

DBSIL/Ninaidevi/Distillery/37/2023-24

Date 30.10.2023

To

The Regional officer, (west Central Zone)
Ministry of Environment Forest and Climate Change
New Secretariat Building, Opp. VCA Ground, Civil Lines,
Nagpur-440001,

Subject: Submission of Six-monthly (April. 2023 to Sept. 2023) report for
M/s. Dalmia Bharat Sugar and Industries LTD, Distillery Unit -Ninaidevi

Reference : EC No.EC22A022MH170313 Dated 17.10.2022

Dear Sir,

With reference to above Subject, please find attached the EC compliance report **vide EC No.EC22A022MH170313 Dated 17.10.2022.** for the period of 1 April-2023 to 30 September 2023 . for our activity, Proposed 150 KLPD Molasses/Cane Juice/Grain based Distillery along with 3 MW Co-generation Power Plant, Expansion of Sugar Mill (3500 TCD to 6000 TCD) & Co-Generation Power Plant (4.5 MW to 7.5 MW) within the Existing Plant Premises at Village Arala-Karanguli, Tehsil-Shirala, District-Sangli, Maharashtra by **M/s Dalmia Bharat Sugar and Industries Limited – Unit Ninaidevi, Kokrud”.**

This is for your information and record pl.

Thanking you.

Yours Faithfully

For M/s. Dalmia Bharat Sugar and Industries LTD,
Distillery Unit -Ninaidevi


Authorized Signatory

Encl- EC compliance report



Six monthly EC Compliance Report (April. 2023 to Sept. 2023)

EC granted : October 10th 2022.

EC granted for: **EC No.EC22A022MH170313 Dated 17.10.2022**



Submission : Six monthly EC Compliance Report(April. 2023 to Sept. 2023)

(A) Specific Conditions

Sr. No	Condition	Compliance
1)	The environmental clearance is subject to obtaining prior clearance from the wildlife angle, including clearance from the Standing Committee of the National Board for Wildlife, as applicable, as per the Ministry's OM dated 8 th August, 2019. Grant of environmental clearance does not necessarily imply that Wildlife Clearance shall be granted to the project and that their proposal for Wildlife Clearance will be considered by the respective authorities on its merit and decision taken. PP shall also strictly follow the conditions mentioned in existing NBWL clearance.	Agreed for Compliance Our project works have not started yet. Before starting the project, we will be followed the conditions
2)	The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.	Agreed for Compliance Our project works have not started yet.
3)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures	Agreed for Compliance Our project works have not started yet.



	relating to the project shall be implemented. All public hearing issues shall be properly addressed as per timeline and budget submitted.	
4)	NOC from the Concerned Local authority for supply of river water shall be obtained before start of the construction of plant, State Pollution Control Board/Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	Agreed for Compliance Our project works have not started yet.
5)	Total Fresh water requirement shall not exceed 658 KIPD during season 894 KLPD during off season, which will be met from Surface water (Warana River). No ground water abstraction shall be permitted. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.	Agreed for Compliance Our project works have not started yet.
6)	Spent wash shall be concentrated in MEE and incinerated or spent wash shall be concentrated and dried to form DDGS in grain based distillery. The condensate, spent fees and utilities effluent shall be treated in the ETP comprising tertiary treatment Condensate Polishing Unit). Treated effluent will be recycled/reused for make up water of cooling towers/process etc. As proposed by PP, entire plant will be based on "Zero Liquid Discharge concept" and no effluent/treated effluent will be discharged outside the plant premises. STP shall be installed to treat sewage generated from factory premises,	Agreed for Compliance Our project works have not started yet.
7)	The capacity of existing 25 TPH boiler shall be upgraded to 40 TPH steam generating capacity and 28 TPH to 55 TPH capacity. The Wet scrubber as APCD in existing (25 28 TPH) boilers will be replaced by ESP of 99.99% efficiency / Bag File while upgrading the boilers capacity with a stack of height of 57 m for controlling the particulate emissions within the	Agreed for Compliance Our project works have not started yet.



