RED CATEGORY

CONSENT ORDER


CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and orders made there under (hereinafter referred to as 'the Acts') to:

Sand Mine of Department of Mines & Geology, GoAP, Gollakandukuru Sand Reach (3.804 Ha.) in Penna River Bed, Gollakandukuru (V), Nellore Rural (M), SPSR Nellore District.
Email : admgnlr1@gmail.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the Mining Unit to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

(i) Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge (KL/day)</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(ii) Emissions from chimneys:

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Description of Chimney</th>
<th>Quantity of Emissions at peak flow (m$^3$/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This consent order is valid for mining of the following products along with quantities indicated only:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Product</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Extraction of Sand (Open excavation)</td>
<td>38042 cu.m./annum</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 & B enclosed to this order.

This order of Consent shall be valid for a period ending with the 18.03.2020.

N V Bhaskara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER

To
The Assistant Director of Mines & Geology,
H.No.26-06-222, Chaitanyapuri,
Block No.262, Gandhinagar Road,
Vedayapalem, Nellore -524 004.
Email : admgnlr1@gmail.com

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

1. Any up-set condition in any activity of the Mining Unit, which may result in, increased 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 Mining Unit should carry out analysis of air emissions for the parameters mentioned in this order on quarterly basis and submit to the Board.

3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.

4. 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.

5. The Mining Unit shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

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 21/22 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 Pollution:

1) The source of water is bore well. The following is the permitted water consumption:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Water Consumption (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>0.2</td>
</tr>
</tbody>
</table>

Air Pollution:

2) The proponent shall comply with the following for controlling air pollution.

<table>
<thead>
<tr>
<th>Details of Fugitive Emissions:</th>
<th>Dust control measures</th>
<th>Standards to be complied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Handling and Transportation</td>
<td>Covering the transport vehicles with Tarpaulin sheets and sprinkling the water at mining area.</td>
<td>$SO_2$ – 80 µg/m$^3$, $NO_x$ – 80 µg/m$^3$, $PM_{2.5}$ – 60 µg/m$^3$, $PM_{10}$ – 100 µg/m$^3$</td>
</tr>
</tbody>
</table>

3) The industry shall adopt fugitive dust control measures such as water sprinkling near loading areas, on haulage roads etc.

4) The industry shall carry out the mining as per the approved mining plan.

5) The industry shall comply with the conditions stipulated in the EC Order Dt.20.03.2016.


7) The fugitive emissions from all sources shall be controlled regularly.

8) The industry 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.

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9) The SPM, SO2, NOx, CO levels in the mining area shall conform to CPCB standards for ambient air.
   Noise levels shall be controlled to acceptable limits (CPCB standards) during excavation in the mining area.

10) The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.

11) The industry shall establish one Ambient Air Quality monitoring station and monitor the critical parameters maintained in Schedule - ‘B’ as per CPCB guidelines and shall submit monthly reports to Regional Office and Zonal Office regularly.

12) The industry shall submit a compliance report on CFO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.

**Special Conditions:**

13) The depth of the sand mining shall not exceed 1 M and mining shall be carried out in the area where the thickness of the sand in the mining area shall be more than 3 M.

14) The proponent shall take necessary measures to ensure that no adverse impacts are caused due to mining operations on the human habitation existing nearby.

15) The proponent shall comply with all the directions issued by the Board from time to time.

16) 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.

17) 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.

18) This Order is issued without prejudice to the rights and contentions of this Board in any court of law.

N V Bhaskara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER