

Ref.GBL/SMR/QA&E/MoEF-EC/2020-21/828

21.11.2020



To,
The Additional Principal Chief Conservator of Forest (c),
Ministry of Environment & Forest
Regional Office (South Zone).4th Floor, E&F Wings,
Kendriya Sadan, 17th Main road, IInd BLOCK, Koramangala.
Bangalore - 560034.

Godavari Biorefineries Ltd

Sub: Half Yearly Compliance report for Environmental Clearance-Reg.
Ref: Environmental Clearance No.SEIAA:1: IND: 2007 Dated 18.11.2009

Dear Sir,

With reference to the above mentioned subject and reference, please find enclosed herewith the point wise compliance report for the period from April-2020 to September-2020 Pertaining to 15000 TCD Sugar Plant & 45.56 MW Co-generation at M/s Godavari Biorefineries Limited A/P: Sameerwadi, Tal: Mudhol, Dist: Bagalkot,

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,
For Godavari Biorefineries Limited,


B R Bakshi
Executive Director

Copy to,

1. The Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bhag Road, Aliganj, New Delhi-110003
2. The Member Secretary, Karnataka State Pollution Control Board, #49, church street, Parisara bhavan, 4th and 5th floor Bangalore-1
3. The Member Secretary, State Level Environmental Impact Assessment Authority, Department of Ecology & Environment, Room No.709, 7th Floor, 4th Gate, M.S. Building, Bangalore - 560 001 Karnataka.
4. Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.



Works : P O Sameerwadi, Tal Mudhol, Dist Bagalkot, Karnataka State - 587 316. INDIA
Tel : (91-08350) 260046/ 47/ 48 Fax : (91-08350) 260037 Gram : "SUGAR MILLS" Sameerwadi

Regd. Office : Somaiya Bhavan, 45/47, Mahatma Gandhi Road, Fort, Mumbai - 400 001 INDIA.
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CIN No U67120MH1956PLC009707 • KST No 5020083-5 w.e.f. 19-09-2002 • TIN No 29100043219 w.e.f. 28-04-09



GST No: 29AABCG2543C1ZZ

**DETAILS OF THE COMPANY, CONTACT PERSONS & CURRENT
STATUS OF THE PROJECT**

Contact details, address, telephone/mobile Number of Company/Executives	B R Bakshi Executive Director Godavari Biorefineries Limited A/P: Sameerwadi, Tal: Mudhol, Dist: Bagalkot, Pin-587316, Phone: 08350-260046/47
E-mail ID & Website address of the company	Company E-mail ID: director.sameerwadi@somaiya.com Website: www.somaiya.com
Name and Contact details of the Responsible person	Mallikarjun jambur, Sr. Manager (Environment) E-mail: jambur.mallikarjun@somaiya.com Contact No: 9606959873
Current status of the project	The Expansion of the Sugar & co-gen unit Has been completed and Date of commissioning: December 2011. Capacity of the sugar cane crushing Unit is 15000 TCD and Co-gen 45.56 MW The sugar unit will function during October to April period and the co-gen Unit will function from October to May.



Half Yearly Compliance to Environment Clearance condition given for Expansion of sugar factory capacity from 7,500 to 15,000 TCD and Co-generation capacity from 24 to 46 MW at M/s Godavari Biorefineries Limited, Sameerwadi/Saidapur village, Modhol Taluka, Bagalkot District. (For the period April-September 2020)

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Sy.No	Condition	Compliance
01	Suitable Air Pollution Control System (ESP/Wet scrubber) and stacks of appropriate height as per the CPCB guidelines shall be provided to control emissions from various sources and shall ensure emissions levels below the KSPCB prescribed standards. Separate electric meters should be provided to the Air pollution Monitoring System and a separate log book maintained for the daily meter readings and monthly report submitted to concerned Regional Officer, KSPCB & Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum. The production process should be interlocked with the Air Pollution control systems.	For Co-gen. Boilers ESP are provided & for Sugar Boilers Wet Scrubbers are provided as APC Control System. Stack heights are as per CPCB guidelines and the emissions from various sources are within stipulated norms given by KSPCB standards. Separate electrical meters are installed for air monitoring system and separate logbook maintained for meter readings. Reports being submitted to Regional Officer, KSPCB Bagalkot. We have provided alarm system in DCS for immediate action to control production. And further industry was not in operation from April to September due to off season so there is no data attached.
02	ETP treated water shall not be let out of the industry's premises and should be used for farming/ gardening within.	The sugar trade effluent is treated in Sugar E.T.P and treated water is used to irrigate our own farming and gardening. We are not letting out any effluent out of our Industry premises. The industry also installed Online Effluent Monitoring system. The System was kept in offline due to offseason.
03	Ash generated should be mixed with press mud and composted and used or given to farmers as manure. 100% utilization of ash should be ensured from the date of operation of the plant. The project authorities shall adhere to the provision stipulated in the fly sash notification of September, 1999 and as amended in August 2003 in regard to fly ash utilization.	Daily 30 MT of Ash is utilized in Bio-compost process with 600 MT of Press mud. Also ash is sold to farmers & brick manufactures. The Industry ensures that 100% utilization of Boiler ash will be strictly followed as per Fly ash Notifications of September 1999 and amend in August 2003
04	All the conditions stipulated in CFE/CFO issued by Karnataka State Pollution Control Board shall be strictly implemented	Already implemented
05	Only bagasse / biomass should be used as fuel. Not to use wood logs, coal as fuel & no other fuels should be used.	The Industry ensures that only bagasse / biomass will be used as fuel.
06	No ground water shall be drawn for the power plant at any stage. Treated effluents shall be used for sugar cane seed farm / green belt development. These should be no wastewater discharge from the plant.	We are not drawing any ground water for power plant. We are not discharging any waste water from plant and are being used for garden and green belt watering after