	<p>statutory Limit of 30 mg/Nm³.ESP/Bog Filter with a stack of height of 68 m will be installed for controlling the particulate emissions within the statutory limit of 30 mg/Nm³ for the proposed 30 TPH boiler, SO and NO_x emissions shall be less than 100 mg/Nm³ At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired. efficiency. Performance assessment of pollution control devices/ systems will be concocted annually.</p>	
8)	<p>Bagesse ash is rich in silica content, hence, can be used directly for brick manufacturing. Slop based boiler ash is rich in potash (>14%) hence, Ministry of Fertilizer has declared it Potash derived from molasses (POM) which will be used as manure, PP shall use Biomass like rice husk/bagasse as fuel for the proposed boiler. Low sulphur coal with maximum sulphur content of 0.5% shall only be used in case of biomass unavailability PP shall meet 10% of the total power requirement from solar power by generating power inside plant premises/adjacent nearby areas.</p>	<p>Agreed for Compliance Our project works have not started yet.</p>
9)	<p>Adequate numbers of ground water quality monitoring stations by providing piezometers around the project ares shall be set up. Sampling and trend analysis monitoring must be conducted en monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pl, BOD, COD.Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office.</p>	<p>Agreed for Compliance Our project works have not started yet.</p>
10)	<p>CO₂ generated will be collected by utilizing CO₂ scrubbers and it shall be sold to authorized vendors.</p>	<p>Agreed for Compliance Our project works have not started yet.</p>



11)	PP shall allocate at least Rs. 50 Lakh/annum for Occupational Health Safely. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Agreed for Compliance
12)	Training shall be imported to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Agreed for Compliance
13)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling, Firefighting system shall be as per the norms, PESO certificate shall be obtained.	Agreed for Compliance
14)	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incineration. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. Filter press shall be installed for drying of sludge.	Agreed for Compliance Our project works have not started yet.
15)	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active Ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated Sizing to minimize spillage. (d) Use of Close Feed system in batch reactors. (e) Venting equipment through vapour recovery system. (f) Used of high pressure hoses for equipment clearing to reduce wastewater generation.	Agreed for Compliance



<p>16)</p>	<p>The green belt of a feast 5-15 m width shall be developed in 10.25 Hectares Le, nearly 33 %of the total project area with tree density @ 2500 trees per hectares, mainly any the plant periphery. Selection of plant species snail be as per the CPCB guidelines in consultation with the State Forms. Department and native species shall he developer. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>Agreed for Compliance</p> <p>We started the green belt developing of a feast 5-15 m width in 10.25 Hectares Le, nearly 33 %of the total project area</p>
<p>17)</p>	<p>proposed to allocate Rs. 1.85 Crores to address the public hearing issues towards Extended EMP (CER) which shall be spent as submitted in CER plan for monitor-able activities like up-gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, Drinking Water Facilities, solar light/solar power support for uninterrupted power supply, soil nutrient management etc. Further, all the proposed activities. under CER shall be completed before the commissioning of the plant in consultation with District Administration.</p>	<p>Agreed for Compliance to address the public hearing issues towards Extended EMP (CER)</p>
<p>18)</p>	<p>There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project are, 20% shall be allotted solely for parking purposes with facilities like rest rooms etc. Approach road from the industry to the State Highway shall be maintained and developed by PP</p>	<p>Agreed for Compliance</p>
<p>19)</p>	<p>Storage of raw materials shall be either in silos er in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be providec. Biomass</p>	



	<p>shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevents suspension during high wind speed. A Internal roads shall be paved.Industrial vacuum cleaner shall be provides to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.</p>	<p>Agreed for Compliance</p>
<p>20)</p>	<p>Continuous online (24x7) monitoring system for stack emission/ effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server, For online continuous monitoring of affluent, the unit shall install web camera with right vision capability and flow meters in the channel/drain carrying effluent within the premises</p>	<p>Agreed for Compliance Our project works have not started yet.</p>
<p>21)</p>	<p>A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project Area) equipped with full-fledged laboratory facilities shall be set up to carryout the Environmental Management and Monitoring functions. EMC head shall report directly to head of Organization Managing Director/CEO as per company hierachy</p>	<p>Allreday establish</p>
<p>22)</p>	<p>PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.</p>	<p>Agreed for Compliance Our project works have not started yet.</p>

General Conditions

Sr.No	Condition	Compliance
I	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment. Forest and Climate Change/SEIAA, es applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed for Compliance
ii	The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment	Agreed for Compliance
iii	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 Environment (Protection) Act, 1986 Rules, 1989 viz.75 dBA (day time) and 70 dBA (night time)	Agreed for Compliance
iv	The company shall undertake all relevant measures for improving the socio- economic conditions of the surrounding area. CEA activities shall be undertaken by Involving Local villages and administration and shall be implemented. The company shall undertake Eco-developmental measure including community welfare measures in the project area for the overall improvement of the environment.	Agreed for Compliance



V	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulates herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose	Noted and Agreed for Compliance
Vi	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Agreed for Compliance
Vii	The project proponent shall also submit six monthly reports on the status of Compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPC and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Noted and Agreed for Compliance Our project works have not started yet.
Viii	The environmental statement for each financial year ending 31 March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional: Offices of MOEFBCC by e-mail.	Agreed for Compliance Our project works have not started yet.



