



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: July 8, 2021

To,
Athani Sugars Limited
at At Village-Sonawade-Bambawade Tehsil- Shahuwadi, Dist- Kolhapur, State - Maharashtra

Subject: Environment Clearance for Expansion of Sugar from 2500 TCD to 8000 TCD and Proposed 35 MW Cogeneration Plant at Village- Sonawade - Bambawade, Tehsil- Shahuwadi, District Kolhapur, Maharashtra by Athani Sugars Limited

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 189th -Day-1th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 220th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(j) and 1 (d) as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Expansion of Sugar from 2500 TCD to 8000 TCD and Proposed 35 MW Cogeneration Plant at Village- Sonawade - Bambawade, Tehsil- Shahuwadi, District Kolhapur, Maharashtra by Athani Sugars Limited
2.Type of institution	Private
3.Name of Project Proponent	Athani Sugars Limited
4.Name of Consultant	ULTRATECH
5.Type of project	Industrial
6.New project/expansion in existing project/modernization/diversification in existing project	Addition in Sugar Factory 8000TCD (by 5500 TCD) And New Cogeneration Plant (35 MW)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	At Village-Sonawade-Bambawade Tehsil- Shahuwadi, Dist- Kolhapur, State - Maharashtra
9.Taluka	Shahuwadi
10.Village	Sonawade-Bambawade
Correspondence Name:	Mr Yogesh Patil
Room Number:	at Vishnuannanagar, Tehsil Athani,
Floor:	Post Navalihal-591 234,
Building Name:	Not applicable
Road/Street Name:	Not applicable
Locality:	Karnataka
City:	Dist. Belgaum,
11.Whether in Corporation / Municipal / other area	Grampanchayat Sonwade-Bamwade

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SEIAA-EC-0000002357

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Manisha Patankar Mhaiskar (Member Secretary SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	District collector Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Department of Industrial Policy and Promotion, Ministry of Commerce and Industries, Govt. of India
	Approved Built-up Area: 35000
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	289570
16.Deductions	0
17.Net Plot area	289570
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 35000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	2630000000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sugarcane crushing	2,500 TCD	5500 TCD	8000 TCD
2	Co-gen Power	0 MW	35 MW	35 MW

23. Total Water Requirement

Dry season:	Source of water	Kadvi - Warna River
	Fresh water (CMD):	400
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	1200
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	2020
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	100	0	100	10	0	0	90	0	90
Industrial Process	250	550	800	40	120	160	0	640	640
Cooling tower & thermopack	300	1620	1920	100	1388	1488	200	232	432
Gardening	310	0	310	0	0	0	0	0	0

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	10 to 15mt
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable

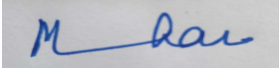
26.Storm water drainage	Natural water drainage pattern:	Not Applicable
	Quantity of storm water:	Not Applicable
	Size of SWD:	Not Applicable

27.Sewage and Waste water	Sewage generation in KLD:	90
	STP technology:	Modular STP
	Capacity of STP (CMD):	1 Modular STP of 100 KLD
	Location & area of the STP:	Near Admin office
	Budgetary allocation (Capital cost):	10lacs
	Budgetary allocation (O & M cost):	1 lac

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste generation is very less as mostly fabrication work
	Disposal of the construction waste debris:	Waste generated during construction shall be re-used or sent to authorized recycler
Waste generation in the operation Phase:	Dry waste:	Office and Colony waste 73 Kg /day, Ash 36 TPD
	Wet waste:	130 Kg/day
	Hazardous waste:	Lube oil 15 Kg/day
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	ETP Sludge 88 Kg/day, STP Sludge approx 12 Kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Office waste, empty drums/ bags etc. to authorized recycler, Ash for compost or to brick manufacturers
	Wet waste:	pit composting (existing)
	Hazardous waste:	Lube Oil sent to authorized recycler
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Composting
	Others if any:	Not applicable
Area requirement:	Location(s):	Compost pit Near Canteen (existing)
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

