



**MULA SAHAKARI SAKHAR
KARKHANA LTD.**

SONAI, TAL. NEWASA, DIST. AHMEDNAGAR 414106
(MAHARASHTRA)

**मुळा सहकारी साखर
कारखाना लि.**

सोनई, ता. नेवासा, जि. अहमदनगर-४१४१०५ (महाराष्ट्र)

Ref.No.MFG-Dist/ 454 /2023

Date: 27 MAY 2023

To,
The Additional Director (S),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra-440 001.

Subject :- Submission Six Monthly Post Environment Clearance Compliance Report
(January to June 2023) for M/s Mula S. S .K. Ltd. at Post Sonai, Tal.-Newasa,
Dist.-Ahmednagar, and Maharashtra.

References:

- Expansion of Sugar unit from 3500TCD to 5500TCD, Cogeneration from 14MW to 30 MW and Distillery from 30KLPD to 45KLPD, environment Clearance Letter No. J-11011/131/2014-IA. II (I), Dated 22nd January, 2016
- Sugar Unit expansion from 5500 TCD to 7500 TCD, Environment Clearance Letter SEIAA-EC-0000002266 dated 24.06.2020.
- Expansion of Distillery from 45 KLPD to 100 KLPD, environment clearance No. EC21B022MH180755 dated 2.11.2021.

Dear Sir,

With reference to the above subject, we are submitting the Current Status, data sheet, monitoring report and point wise clearance compliance status to various stipulations laid down in environment clearance of sugar, cogeneration and distillery with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Faithfully,

(S.S.Belhekar)

Managing Director
Mula S.S.K Ltd., Sonai

Encl: compliance report

CC:

1. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
2. Sub Regional Officer, Maharashtra Pollution Control Board, Ahmednagar.
3. Principal Secretary, Environment Department, Government of Maharashtra, Mumbai.

SIX MONTHLY COMPLIANCE REPORT

SUGAR, COGENERATION AND DISTILLERY PROJECT

**AT POST: SONAI, TAL. -NEWASA,
DIST.-AHMEDNAGAR, AND MAHARASHTRA
OF**

**M/S MULA SAHAKARI SAKHAR KARKHANA
LIMITED**

- Sugar, Cogeneration and distillery Project: Environment Clearance Letter No. J-11011/131/2014-IA. II (I), Dated 22nd January, 2016
- Sugar Expansion: Environment Clearance Letter SEIAA-EC-0000002266 dated 24.06.2020.
- Distillery Expansion: environment clearance No. EC21B022MH180755 dated 2.11.2021.

Submitted to

**Regional Office,
Ministry of Environment and Forest, climate Change
(MOEF &CC),
Ground Floor, East Wing, New Secretariat Building, Civil
Line, Nagpur- 440001**

JANUARY - JUNE 2023

***ENVIRONMENT
CLEARANCE***

J-11011/131/2014-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road,
New Delhi -110003

E-mail: lk.bokolia@nic.in
Telefax: 011-24695313
Dated: 22nd January, 2016

To,
The Managing Director
M/s Mula SSK Ltd.
Post Sonai, Taluka Newasa
District Ahmednagar – 414105

Email.: mulassk@yahoo.co.in Fax.: 231307

Subject: Expansion of Sugar Unit (from 3500 TCD to 5500 TCD) Molasses based Distillery (30 KLPD to 45 KLPD) and Cogeneration Power Plant (from 14 MW to 30 MW) at Post Sonai, Taluka Newasa, District Ahmednagar, Maharashtra by M/s Mula SSK Ltd.- Environmental Clearance reg.

Ref.: Your online proposal no. IA/MH/IND2/28959/2014 dated 3rd July, 2015.

Sir,
This has reference to your online proposal no IA/MH/IND2/28959/2014 dated 3rd July, 2015 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report regarding above mentioned project.

