



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,

PATLIPUTRA, Patna – 800 010

Ref. No. - 1335

Patna, dated- 02.5.2022

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND UNDER SECTIONS 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981.

REFERENCE:

- (i) Name and address of the Proponent: Sri Ramashankar Prasad, Director, M/s Sona Sati Organics Private Limited, At-Babuaganj, Gulzarbagh, Patna-800007; and
- (ii) Online Application No. 6005383, dated 21.04.2022 of the proponent for the change of raw material mix of existing Ethanol plant with capacity 75.0 KLPD from molasses to grain based at- Plot No. (Khesra) No.-151/152, Khata No.-3 & 4, Mauza: Rajapatti Kothi, P.O: Rajapatti Kothi, P.S: Baikunthpur, Dist: Gopalganj - 841420.

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981;
- (iv) Online application on Parivesh Portal on 26.02.2022 along with copy of 'No increase in pollution load' certificate prepared by M/s Paramarsh Servicing Environment & Development, an accredited environmental consultant organization.
- (v) Recommendations of expert committee constituted by the Bihar State Pollution Control Board & a certificate for "NO INCREASE IN POLLUTION LOAD" issued by BSPCB, Patna vide Ref. No: 166, dated: 27.12.2021.
- (vi) Related documents along with Environmental Clearance issued by MoEF & CC, Govt. of India vide Ref. No: J-11011/25/2007-IA II(A), dated: 18th of January, 2019 & an undertaking submitted by the proponent of dated: 29.08.2019.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID EXISTING SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

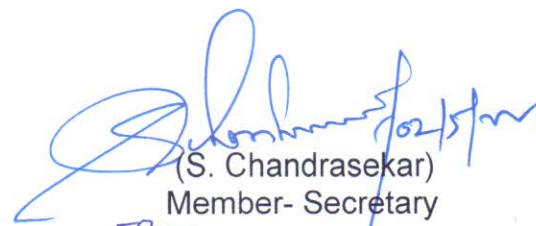
- (i) That, the proponent shall obtain 'Consent-to-Operate' under section 25 & 26 of The Water Act, 1974 and Section 21 of The Air Act, 1981 prior to commissioning of the industrial plant (Change of Raw material mix) from Bihar State Pollution Control Board;
- (ii) That, they shall comply with the provisions (whichever applicable) of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Rules and Notifications issued there under;
- (iii) That, the effluent (Domestic or Trade) and emission, if any, shall conform to the standard prescribed under the Rules;
- (iv) That, they shall restrict its ethanol production to 75 KLPD even by change of raw material matrix i.e. grain in place of molasses;
- (v) That, they shall restrict spent wash generation to the tune of 3.5 KL/KL of ethanol produced;
- (vi) That, they shall restrict ground water extraction as per NOC issued by CGWA;

- (vii) That, they shall maintain particulate matter emission (150 mg/Nm³) from the existing stack attached with boiler of 22 TPH steam generation capacity along with cyclone and wet scrubber as air pollution control device;
- (viii) That, they shall maintain ZLD by using decanter, MEE, dryer and CPU for decantation of effluent/spent wash slope, Multi-Effect Evaporation and formation of Distiller's wet grains with soluble (DWGS) followed by drying to form Distiller's dry grains with soluble (DDGS). The condensate from MEE will be treated through CPU and recycler back for its use in process, dust suppression, horticulture etc.;
- (ix) That, they shall ensure regular connectivity of OCEMS (24 X 7) installed with stack attached with boiler;
- (x) That, they shall maintain surveillance system like web camera and mass flow meter at MEE feed, MEE concentrate and ensure linking with CPCB and BSPCB servers;
- (xi) That, they shall explore development of more plantations if it is not in accordance with the EC conditions;
- (xii) That, all other mandatory approvals and permissions from competent authority shall be obtained. This Consent-to-Establish (CTE) should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies and it is confined to matters arising out of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981;
- (xiii) That, the spent wash shall be stored in impervious pucca lagoon with proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. The storage of spent wash shall not exceed 5 days capacity;
- (xiv) That, process effluent/any wastewater (treated sewage, scrubber water and/or floor washings etc) shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond;
- (xv) That, adequate facilities shall be provided for treatment of domestic wastewater and treated wastewater shall be re-used in irrigation/gardening purposes as well as back into the system for flushing/horticulture purpose/green belt development etc. and shall maintain a record on daily basis. Sludge shall be dried and used as manure in gardening;
- (xvi) That, adequate numbers of ground water quality monitoring stations by providing piezometers around 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. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and total dissolved solids shall be monitored. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the BSPCB;
- (xvii) That, the unit shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water;
- (xviii) That, rice husk shall be stored in covered shed in such a way that it does not get air borne or fly around due to wind;

- (xix) That, dust material/ash collected in APCD shall be disposed in proper manner and it shall not be disposed off on road side outside the campus. They shall submit ash disposal and management plan to the Board;
- (xx) That, boiler blow down shall be treated and shall be re-used in various purposes;
- (xxi) That, they should ensure good housekeeping including road dust collection, regular mechanical sweeping, water sprinkling etc and maintain a log book in this regard;
- (xxii) That, diesel generating sets (DG Sets), if any; as source of backup power should be provided with an integral acoustic enclosure and the maximum permissible sound pressure level for new D.G. set shall be 75 dB(A) at 1 meter from the enclosure surface. The height of exhaust of DG sets should be as: Exhaust Stack Height formula:- $(Ht \text{ of Building in meter} + 0.2\sqrt{KVA}) \text{ m}$; it should be installed on pucca base with anti vibration pads;
- (xxiii) That, they shall comply with the provisions (whichever applicable) of the Solid Waste Management Rules, 2016. Separate wet and dry bins must be provided and segregation of dry waste (in blue bin), wet waste (in green bin) and domestic hazardous waste (in black bin) must be ensure; wet waste must be composted inside the premises and dry & domestic hazardous waste shall be handed over to the local body. Non-biodegradable waste and dry waste like rejected corrugated cardboard; waste paper etc may be handed over to the recyclers registered with Bihar State Pollution Control Board;
- (xxiv) That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;
- (xxv) That, not withstand any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and
- (xxvi) That, this CTE (NOC) is granted on the basis of undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the NOC granted, shall be revoked at proponent's risk and cost and legal action shall be initiated.

NOTE:

1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed project but shall be subject to compliance of all the conditions indicated above; and
3. The NOC, granted, shall be valid for a period of two year from the date of issue.


(S. Chandrasekar)
Member- Secretary