AGENDA ITEM FOR THE CONSENT FOR OPERATION COMMITTEE
MEETING TO BE HELD ON 31.07.2019
AT A.P. POLLUTION CONTROL BOARD, ZONAL OFFICE, KURNOOL.

CFO Agenda
Item No. 3
M/s. Seven Hills Enterprises (Unit-II), Sy.No: 1 (Part), PV Puram village, Sathayavedu Mandal, Chittoor District, Andhra Pradesh

I. M/s. Seven Hills Enterprises (Unit-II), Sy.No: 1 (Part), PV Puram village, Sathayavedu Mandal, Chittoor District, Andhra Pradesh has obtained CFO of the Board vide order dt. 17.11.2015 with a validity period up to 30.09.2020 and obtained CFE for Expansion of the Board on 05.07.2019. Now the crusher has applied for Expansion of CFO of the Board.

II. The details of the industry as reported by the RO, Tirupati through inspection report dated 27.07.2019 are as follows:

1) Applied through OCMMS

| Date of Commissioning | October, 2011 (Existing) |
| Date of Receipt of the CFO application at RO | 19.07.2019 |
| Date of RO Inspection | 25.07.2019 |
| Date of Receipt of consent verification report at ZO | .07.2019 |

Consent status
CFO validity period up to 30.09.2020. Now the crusher has applied for Expansion of CFO of the Board.

Total Project Cost
Rs. 1.27 Crores (Existing)
Rs. 30.0 Lakhs (Expansion)

Category of the industry
Orange category as per new CPCB categorization issued on 29.02.2016

Fee Details:
Earlier, Industry has paid an amount of Rs.39,000/- (Rs.1000/- through APOCMMS receipt No. 781721464, Dt.16.06.2019 + Rs.38,000/- through DD No.961444, Dt.17.06.2019) for direct CFO Expansion of the Board. Subsequently, the industry vide Lr Dt.21.06.2019 informed that they have applied for CFO expansion directly by ignorance and the application was returned back at the request of the proponent. Subsequently the industry has applied for CFE expansion on 21.06.2019 and obtained the same vide order Dt.05.07.2019 for production capacity 3560 TPD.

Now, the industry has applied for CFO Existing and expansion products & capacities and requested the Board to adjust the amount paid along with APOCMMS application Dt.16.06.2019. Total amount available with the Board is Rs.39,000/- . CFO fee for one year period on the investment of Rs. 1.57 Crores (i.e Existing Rs. 1.27 Crores + Expansion Rs. 0.30 Crores) for one year is Rs.4,000/-.(CFO fee for a period of 9 years is Rs.4,000 x 9 years = Rs. 36,000/- + excess amount of Rs.3,000/- is available with the Board and the same will be adjusted at the time of next renewal.) Hence issuance of CFO (Existing + expansion) to the unit for a period of 9 years may be considered up to 30.06.2028.

2) Details of Raw Materials:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Raw Materials</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stone boulders</td>
<td>4000 TPD</td>
</tr>
</tbody>
</table>

3) Details of Products:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Products and By-products</th>
<th>Consented capacity as per CFO Dt. 17.11.2015</th>
<th>Consented capacity as per CFE Exp Order Dt.05.07.2019</th>
<th>Applied as per APOCMMS CFO application</th>
<th>Total capacity after Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Road Metal</td>
<td>140 MTD</td>
<td>3560 MTD</td>
<td>3700 TPD</td>
<td>3700 TPD</td>
</tr>
</tbody>
</table>

4) Details of Water Consumption: Bore-well

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Consented capacity as per CFO Dt. 17.11.2015</th>
<th>Consented capacity as per CFE Exp Order Dt.05.07.2019</th>
<th>Applied as per APOCMMS CFO application</th>
<th>Total capacity after expansion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust suppression</td>
<td>6.0 KLD</td>
<td>3.0 KLD</td>
<td>9.0 KLD</td>
<td>9.0 KLD</td>
</tr>
<tr>
<td>Domestic</td>
<td>2.0 KLD</td>
<td>1.0 KLD</td>
<td>3.0 KLD</td>
<td>3.0 KLD</td>
</tr>
<tr>
<td>Total</td>
<td>8.0 KLD</td>
<td>4.0 KLD</td>
<td>12.0 KLD</td>
<td>12.0 KLD</td>
</tr>
</tbody>
</table>
5) Waste Water Details:

