CONSENT ORDER FOR ESTABLISHMENT

Order No.P-642/APPCCB/ZO-VJA/CFE/RED/2019- Date : 22.08.2019


Ref:
1. The Director of Mines & Geology vide proceedings Dt.28.06.2007 granted 1st Renewal in favour of M/s. Pearl Minerals Private Limited.
2. The Director of Mines & Geology vide proceedings Dt.07.01.2001 issued transfer of quarry lease from M/s. Pearl Minerals Private Limited to M/s. SAS Minerals and Mines Pvt. Ltd.
3. The Asst. Director of Mines & Geology, Ongole vide Lr.Dt.10.01.2011 issued work order to M/s. SAS Minerals and Mines Pvt. Ltd.
4. The Mines & Geology Department vide proceedings No. 1041971/R3-2/2018, Dt.28.05.2018 determined the quarry lease.
5. Government of Andhra Pradesh vide Memo No. 6500/M.I(1)/2018-3, Dt.22.02.2019 revived the quarry lease.
6. Industry’s CFE application received at Regional Office, Ongole on 31.07.2019 through APOCMMS.
7. RO’s inspection report received at ZO, Vijayawada on 14.08.2019.
8. CFE Committee meeting held at ZO, Vijayawada on 21.08.2019

1. M/s. SAS Minerals and Mines Pvt. Ltd. (4.0 Ha.) submitted an application to the Board vide reference 6th cited seeking Consent for Establishment (CFE) to carryout semi mechanized open cast mining to excavate the following product with installed capacities as mentioned below, with a proposed project cost of Rs. 80,00,000/- (Rupees Eighty Lakhs only).

<table>
<thead>
<tr>
<th>Activity</th>
<th>Extent</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining of Black Galaxy Granite</td>
<td>4.0 Ha.</td>
<td>33959 m³ / annum</td>
</tr>
</tbody>
</table>

2. As per the application, the above activity is to be located at Sy.No. 92/2P, 3 & 4 of Budawada (V), Chimakurthy (M), Prakasam District in an area of 4.0 Ha.

3. The above site was inspected by the Environmental Engineer & Assistant Environmental Engineer-II, A.P Pollution Control Board, Regional Office, Ongole on 03.08.2019 and observed that the site is surrounded by East : Open land; West : Hill; North : Open land & South : M/s. Archean Granites.
4. The Board, after careful scrutiny of the application, verification report of Regional Officer, Ongole and recommendation by the CFE Committee meeting held on 21.08.2019 at APPCB, Zonal Office, Vijayawada hereby issues CONSENT FOR ESTABLISHMENT to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to carry out the activity mentioned at para (1) only.

5. This Consent order issued is subject to the conditions mentioned in the Annexure.

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

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

Encl: Schedules “A & B”.

To

M/s. SAS Minerals and Mines Pvt. Ltd. (4.0 Ha.),
C/o. Sri Gadia Anshuman,
D.No. 302, Bannerghatta Road,
Agram, Bangalore – 560 007.
Email: appleexports2011@gmail.com

Copy to Environmental Engineer, APPCB, Regional Office, Ongole for information and necessary action.
SCHEDULE – A

1. Progress on implementation of the project shall be reported to the concerned Regional Office, A.P. Pollution Control Board once in six months.

2. Separate energy meters shall be provided for water consumption and air pollution control equipments to record energy consumed.

3. The proponent shall obtain Consents for Operation from APPCB, as required under sec. 25/26 of the Water (P&C of P) Act, 1974 and under sec.21/22 of the Air (P&C of P) Act, 1981 and its Amendments thereof before commencement of the activity, including trial production.

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

5. The Consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspection officers of different departments.

6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.


8. If the proponent is aggrieved by this order made by A.P. Pollution Control Board under Sec. 25 of Water (Prevention & Control of Pollution) Act’ 1974 and Sec. 21 of Air (Prevention & Control of Pollution) Act’ 1981 he may within 30 days from the date on receipt of the order prefer an appeal before concerned Authority.

SCHEDULE – B

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

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Quantity (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dust suppression</td>
<td>1.0</td>
</tr>
<tr>
<td>2.</td>
<td>Greenbelt development</td>
<td>1.0</td>
</tr>
<tr>
<td>3.</td>
<td>Domestic</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>3.0</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>Quantity (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Domestic</td>
<td>0.5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>0.5</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SNo.</th>
<th>Wastewater generation</th>
<th>Mode of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Domestic : 0.5 KLD</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

Air:

3. The proponent shall provide dust suppression measures like water spraying arrangements on haul roads, loading & unloading areas and material handing areas.

4. The mining activity shall not exceed the following Ambient Air Quality standards measured at the periphery of activity – SO\(_2\) – 80 µg/m\(^3\), NO\(_x\) – 80 µg/m\(^3\), PM\(_{2.5}\) – 60 µg/m\(^3\), PM\(_{10}\) – 100µg/m\(^3\).

Noise levels: Day time (6 AM to 10 PM) - 75 dB(A)
               Night time (10 PM to 6 AM) - 70 dB(A).
5. The air pollution control equipment like water sprinklers shall be installed along with the commissioning of the activity.

6. The proponent shall establish one AAQ monitoring station at the periphery of the mine area in the wind prone direction and submit the analysis reports to APPCB regularly.

7. The mining activity shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.

8. The mining activity shall take appropriate measures to ensure that the ground level concentrations shall comply with revised National Ambient Quality Norms notified by MoE&F, GoI on 16.11.2009.

Solid 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>Proposed quantity</th>
<th>Hazardous / as defined under HWM Rules, 2016</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Waste granite rocks</td>
<td>71684.33 m³ / annum</td>
<td>Non Hazardous</td>
<td>Shall be disposed to dump in the dump yard earmarked in the S-W corner of the mine lease area.</td>
</tr>
<tr>
<td>2.</td>
<td>Waste oil from DG set and industrial operations</td>
<td>10 LPA</td>
<td>Hazardous</td>
<td>Shall be disposed to authorized recyclers.</td>
</tr>
</tbody>
</table>

10. The mining unit shall not increase the lease area against the grant of mine lease.

11. The mining unit shall not enhance the production capacity beyond the permitted quantities as per mining lease and as per the approved mine plan.

12. The mining unit shall take all the environment pollution prevention measures and shall operate as per the mining plan only.

13. The mining unit shall obtain EC at the time of renewal of mine lease or at the time of enhancement/increase in the production capacities or as per the requirement of law that requires EC at any time.

14. The proponent shall develop greenbelt wherever possible in buffer zone area. Greenbelt development shall be started along with the construction activity.

15. The mining shall be carried out as per the approved mine plan.

16. The proponent shall store the mine rejects and overburden within the earmarked mine lease area as per the approved mine plan.

17. The proponent shall adopt fugitive dust control measures such as water sprinkling near loading areas, on haul roads etc.

18. The proponent shall utilize the top soil for green belt development.

19. The proponent shall control the Noise levels to acceptable limits (CPCB standards) during excavation in the mining area.

20. The proponent shall develop greenbelt with tall growing trees all along the boundary.

21. The fugitive emissions from all sources shall be controlled regularly.

22. The proponent shall take necessary measures for control of air pollution which would be generated during excavation and transportation of the mined material as committed in the EMP / approved mine plan.

23. The proponent shall not operate the mine without obtaining CFO of the Board.
24. The proponent shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

25. 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.

26. The order is issued without prejudice to the rights and contentions of this Board in any court of law.

27. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.

N V Bhaskara Rao

JOINT CHIEF ENVIRONMENTAL ENGINEER