CONSENT ORDER FOR ESTABLISHMENT
Order No.6388-KKD/PCB/ZO-VSP/CFE/2019- \hspace{1cm} Date:10.07.2019


Ref: 1. EC Order No. SEIAA/AP/EG/MIN/03/2019/867-333, Dt.31.05.2019.
2. Industry’s CFE application received on 24.06.2019 at APPCB, Regional Office, Kakinada.
3. APPCB, Regional Office, Kakinada, verification report received by Zonal Office on 27.06.2019.
4. CFE Committee meeting held on 09.07.2019 at APPCB, Zonal Office, Visakhapatnam.

*   *   *

1. M/s. Bharath Clays Pvt. Ltd., submitted an application to the Board vide ref. 2nd 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. 10,00,000/- (Rupees ten lakhs only).

<table>
<thead>
<tr>
<th>Activity</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining of China clay (over an extent of 2.023 Ha)</td>
<td>7236 TPA</td>
</tr>
</tbody>
</table>

2. As per the application, the above activity is to be located R.Sy.No.102/3 & 102/4P, Settisamudram Village, Jaggamepta Mandal, East Godavari District in an area of 2.023 Ha.

3. The above site was inspected by the Environmental Engineer & Assistant Environmental Engineer, A.P Pollution Control Board, Regional Office, Kakinada on 25.06.2019 and observed that the site is surrounded by East: Approach road followed by Barren lands; West: Barren Lands; North: Poultry Farm & South: Barren Lands.

4. The Board, after careful scrutiny of the application, verification report of Regional Officer, Kakinada and recommendation by the CFE Committee meeting held on 09.07.2019 at APPCB, Zonal Office, Visakhapatnam, 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
2.023 Ha China clay Mine of Bharath Clays Pvt. Ltd.,
R.Sy.No.102/3 & 102/4P, Settisamudram Village,
Jaggamepta Mandal, East Godavari District
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 alternation 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 Bore well and the maximum permitted water consumption shall not exceed the following quantities.

<table>
<thead>
<tr>
<th>SNo.</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Water sprinkling on haul roads</td>
<td>1.0 KLD</td>
</tr>
<tr>
<td>2.</td>
<td>Greenbelt</td>
<td>0.5 KLD</td>
</tr>
<tr>
<td>3.</td>
<td>Domestic</td>
<td>1.5 KLD</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>3.0 KLD</td>
</tr>
</tbody>
</table>

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

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
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<td>1.0 KLD</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>1.0 KLD</td>
</tr>
</tbody>
</table>

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.

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>Over burden</td>
<td>1040 m³/year</td>
<td>Non – Hazardous</td>
<td>Shall be disposed in earmarked area for overburden within the quarry lease area as per the approved mine plan.</td>
</tr>
</tbody>
</table>

10. The proponent shall scrupulously comply with conditions stipulated by the SEIAA, MoEF&CC, AP, GoI, Vijayawada in the Environmental Clearance order dated: 31.05.2019.

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

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

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

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

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

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

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

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

19. 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.

20. The proponent shall not operate the mine without obtaining CFO of the Board.

21. 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.

22. 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.

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

24. 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