<table>
<thead>
<tr>
<th>Source</th>
<th>Consented quantity as per existing CFO order Dt. 17.11.2015</th>
<th>Consented capacity as per CFE Exp. Order- Dt. 05.07.2019</th>
<th>Applied as per APOCMMS application</th>
<th>Total capacity after expansion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>1.5 KLD</td>
<td>0.5 KLD</td>
<td>2.0 KLD</td>
<td>2.0 KLD</td>
</tr>
<tr>
<td>Total</td>
<td>1.5 KLD</td>
<td>0.5 KLD</td>
<td>2.0 KLD</td>
<td>2.0 KLD</td>
</tr>
</tbody>
</table>

6) Treatment facilities:

<table>
<thead>
<tr>
<th>Source</th>
<th>Treatment facility</th>
<th>Mode of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic effluents</td>
<td></td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

7) Air Pollution:

<table>
<thead>
<tr>
<th>Source of Pollution</th>
<th>Control equipment provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone crushing &amp;</td>
<td>Complete cladding to the screen, water sprinklers for wetting of raw material &amp; dust</td>
</tr>
<tr>
<td>Crushing operations</td>
<td></td>
</tr>
</tbody>
</table>

8) Solid Waste details: Nil

9) Compliance status of conditions stipulated in CFE (Schedule-B) Expansion CFE order No.CTR-495/PCB/ZO-KNL/CFE/2019-, Dt.05.07.2019

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Conditions</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>The Source of water is bore well and the maximum permitted water consumption is as follows:</td>
<td>Industry has applied for Existing water consumption 8.0 KLD obtained vide order Dt.17.11.2015 &amp; Expansion water consumption 4.0 KLD vide order Dt.05.07.2019 i.e, total 12.0 KLD.</td>
</tr>
<tr>
<td>S. No</td>
<td>Purpose</td>
<td>Existing</td>
</tr>
<tr>
<td>-------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>1</td>
<td>Industrial Cooling</td>
<td>6.0 KLD</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>2.0 KLD</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>8.0 KLD</td>
</tr>
<tr>
<td>2</td>
<td>The maximum waste water generation shall not exceed the following:</td>
<td>Industry has applied for Existing waste water generation 1.5 KLD obtained vide order Dt.17.11.2015 &amp; Expansion waste water generation 0.5 KLD vide order Dt.05.07.2019 i.e, total 2.0 KLD.</td>
</tr>
<tr>
<td>S. No</td>
<td>Purpose</td>
<td>Existing</td>
</tr>
<tr>
<td>-------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>1</td>
<td>Domestic</td>
<td>1.5 KLD</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>1.5 KLD</td>
</tr>
<tr>
<td>3</td>
<td>Treatment &amp; Disposal of effluents:</td>
<td>Industry is disposing domestic effluents into septic tank followed by soak pit</td>
</tr>
<tr>
<td>Effluent Source</td>
<td>Mode of final disposal</td>
<td></td>
</tr>
<tr>
<td>Domestic</td>
<td>Septic tank followed by soak pit</td>
<td></td>
</tr>
</tbody>
</table>

Air:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Conditions</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>The crusher shall implement the following pollution control measures to comply with the SPM standard of 600 µg/m3 measured at a distance of 3 – 10 mtrs from any processing equipment of stone crusher.</td>
<td>a) Provided cladding to primary crusher, vibrators and provided cladding to the conveyor belts.</td>
</tr>
<tr>
<td>a) Dust containment cum suppression system for the equipment such as cladding to the Primary crusher, vibratory screens – I &amp; II, Bag filters to the secondary crusher and cladding to the dust conveyor belts.</td>
<td>b) Industry has provided silo of capacity 20 tons for collection of dust from the dust conveyor.</td>
<td></td>
</tr>
<tr>
<td>b) Maintain closed shed for collection of dust from the dust conveyor.</td>
<td>c) Water sprinklers are provided at primary crusher, conveyor belts and dust generating points.</td>
<td></td>
</tr>
<tr>
<td>c) Water sprinklers at all dust generation sources. The water shall be sprayed in the form of mist with the help of a motor.</td>
<td>d) Complied.</td>
<td></td>
</tr>
<tr>
<td>d) Regular cleaning and wetting of the ground within the premises.</td>
<td>e) The unit has developed green belt of about 5000 Trees.</td>
<td></td>
</tr>
<tr>
<td>e) Development of 5 m width of green belt along the boundary of the site in the 50 m width buffer zone of the stone crushing unit. This greenbelt shall be developed on outer side of the buffer zone so as to act as a barrier.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Solid waste (Expansion):
The industry shall comply with the following.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Solid Waste</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stone dust</td>
<td>290 TPD</td>
<td>Shall be used of laying roads.</td>
</tr>
</tbody>
</table>