2.0 The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that proposal is for expansion of Sugar Unit (from 3500 TCD to 5500 TCD) Molasses based Distillery (30 KLPD to 45 KLPD) and Cogeneration Power Plant (from 14 MW to 30 MW) at Post Sonai, Taluka Newasa, District Ahmednagar, Maharashtra by M/s Mula SSK Ltd. Plot area is 280.14 acres of which area earmarked for greenbelt is 110 acres. It is reported that no national park/ wildlife sanctuary/ coral formation reserve is located within 10 km distance. River Mula is flowing at a distance of 17 Km. Cost of project is Rs. 283.57 Crore. Out of which ,Rs. 22 Crore and Rs. 7.9 Crore per annum are earmarked towards capital cost and recurring cost per annum for implementation of EMP. Following is the configuration of the unit:

S.N.	Unit	Existing	Additional	Total after Expansion
1	Distillery	30 KLD	15 KLD	45 KLD
2	Sugar	3500 TCD	2000 TCD	5500 TCD
3	Co-generation Power Plant	14	14	30 MW

Distillery, Co-generation power plant and sugar unit will be operated for 270 days, 210 days and 180 days in a year respectively.

3.0 Electrostatic Precipitator (ESP) alongwith adequate stack height will be provided to additional bagasse fired boiler (85 TPH) to control particulate emissions. Total fresh water requirement from irrigation Department, Govt. of Maharashtra in the distillery, sugar unit and co-generation plant will be 309 m³/day,



555 m³/day and 308 m³/day respectively after expansion. Spent wash generation will be 360 m³/day. Spent wash will be treated in bio-digester followed by MEE. Concentrated treated spentwash will be bio-composted with press mud. Effluent from sugar unit, Co-generation and condensate will be treated in the effluent treatment plant (ETP) comprising biological treatment followed by tertiary treatment viz. reverse osmosis (RO). Treated effluent will be recycled/reused for cooling tower make up, boiler feed water, process water etc. Sewage will be treated in the sewage treatment plant (STP). No effluent will be discharged outside the plant premises and 'Zero effluent discharge concept will be followed. Spent wash holding tank capacity will be for 30 days. Tank shall be made with RCC. Ash from bagasse will be used for composting making.

4.0 Public Hearing / Public Consultation meeting was conducted on 10th March, 2015.

5.0 All molasses based distilleries are listed at S.N. 5(g) (i) under category 'A' and appraised at Central level.

6.0 The proposal was considered by the Expert Appraisal Committee (Industry) in its meetings held during 30th July, 2015-1st August, 2014 and 30th November, 2015-1st December, 2015 respectively. Project Proponent and the EIA Consultant namely M/s Ultra Tech., have presented EIA / EMP report as per the TOR. EAC has found the EIA / EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, 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) Environment clearance accorded is for molasses based distillery unit (45 KLPD) only and no grain based distillery unit shall be operated without prior permission from the Ministry.
- ii) As proposed, Electrostatic precipitator (ESP) alongwith stack of adequate height should be provided to bagasse/biogas fired boiler to control particulate emissions within 50 mg/Nm³. At no time, the emission levels shall go beyond 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.
- iii) In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits prescribed by Maharashtra Pollution Control Board (MPCB).
- iv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- v) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the MPCB. The levels of PM₁₀, PM_{2.5}, SO₂, NO_x, CO and HC (Methane) in ambient air shall be

monitored and displayed at a convenient location near the main gate of the company and at important public places.