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		treatment.
07	For controlling fugitive dust inside and outside the plant premises and vulnerable area of the plant, dust extraction and suppression system and water sprinklers shall be ensured.	Industry has taken all the precautionary measures to control fugitive emission inside and outside the plant premises and vulnerable area. Water sprinkler system has been adopted to mitigate fugitive emission
08	Noise level shall be limited to 75 dBA. For people working in high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	The industry has provided the protective equipment like earplug etc., to all working personnel at higher noise area, both the TG and DG has been provided with acoustic enclosures. With all these protective measures noise levels are not exceeding 75 dBA at the factory premises.
09	Minimum 33% green area should be developed in the project area. Planting should done with tree density of about 1111 trees per ha. i.e. at an escapement of 3mX3m and cover with suitable local perennial tree species.	The greenbelt development is already been done in 126 acres of land out of 382.07 acres project area. We have continuously developing green belt area in and around the factory premises for perennial tree species. The total Tree population as on date is 32,054.
10	The gaseous emissions (SO ₂ & NO _X) and particulate matter from Boilers, D.G sets and other processes shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation under intimation to the Regional Officer, KSPCB & Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Bagalkot and shall not be restarted until the desired efficiency has been achieved.	We are regularly monitoring by MOEF recognized lab. The Industry also ensures that it will not operate the unit, in case of failure of any pollution control system adopted and same will be communicated to Regional Officer, KSPCB and Regional Director (Environment), Dept. of Ecology and Environment GoK, Bagalkot. The unit will not be restarted until the rectification to the desired efficiency level. Industry was not in operation from April to September due to off season so there is no data attached.
11	The Project authorities shall develop separate drain for storm and waste water so that during rains, wastewater is not mixed with the stormwater. The wastewater drains shall be provided with V-notch for monitoring the quantity of wastewater and the wastewater quantity shall be limited to the extent of permission of	Separate drain for storm and wastewater has been provided. There is no chances of waste water is mixing with storm water. Industry has provided flow meters for measuring the waste water generation and the quantity of the waste water



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	Karnataka State Pollution Control Board.	generation are well within the norms as prescribed by the KSPCB. The industry also installed Online Effluent Monitoring system to monitor BOD, COD, pH, TSS and Flow parameters. The data is connected to CPCB server. The System was kept in offline due to offseason
12	The company shall take adequate steps to avoid odour nuisance from disposal of press mud and ETP sludge. The transportation of these shall be in covered means.	Adequate measures are taken to avoid odour nuisance from press mud and ETP sludge. The transportation will be done in covered means.
13	The company shall develop covered storage areas for lime, sulphure, and Phosphoric acid to avoid mixing of the same with the rainwater for the existing sugarcane plant.	Company has already provided covered storage godowns for lime, Sulphur & phosphoric acid to avoid mixing with rain water
14	Regular monitoring of the air and water quality should be carried out in and around the power plant and records be maintained. Six monthly reports shall be submitted to the SEIAA Karnataka, MOEF Regional Office, Bangalore, Department of Environment and Ecology, Government of Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.	We are regularly monitoring air and water quality in and around power plant and records are maintained. Six monthly compiled reports are submitted to all statutory Authorities as per the MoEF guidelines. Industry was not in operation from April to September due to off season so there is no data attached.
15	Adequate numbers of ground water quality monitoring stations shall be set up around the green belt area. These monitoring stations will be provided with piezometers. The company shall monitor six monthly, the soil and ground water quality in the plant and green belt area to ensure that there shall not be ground water pollution and reports submitted to Ministry's Regional Office/SPCB/CPCB, Department of Environment and Ecology, Government of Karnataka, Bangalore and the Regional Director (Environment) Department of Ecology and Environment, Government of Karnataka, Bagtalkot.	The industry has provided adequate numbers of ground water monitoring stations around the plant Piezometers are also provided. The reports are common for the entire complex. Six monthly compiled reports are submitted to all statutory Authorities as per the MoEF guidelines Industry was not in operation from April to September due to off season so there is no data attached.
16	The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Karnataka State	The industry has published in the Newspapers. The Xerox copies of the same are already submitted along with compliance report.



