

EC Compliance report by Regional Officer, MoEF&CC, Nagpur



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FORESTS
& CLIMATE CHANGE

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F.No:5-23/2003(ENV)/ 760

Date: 10/08/2016

To,

Scientist 'E'
IA Division (Industry-II)
Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhawan,
Aliganj, Jorbagh Road,
New Delhi-110003

Sub: Expansion of distillery capacity from 35 KLPD to 65 KLPD -reg.

Ref:

1. MoEF&CC letter F.No. J-11011/249/2013-IA II(I) dated 08.05.2015
2. MoEF letter F.No. J-11011/68/2002-IA II(I) dated 14.05.2003

Sir,

I am directed to invite your kind attention on the above subject and letters under reference. Monitoring report of compliance to conditions stipulated in Environment Clearance accorded for expansion of distillery unit from 22.5 KLD to 35 KLD of M/s. Brihan Maharashtra Sugar Syndicate Limited (currently known as M/s. Brima Sagar Maharashtra Distilleries Limited) at Shreepur in Solapur district is enclosed herewith. Following observations were made during the site inspection:

Following condition was not complied:

Specific Condition no.III

As per the production figures distillery has been operated more than 270 days.

Following conditions were partially complied:

Specific Condition no.V

Ground water quality is being monitored only at 2 locations.

The ground water level and quality monitoring should be done monthly throughout the year at 6 to 7 different locations in and around plant premises. In this, additionally at 4 to 5 strategic locations in the industrial premises, including the compost yard, spent wash storage tank, press mud and compost storage location, etc appropriate network of

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Piezometers stations should be established with continuous data logger system for continuous measurements. Soil quality needs to be monitored at 4-5 locations near by the compost yard also covering agricultural fields where the compost is applied.

General Condition no.III

Ambient air quality is being monitored at one location. PA has been told to increase the ambient air quality monitoring locations. Air quality monitoring shall also include the fugitive emissions monitoring at areas such as bagasse storage yard, compost yard, etc. The frequency of monitoring shall be at least once in a month.

General Condition no.VI

Following measures need to be implemented:

- i) Fugitive emissions monitoring at raw material, bagasse, press mud, compost yards
- ii) Noise levels shall be monitored regularly.
- iii) Ground water level and quality shall be monitored near composting yard, spent wash lagoon by establishing piezometers network with data logger facility.
- iv) Analysis of compost Leachate needs to be carried out regularly.

General Condition no.VIII

PA did not submit the detailed six monthly compliance reports with point wise compliance of conditions stipulated in the Environmental Clearance. Only summary of the compliance along with monitoring reports were submitted.

General Condition no.IX

Advertisement regarding the grant of EC was published on 30.05.2003, 01.06.2003 & 02.06.2003, however the clause of seven days not followed.

This issues with the approval of Competent Authority.

A. Suresh Kumar
10/08/16
Suresh Kumar Adapa
Scientist 'D'

Encl: as above

Copy to:

1. Director RO HQ, Ministry of Environment, Forest & Climate Change, Government of India, 1st Floor Agni Wing, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi-110 003
2. Director (Monitoring Cell), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Aliganj, Jorbagh Road, New Delhi-110003
3. General Manager, M/s. Brima Sagar Maharashtra Distilleries Limited, Post: Shreepur, Taluka: Malshiras, District: Solapur, Maharashtra-413112

A. Suresh Kumar
10/08/16
Suresh Kumar Adapa
Scientist 'D'

Compliance by Project Proponent

Sr. No.	Condition	Compliance
1	<p>Specific Condition no. III</p> <p>As per the production figures distillery has been operated more than 270 days</p>	<p>The industry has operated less than 270 days. However, due to A grade quality of molasses available in the region the yield per ton of molasses was around 280 liters per ton of molasses as against normal average of 260 liters per ton of molasses. Due to this, the average daily production increased which was reflected in no. of days of operation. This fact was explained to the Regional Officer during the visit.</p>
2	<p>Specific Condition No. V</p> <p>Ground water quality is being monitored only at 2 locations.</p> <p>The ground water level and quality monitoring should be done monthly throughout the year at 6 to 7 different locations in and around plant premises. In this additionally at 4 to 5 strategic locations in the industrial premises, including the compost yard, spent wash storage tank, press mud and compost storage location etc appropriate network of Piezometers stations should be established with continuous data logger system for continuous measurements. Soil quality needs to be monitored at 4-5 locations near by the compost yard also covering agricultural fields where the compost is applied.</p>	<p>The ground water quality monitoring stations are increased to six, which includes compost yard, spent wash / press mud storage tank,</p> <p>The soil quality is monitored at six locations.</p> <p>Piezometers are installed and monitoring shall be regularly carried out.</p>
3	<p>General Condition no. III</p> <p>Ambient air quality is being monitored at one location.</p> <p>PA has been told to increase the ambient air quality monitoring locations. Air quality monitoring shall also include the fugitive emissions monitoring at areas such as bagasse storage yard, compost yard etc</p> <p>The frequency of monitoring shall be at least once in a month</p>	<p>Ambient air quality monitoring frequency shall be increased and monitoring stations are established at Bagasse storage yard, Compost yard</p>
4	<p>General Condition no. VI</p> <p>Following measures need to be implemented:</p> <ul style="list-style-type: none"> i) Fugitive emissions monitoring at raw material, bagasse, press mud, compost yards ii) Noise levels shall be monitored regularly. iii) Ground water level and quality shall be monitored near composting yard, spent wash lagoon by establishing piezometers network with data logger facility iv) Analysis of compost Leachate needs to be carried out regularly. 	<p>Air Quality Monitoring station shall be established at Bagasse storage yard, Compost yard to carry fugitive emissions monitoring</p> <p>Frequency of noise level sampling shall be increased</p> <p>Piezometers are established and Ground water Quality is monitored regularly</p> <p>The leachate analysis is carried out once in a month and frequency shall be increased</p>

5	General Condition no. VIII PA did not submit the detailed six monthly compliance reports with point wise compliance of conditions stipulated in the Environmental Clearance. Only summary of the compliance along with monitoring reports were submitted	It shall be submitted in detail in future
6	General Condition no. IX Advertisement regarding the grant of EC was published on 30.05.2003 01.06.2003 & 02.06.2003, however the clause of seven days not followed	The delay was mainly by the newspaper publisher