ix	<p>The project proponent shall inform the public that the project has been Accorded environmental clearance by the Ministry end copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.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 conceded Regional Office of the Ministry.</p>	<p>Agreed for Compliance. we are enclosed Annexure- I</p>
X	<p>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 the project</p>	<p>Agreed for Compliance Our project works have not started yet.</p>
Xi	<p>This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.</p>	<p>Noted and Agreed for Compliance</p>
Xii	<p>The Ministry reserves the right to stipulate additional conditions if necessary at subsequent stages and the project proponent shall of the said conditions in a time bound manner The Ministry may revoke or suspend the Environmental clearance if implementation of any of the above conditions is not found satisfactory.</p>	<p>Noted and Agreed for Compliance</p>



Xiii	Concealing factual data or submission of false/fabricated data and failure to comply with any of the condition mentioned above may provision of Environment (Protection) Act, 1986	Noted and Agreed for Compliance
Xiv	Any appeal against this environmental clearance shall lie with the National Green Tribunal ,if preferred ,with in a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act ,2010	Noted and Agreed for Compliance
xv	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, the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance ACT, 1991 read with subsequent amendments therein	Noted and Agreed for Compliance
Xvi	This issues with the approval of the competent authority	Noted

**For M/s. Dalmia Bharat Sugar and Industries LTD,
Distillery Unit -Ninaidevi**


Authorized Signatory

CC-

- 1) RO Office MPCB Kolhapur
- 2) SRO Office MPCB Sanagli



Annexure - I

Public Hearing Advestisment in Local News Paper Sakal, and The Times of India

Date 30 May 2022

महाराष्ट्र प्रदूषण नियंत्रण मंडळ
उप प्रादेशिक कार्यालय, सांगली
पर्यावरणविषयक जाहीर सुनावणीची सूचना

मे.दालमिया भारत शुगर इंडस्ट्रीज लिमिटेड, (DBSIL) महाराष्ट्र, आरळा-करुंगली, ता.शिराळा, जिल्हा - सांगली यांच्या प्रस्तावित मोल्सेस / केनजूस/धान्यावर आधारीत १५० केएलपीडी क्षमता आसवनी प्रकल्प तसेच प्रस्तावित आसवनी को-जनरेशन पॉवर प्लांट क्षमता ३.० मेगावॉट, आणि सध्याच्या सह-उर्जा प्रकल्प (४.५ मेगावॉट ते ७.५ मेगावॉट क्षमता) विस्तार तसेच सध्याची उस गाळप क्षमता (३५०० टीसीडी ते ६००० टीसीडी) विस्तार प्रकल्प उभारणीबाबत जाहीर लोकसुनावणी घेण्याबाबतचा प्रस्ताव प्राप्त झालेला आहे. सदर प्रस्तावासंबंधी पर्यावरणविषयक सूचना, विचार, टिका-टिप्पणी तसेच आक्षेप नोंदविण्यासाठी जाहीर सुनावणीचे आयोजन करण्यात आले आहे.

सुनावणीचे ठिकाण - मे.दालमिया भारत शुगर इंडस्ट्रीज लिमिटेड, महाराष्ट्र, आरळा-करुंगली, ता.शिराळा, जिल्हा - सांगली (कारखाना स्थळ)

सुनावणीची तारीख - ३० जून २०२२ (गुरुवार)

सुनावणीची वेळ - सकाळी ११:०० वाजता.

सदर नियोजित प्रकल्पाच्या परिसरामधील रहिवासी, पर्यावरण विषयी काम करणा-या संस्था, सदर प्रकल्पामुळे विस्थापित होणारे रहिवासी किंवा सदर प्रकल्पामुळे अन्य प्रकारे प्रभावित होणारे रहिवासी यांना सदर प्रकल्पासंबंधी सूचना, टिका-टिप्पणी तसेच आक्षेप तोंडी किंवा लेखी स्वरूपात सुनावणीवेळी नोंदवता येतील. त्या जाहीरात प्रसिध्द झाल्यापासून ३० दिवसांच्या आत खालील पत्त्यावर अथवा कार्यालयाच्या ई-मेलवर पाठविण्यात याव्यात -

E-mail: srosangli@mpcb.gov.in

उप प्रादेशिक कार्यालय, महाराष्ट्र प्रदूषण नियंत्रण मंडळ, ३००/२, उद्योग भवन, शासकीय विश्रामधामजवळ, विश्रामबाग, सांगली - ४१६ ४१५.