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	Pollution Control Board and Authority website at http://seiaa.kar.nic.in	
17	A separate environment and safety management cell with qualified staff shall be set up with a representative from co-generation before commission of construction activities and shall be maintained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.	<p>We have already having separate Environment Management cell and Safety cell with qualified & experienced staff.</p> <ol style="list-style-type: none"> 1. Mr. Prakash Bhondare- GM (QA&E) 2. Mr. M.N.Jambur- Manager (Env) 3. Mr. M.S. Godi, Dy. Manager (WTP) 4. Mr. R. V. Deshapande Dy.Manager (Safety) 5. Mr. K. Bandekar -Jr.Officer (Safety) <p>With 12 Nos. Safety Guards.</p>
18	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to SEIAA, Karnataka / Regional Office of Ministry of Environment & Forests, Bangalore/ CPCP/KSPCB, Department of Environment and Ecology, Government of Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.	We are submitting the Half Yearly compliance report to all statutory Authorities.
19	Karnataka SEIAA / Regional Office of the Ministry of Environment and Forests located at Bangalore/Department of Environment and Ecology, Government of Karnataka and the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Bagalkot will monitor the implementation of the stipulated conditions. Complete set of Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office of MOEF Bangalore / SEIAA, Karnataka / Department of Ecology and Environment, Government of Karnataka and the Regional Director (Environment) Department of Ecology and Environment, Government of Karnataka, Belgaum for their use during monitoring.	Complete set of Environmental Impact Assessment report has already been submitted to the concerned authorities.



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20	Separate funds should be allocated for implementation of Environmental protection measures along with item-wise break up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the, SEIAA Karnataka, MOEF regional office, Bangalore, Department of Environment and Ecology, Government of Karnataka and Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.	The industry has already implemented environmental protection/control measures. The cost of the installation of the APC equipment and ETP is about 4.46 Cr. The year wise expenditure is reported to KSPCB Bangalore
21	The project authorities should inform the SEIAA, Karnataka/ Department of Environment and Ecology, Government of Karnataka / Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum/ Regional office of the Ministry of Environment and Forests regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Regarding financial closures and final approval by concerned authorities. a) Date of start of land development March 2010. b) Date of commissioning December 2011.
22	The project Authorities shall provide proper rain water harvesting and ground water recharge facilities and report be submitted.	We have already provided proper rainwater harvesting pond and facilities for ground water recharge.
23	Full cooperation should be extended to the Ministry at Bangalore/ the CPCB/ the KSPCB/ the department of Environment and Ecology, Government of Karnataka / Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum who would be monitoring the compliance of conditions.	We are giving full co-operation to the Ministry at Bangalore/ the CPCB/ the KSPCB/ the department of Environment and Ecology, Government of Karnataka / Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum who would be monitoring the compliance of conditions.
24	A master plan for social commitment giving details of proposed works/ activities and expenditure year wise to be prepared and submitted to SEIAA and shall be implemented strictly.	We are having separate CSR (Corporate social Responsibility) activities to take care of social welfare development and substantial expenditure is made
25	The project proponent shall undertake the medical checkup camps in the nearby villages, provide	We are regularly conducting medical checkup camp from reputed medial



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	educational facility to the students and provide library, drinking water for Hallur, Kesarakopa, Handigunda Schools etc., with a budget not less than Rs.13.25lakhs and Rs.2lakhs for establishment of theme park in the Science Centre, Dharawad towards the corporate social commitment made vide letter dated 09-11-2009 & 17-11-2009 as committed and report be submitted to the Authority.	staff from KLE Belgaum and Mumbai. However we could not conduct these in last six months because of Covid-19. However we will continue the activities. We are providing educational facility to the students under Help a child scheme from CSR.
26	The project proponent should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.	Information board is displayed at the entrance of the project / factory
27	The infrastructure of transport roads linking to the nearest main road shall be improved and maintained by the proponent.	We have improved the infrastructure facility by maintaining nearest main roads and linking roads.
28	The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.	Agreed and abide by the condition.
29	The environmental clearance accorded shall be valid for a period of 05 years or date of commencement of operation of the power plant, whichever is earlier. In case the project authorities fail to do so within this stipulated period, this environmental clearance shall stand impaled automatically.	The Expansion of Sugar and Co-gen project is completed. a) Date of start of land development March 2010. b) Date of commissioning December 2011.
30	No further expansion or modifications in the plant shall be carried out without prior approval from the SEIAA Karnataka. In case of any deviation or alteration in the project proposed from those submitted to this SEIAA to assess the adequacy of the conditions imposed and to add additional conditions for environmental protection required if any.	Agreed
31	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollutions) Act, 1974, the Air (Prevention and Control of 3Pollution) At 1981, the Environment (Protection) Act, 1986 Hazardous Wasters (Management and Handling) Rules , 1989 and its amendments, the Public Liability Insurance Act, 1991 ad its amendments, the Environment Impact Assessment Notification of January , 2006 and their subsequent manufacture, storage and Import of Hazardous Chemicals Rules, 1989 amendments	Agreed
32	The issue of Environment Clearance doesn't	Agreed



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	confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions form all other concerned Authorities	
33	Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
34	Any Appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997	Agreed

Date: 21.11.2020
Place: Sameerwadi

For Godavari Biorefineries Limited


Executive Director