The proponent of the industry informed that they are selling stone dust to outside parties.

Other Conditions:

6 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 attracts action under the provisions of relevant pollution control Acts. --

7 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserved to it the right and power under section 27 (2) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 (4) of the Air (Prevention & Control of Pollution) Act, 1981 to review any or all the conditions imposed herein above and to make such alternation as deemed fit and stipulate any additional conditions or revoke the order in the interest of environment protection. --

8 Any person aggrieved with this order 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 the 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. --

Inspecting Officer’s Remarks:

a. M/s. Seven Hills Enterprises (Unit-II), Sy.No: 1 (Part), PV Puram village, Sathayavedu Mandal, Chittoor District, Andhra Pradesh has obtained CFO of the Board vide order dt: 17.11.2015 for manufacture of Road Metal– 140 MT/Day by using stone boulders as Raw material which is valid up to 30.09.2020.

b. Industry has applied for CFO Expansion and paid an amount of Rs.39,000/- (Rs.1000/- through APOCMMS receipt No. 781721464, Dt.16.06.2019 + Rs.38,000/- through DD No.961444, Dt.17.06.2019) on 16.06.2019 without obtaining CFE expansion of the Board & the industry vide Lr Dt.21.06.2019 informed that they have applied for CFO expansion directly by ignorance and the application was withdrawn back at the request of the proponent.

c. Subsequently the industry has applied for CFE expansion on 21.06.2019 and obtained the CFE expansion vide order Dt.05.07.2019 for production capacity 3560 TPD.

d. Now, the industry has applied for CFE Existing & expansion products & capacities and requested the Board to adjust the amount paid along with APOCMMS application Dt.16.06.2019. Total amount available with the Board is Rs.39,000/- . CFO fee for one year period on the investment of Rs. 1.57 Crores (i.e Existing Rs. 1.27 Crores + Expansion Rs. 0.30 Crores) for one year is Rs.4,000/- . (CFO fee for a period of 9 years is Rs.4,000 x 9 years = Rs. 36,000/- + excess amount of Rs.3,000/- is available with the Board and the same will be adjusted at the time of next renewal.) Hence issuance of CFO (Existing + expansion) to the unit for a period of 9 years may be considered up to 30.09.2028.

e. During inspection, it was observed that, the stone crusher is carrying out maintenance works.

f. Regarding Water pollution, Water is used for raw material wetting, dust suppression and domestic purpose only i.e., 12.0 KLD for the proposed and expansion. The unit has provide water sprinklers on the roads to avoid the dust nuisance in the surround area.
The stone crushing unit has provided septic tank followed by soak pit for treating domestic waste water. Industry is using water for water sprinkling system and domestic purpose only.

g. Regarding Air pollution, the industry has provided dust collection tank to collect dust, G.I Sheet cladding to screen and crusher to control fugitive to control dust.

h. The industry has provided water sprinkling system at raw material transfer point and also conveyors carrying dust in order to prevent the dust pollution. The unit has also provided cladding to the crusher & Screen in order to control air pollution.

i. The unit has developed green belt of about 5000 Trees. However, the industry representative informed that they will develop more greenbelt in the coming monsoon season.

11) Recommendations of Environmental Engineer:
   As per the Board’s Circular No.5/APPCB/CFE/Committee/HO/2013 Dt.14.08.2018. The powers were delegated to Zonal Office for clearing the stone crushing projects.
   In view of the above, the issuance of CFO Expansion of the Board to the Stone crushing unit may be considered up to 30.09.2028

12) Zonal Office Remarks:
   The attached inspection report forwarded by the EE, RO, Tirupati may be reviewed.
   The issue is placed before the CFO Committee for review and recommendations.