distance of about 3.0 Kms.
   v) Nearest water body : No water body exists within 500 mtr radius
9. Surroundings :
   North : Dry Lands
   South : Dry Lands
   East : Dry Lands
   West : Dry Lands
10. Products / activity :
    Sl. No.    Name of the Products    Mine Lease Area    Proposed capacity
            Mining of Road Metal    4.0 Ha    17,955 TPA
            Mining of Gravel      17,930 TPA
11. Source of Water : Bore Well
12. Water Consumption :
    S.No.    Purpose                      Quantity
            a) For Dust suppression    6.0 KLD
            b) For Domestic Purpose    2.0 KLD
            c) For Greenbelt development    2.0 KLD
    Total                                   10.0 KLD
13. Waste water generation :
    S.No.    Source                        Quantity
            a) Domestic                          1.5 KLD
    Total                                           1.5 KLD
14. Treatment & disposal of ETP :
    Source of Effluent    Treatment proposed    Mode of final disposal
            Domestic                          -    Septic tank followed by Soak pit
15. Air pollution sources & Control equipment : Nil
16. Fugitive emissions:
    Details of Fugitive Emissions: Dust emissions during excavation & transportation.
    Mitigation measures: The unit has proposed to implement the following measures to control the dust emissions during the mining activity.
    a) Water sprinkling for suppression of dust on the haulage roads.
    b) Workers will be suitable head gear and noise reducing protective gear like cotton mufflers etc., to protect them against noise generated by compressors, drilling machinery.
c) Machinery will be maintained properly for minimizing the noise.

d) Use of sharp drill bits for drilling holes.

e) Regular grading of haul roads and service roads to clear accumulation of loose material.

17. **Solid / Hazardous waste generation:**

<table>
<thead>
<tr>
<th>Source of Solid Waste</th>
<th>Proposed Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil</td>
<td>2,200 Tons / 5 Years</td>
<td>As per the Mining plan the waste generated during mining is proposed to be used in laying of new roads, strengthening of existing roads. Remaining waste will be dumped in dump yard for further use.</td>
</tr>
</tbody>
</table>

18. **Inspection Officer Remarks:**

a. M/s. Keelapattu Gravel & Road Metal and Building Stone Mine has proposed to carryout Road Metal & Gravel at Sy.No. 49 (New Sy.No.112), Keelapattu (V), Nagari (M), Chittoor District, Andhra Pradesh over an extent of 4.0 Ha. and has applied for Consent for Establishment of the Board for Road Metal – 17,955 TPA & Gravel – 17,930 TPA over an extent of 4.0 Ha.

b. The unit has obtained Environmental Clearance from SEIAA, Andhra Pradesh vide Order dated: 06.08.2019 for Mining of Road Metal – 17,955 TPA and Gravel – 17,930 TPA over an extent of 4.0 Ha. Vide reference 1st cited above.

c. Subsequently, M/s. Keelapattu Gravel & Road Metal and Building Stone Mine has applied for CFE through APOCMMS on 18.08.2019 and paid Rs.4000/- APOCMMS Receipt No: 54255291 Date : 14.08.2019 under Red-Haz category.

d. The proposed method of mining will be Open cast semi-mechanized mine working of quarrying by using Excavator, Rock Breaker, Tippers, Tractors-4 Nos, Tractor mounted compressors-2 Nos, Jack Hammers-2 Nos, Water tankers, Pick-up/jeep. The proposed life of the mine is 13.91 years.

e. Water will be required for dust suppression within quarry lease area and along approach road, greenbelt development and for domestic purpose, and the mining activity requires 10.0 KLD, which will be met from bore-well. The industry generates domestic waste water of 1.5 KLD and is proposed to be disposed into septic tank followed by soak pit.

f. Topsoil of 2,200 Tons / 5 Years is expected to be generated. As per the Mining plan the waste generated during mining is proposed to be used in laying of new roads, strengthening of existing roads. Remaining waste will be dumped in dump yard for further use.

g. The industry proposed to construct garland drains, retaining wall and siltation pond 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.,

h. The major sources of air pollution are dust emissions during drilling, excavation & transportation. The details of pollution control measures proposed by the industry are reported above at Sl.No.13 (iii).

19. **RO’s Remarks:**

The issue of CFE to the mining activity may be examined.

20. **ZO’s Remarks:**

The attached inspection report forwarded by the EE, RO, Tirupati may be reviewed.

The issue is placed before the CFE Committee for review and recommendations.