

File No.J.11011/25/2007-IA II(I)
Government of India
Ministry of Environment & Forests
I.A. Division

Email: plahujarai@yahoo.com
Telefax: 24363973

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi - 110 003

Dated the 8th June, 2007

To

The Managing Director
M/s Sona Sati Organics (P) Ltd.,
H.O. Uma Kutir,
Sharma Path,
Rukunpura,
Bailey Road,
Patna - 14 (Bihar)

Sub: Environmental clearance for the establishment of proposed New Distillery plant of capacity 45 KLPD rectified spirit/ENA/AA by SonaSati Organics (P) Ltd. At Village Rajapatti Kothi, District Gopalganj (Bihar) - environmental clearance.

Sir,

This has reference to your letter No.Sonasati/12/EC/06, dated 15.12.2006 seeking environmental clearance on the above mentioned project.

The Ministry of Environment and Forests has examined the proposal. It is noted that it is proposed to set up a distillery unit of 45 KLPD capacity to produce rectified spirit/extra neutral alcohol/absolute alcohol in district Gopalganj, in Bihar. The area required for the project is 30.33 acres. The unit will be in operation for 270 days in a year. Project does not involve forest land and displacement of people. No Wildlife Sanctuary/National Park/Biosphere Reserve etc is located within 10 kms distance of the project. The unit will install bio-methanation plant. Water requirement will be 960 m³/d which will be met from the ground water source. Press mud requirement would be met from other sugar units. It is proposed to install boiler of 22 TPH capacity for steam generation. Public hearing of the project was held on 7.1.2005. Cost of the project is Rs 27.12 crores.

2. The project has been considered in accordance with the para 2.2 (2.2.1(i) (a)) interim operational guidelines of the Ministry issued on 13th October 2006 by the Ministry of Environment and Forests under Para 12 of the EIA Notification 2006.

3. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006 subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS:

- i. The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- ii. The company shall adopt continuous and semi-continuous fermentation technology depending upon the quality of molasses. The Spent Wash Generation shall not exceed 450 m³/day. As reflected in the EMP, the spent wash after anaerobic treatment in the bio-methanation plant shall be composted with press mud. No effluent shall be discharged outside the factory premises and zero discharge shall be strictly followed. Land and other requirements for treatment of spent wash with press mud shall be as per the CPCB guidelines. The company shall earmark an area of 17.73 acres for bio-composting, storage of press mud and finished products. The compost yard shall be made impervious as per the CPCB guidelines.
- iii. The company shall install wet scrubber and stack height of 45 metres as per the CPCB guidelines to control the emissions from the bagasse fired boiler installed to achieve the particulate emissions within the prescribed standards.
- iv. The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage shall not exceed 30 days capacity.
- v. Adequate numbers of ground water quality monitoring stations by providing piezometers around the compost plant and the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry.
- vi. The operation of distillery shall be restricted to 270 days and that it will not operate during rainy season.
- vii. As reflected in the EIA/EMP, green belt of adequate width and density in 10 acres of plant area shall be provided to mitigate the effects of fugitive emissions all around the plant and compost yard as per the CPCB guidelines in consultation with the local DFO.
- viii. Company shall adopt rainwater harvesting measures to recharge the ground water.
- ix. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee shall be maintained separately.

-3-

B. GENERAL CONDITIONS:

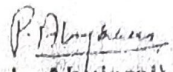
- i. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, NO_x, are anticipated in consultation with the State Pollution Control Board.
- iv. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.
- v. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA /EMP report.
- vii. A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
- viii. The project authorities shall provide requisite funds for both recurring and non recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- ix. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bhubaneswar /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data shall be submitted to the monitoring agencies.
- x. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.

xi The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

3.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.


4.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

5.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P. L. Ahujarai)
Director

Copy to:

1. Secretary, State Deptt. of Environment, Government of Bihar, Mantralaya, Patna.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Bihar State Pollution Control Board, Belltron Bhavan, 2nd Floor, Lal Bahadur Shastri Nagar, Patna- 800023
4. The Chief Conservator of forests, Regional Office(EZ), A/3 Chandershekharpur, Bhubaneswar-751001.
5. JS(CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.
6. Additional Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.
7. Guard file
8. Record file.
9. Monitoring file.


(Dr. P. L. Ahujarai)
Director