प्रकल्पासंबंधी माहिती असलेले दस्तावेज नागरीकांच्या माहितीसाठी व अभ्यासासाठी खालील कार्यालयामध्ये कार्यालयीन वेळेमध्ये दि. ३० मे २०२२ ते ३० जून २०२२ पर्यंत उपलब्ध असतील.

१. जिल्हाधिकारी कार्यालय, सांगली. २. जिल्हा उद्योग केंद्र, उद्योगभवन, सांगली. ३. मुख्य कार्यकारी अधिकारी, जिल्हा परिषद, सांगली. ४. प्रादेशिक संचालनालय, केंद्रीय प्रदूषण नियंत्रण मंडळ, सर्वेक्षण क्रमांक ११०, धनकुडे बहुउद्देशीय हॉल, बाणेर रोड, पुणे ४११ ०४५. ५. पर्यावरण विभाग, नवीन प्रशासन भवन, १५ वा मजला, मादाम कामा मार्ग, मंत्रालय, मुंबई-३२. ६. मा. सदस्य सचिव, म.प्र.नि.मंडळ, (मुख्यालय), कल्पतरू पॉईंट, तिसरा मजला, सिनेप्लेनेट समोर, सायन सर्कल, सायन पूर्व, मुंबई. ७. प्रादेशिक कार्यालय, म.प्र.नि.मंडळ, उद्योग भवन, कोल्हापूर. ८. तहसिल कार्यालय, शिराळा, ता. शिराळा, जि.सांगली. ९. ग्रामसेवक, ग्रामपंचायत करुंगली, आरळा, मणदूर, तालुका शिराळा, जि. सांगली. सोडोली, तालुका शाहवाडी, जिल्हा कोल्हापूर

सही / -
उप प्रादेशिक अधिकारी,
महाराष्ट्र प्रदूषण नियंत्रण मंडळ, सांगली

MAHARASHTRA POLLUTION CONTROL BOARD
SUB REGIONAL OFFICE, SANGLI
NOTICE FOR ENVIRONMENTAL PUBLIC HEARING

M/s. Dalmia Bharat Sugar and Industries Limited, At-Village Arala-Karungli, Tal-Shirala, Dist-Sangli has submitted the proposal for proposed 150 KLPD Molasses/Cane Juice/Grain Based Distillery along with 3 MW Co-generation Power Plant, Expansion of Sugar Cane Cursing capacity from (3500 TCD to 6000 TCD) and Co-Generation Power Plant capacity from (4.5 MW to 7.5 MW) within the existing plant premises. In this regard a Public Hearing is proposed to be conducted from environmental angle about this project. All persons including bonafide residents, environmental groups and others located at the project site can participate in the Public Hearing.

Suggestions, views, comments and objections if any of the public can be filed at the following addresses in writing within 30 days from the date of publication of this notice.

Sub-Regional Office, M. P. C. Board, 300/2, Udyog Bhavan, Near Govt. Rest House, Vishrambag, Sangli-416 415.

E-mail: srosangli@mpcb.gov.in

Oral and written suggestions can also be presented during the Public Hearing to be conducted at:

Venue : At the site of M/s. Dalmia Bharat Sugar and Industries Limited, At-Village Arala-Karungli, Tal-Shirala, Dist-Sangli

Date of Public Hearing : 30-06-2022. (Thursday)

Time of Public Hearing : 11:00 am.

Copies of the Draft EIA Report and Executive Summary containing the salient features of the project, both in English and Marathi and other information / documents are available at the following offices. Concerned persons will be provided access to the information /documents within office hours from 30-05-2022 to 30-06-2022.

1) District Collector, Sangli. 2) The General Manager, District Industries Center, Sangli. 3) Chief Executive Officer, Zilla Parishad Office, Sangli. 4) The Regional Directorate, Central Pollution Control Board, Survey No.110, Dhankude Multi-Purpose Hall, Baner Road, Pune 411 045. 5) Environment Department, Govt. Of Maharashtra, New Adm. Bldg., 15th Floor, Madam Kama Marg, Mantralaya, Mumbai - 400 032 6) Member Secretary, M.P.C.Board, Kalpataru Point, 3rd floor, Opp. Cine Planet, Slon Circle, Slon (E) Mumbai - 32. 7) Regional Office, Maharashtra Pollution Control Board, Udyog Bhavan, Kolhapur. 8) The Tahsildar, Tahasil Office, Shirala, Tal-Shirala, Dist-Sangli 9) The Gramsevak, Grampanchayat Office, Karungali, Arala. Mandur, Taluka Shirala, District Sangli. Sondoli, Taluka Shanuwadi, Dist. Kolhapur

sd/
Sub Regional Officer
Maharashtra Pollution Control Board, Sangli