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29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	NA	4.5 - 6	6.5 - 8.5	5.5 - 9.0
2	SS	mg/L	500 - 1500	100	100
3	BOD	mg/L	1000 - 2500	100	100
4	COD	mg/L	2000 - 4000	250	250
5	TDS	mg/L	5000 - 12000	2100	2100
Amount of effluent generation (CMD):		872			
Capacity of the ETP:		900			
Amount of treated effluent recycled :		872			
Amount of water send to the CETP:		0			
Membership of CETP (if require):		Not required			
Note on ETP technology to be used		Tertiary treatment			
Disposal of the ETP sludge		Composting			

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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Lube oil	5.1	Kg/day	5	10	15	Send to authorized recycler

31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler	Bagasse, 2394 TPD	1	80	3	190

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Bagasse	0	2400	2400 PD

33. Source of Fuel in-house, bagasse is obtained from the cane crushed for sugar preparation

34. Mode of Transportation of fuel to site Not applicable

35. Energy

Power requirement:	Source of power supply :	MSEDCL and own
	During Construction Phase: (Demand Load)	as per requirement
	DG set as Power back-up during construction phase	as per requirement
	During Operation phase (Connected load):	12,200KW
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	2 nos 1250 KVA
	Fuel used:	hsd
	Details of high tension line passing through the plot if any:	Not applicable

Energy saving by non-conventional method:

Not applicable

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not applicable	Not applicable

37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Boiler Stack	Boiler Stack	ESP
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	0.6
2	Air Environment	Water For Dust Suppression Air & Noise monitoring	1.50
3	Water Environment	Tanker water for construction Water monitoring	2.5

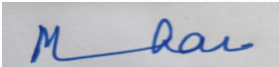
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Emission control Engineering	ESP & Stack	250	15
2	Water & Wastewater management	STP and ETP	100	25
3	Solid Waste	composting	25	5.0
4	Greening Belt	landscaping	50	10
5	Monitoring	Environment monitoring	0	5.0
6	Other aspects like Rain Water Harvesting, Safety, Security etc.	NA	26	12.0

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(j) and 1 (d)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

3. The proposal has been considered by SEIAA in its 220th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to implement the Guidelines for restoration of manufacturing industries after lockdown period issued by Ministry of Home Affairs, National Disaster Management Authority on 09.05.2020.
II	PP to prepare and implement construction management plan. PP to provide shelter, food, drinking water, sanitation facilities to the construction workers as per guidelines issued by the Competent Authority.
III	PP to ensure to protect the natural water streams existing on site. PP to provide adequate size storm water drain as per contours on the site to avoid any unforeseen flooding emergency.
IV	PP to obtain approval from the Agriculture Department to use ETP sludge as manure.
V	PP to provide Continuous Emission Monitoring System (CEMS) for monitoring of air emissions and connect the same to the MPCB and CPCB servers.
VI	PP to provide sewage treatment plant for the treatment of domestic waste water.
VII	PP to implement cane development plan for enhancement of per hectare yield of sugar cane. PP to promote drip irrigation for sugar cane cultivation in their jurisdiction.
VIII	PP to prepare and implement CER plan in consultation with the District Authority for development of social and environmental infrastructure in the Z.P Schools and Primary Health Centre in the study area of the proposed project as per OM issued by MoEF&CC dated 01.05.2018.
IX	PP to undertake Miyawaki plantation of native and indigenous trees in the proposed 33 % green belt as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
X	PP to ensure to provide Zero Liquid Discharge Effluent Treatment Plant.
XI	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
XII	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
XIII	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
XIV	PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
XV	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).

XVI	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
XVII	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
XVIII	PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
XIX	11.PP to provide roof top Rain Water Harvesting facility.

General Conditions:

I	I. 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 Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at http://parivesh.nic.in
II	II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
III	III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
IV	IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
V	V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VII	VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
VIII	VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
IX	VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
X	IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
XI	X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
XII	XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
XIII	XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

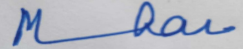
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under 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 there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Manisha Patankar Mhaiskar (Member Secretary SEIAA)

Copy to:

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER KOLHAPUR
6. REGIONAL OFFICE MPCB KOLHAPUR
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
8. COLLECTOR OFFICE KOLHAPUR
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