- vi) Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery to avoid fugitive emissions.
- vii) Total fresh water requirement from irrigation Department, Govt. of Maharashtra shall not exceed 309 m³/day for distillery (Molasses), 308 m³/day for sugar unit and 555 m³/day for cogeneration unit after expansion. No ground water shall be used without permission. Effort shall be made to use recycled water from sugar and condensate of MEE for the co-generation power unit.
- viii) Spent wash generation from molasses based distillery shall not exceed 8 Kl/Kl of alcohol. The spent wash from molasses based distillery shall be treated in bio-methanation reactor. Treated spent wash will be evaporated in MEE and concentrated spent wash will be bio-composted by mixing with press mud generated from sugar unit to achieve 'Zero' discharge. Effluent from sugar, spentlees, utilities effluent and evaporator Condensate shall be treated in effluent treatment plant and recycled/reused in process. No effluent shall be discharged outside the premises and 'Zero' discharge shall be maintained.
- ix) Wastewater generation from the sugar unit shall not exceed 100 litres per tonne of cane crushed. Effluent from sugar unit shall be treated in the effluent treatment plant.
- x) Spent wash shall be stored in impervious pucca lagoons (RCC) 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 30 days capacity.
- xi) 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 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 Ministry's Regional Office at Bhopal and MPCB.
- xii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- xiii) Company shall ensure the quality and marketability of bio-compost produced by distilleries by standard labelling such as 'AGMARK'.
- xiv) As proposed, no effluent from distillery and co-generation power plant shall be discharged outside the plant premises and Zero discharge shall be adopted.
- xv) Continuous online (24 x7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided to the respective RO of MEF&CC and SPCB.
- xvi) Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing alongwith the storm water. Direct exposure of workers to fly ash & dust shall be avoided. Bagasse ash and coal ash shall be stored separately.



- xvii) Bagasse/rice husk storage should be done in such a way that it does not get air borne or fly around due to wind.
- xviii) Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- xix) Risk Assessment should be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bhopal within six months.
- xx) Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the regular medical test records of each employee should be maintained separately.
- xxi) Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
- xxii) All the issues raised during the public hearing/consultation meeting held on 10th March, 2015 should be satisfactorily implemented.
- xxiii) As proposed, green belt over 110 acres of land shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xxiv) At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.
- xxv) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB), State Government and any other statutory authority.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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 to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the MPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.

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- iv. 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).
- v. The Company 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.
- vi. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- vii. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.
- viii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- ix. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- x. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
- xi. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiii. The company shall earmark sufficient funds for recurring cost per annum 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 earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xiv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.
- xv. 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, the respective Zonal Office of CPCB and the Maharashtra Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xvi. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the UP 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 Bhopal Regional Offices of MoEF by e-mail.

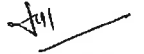
xvii. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall be advertised within 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 concerned Regional Office of the Ministry.

xviii. 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.

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

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

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.



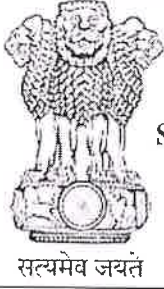
(Lalit Bokolia)
Additional Director

Copy to :-

1. The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
2. The Chief Conservator of Forests (Central), Kendriya Paryavaran Bhavan, Link Road No.3, Bhopal-462016.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi.
6. Guard File/Monitoring File/Record File.



(Lalit Bokolia)
Additional Director



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: June 24, 2020

To,
M/s Mula Sahakari Sakhar Karkhana Ltd at Sonai, Tal Newasa, Dist Ahmednagar
at At post Sonai

Subject: Environment Clearance for Expansion of Sugar Unit 5500 TCD to 7500 TCD at Sonai, Tal Newasa, Dist Ahmednagar by M/s Mula Sahakari Sakhar Karkhana Ltd

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 163rd 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 195th meetings.


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

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

1.Name of Project	Expansion of Sugar Unit 5500 TCD to 7500 TCD at Sonai, Tal Newasa, Dist Ahmednagar by M/s Mula Sahakari Sakhar Karkhana Ltd
2.Type of institution	TOR
3.Name of Project Proponent	M/s Mula Sahakari Sakhar Karkhana Ltd at Sonai, Tal Newasa, Dist Ahmednagar
4.Name of Consultant	Ultra-Tech (Environment Consultancy & Laboratory)
5.Type of project	Industry
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project through modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC obtained for Distillery unit -45 KLPD, Co-Gen Power Plant-30 MW and Cane crushing capacity - 5500 TCD from EAC vide Letter No. J-11011/131/2014-IA II (I) dated 22.01.2016
8.Location of the project	At post Sonai
9.Taluka	Newasa
10.Village	Sonai
Correspondence Name:	Mr. Sarangdhar Bhikaji Tombre
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	Mula SSK Ltd.
Locality:	Sonai, Taluka Newasa
City:	District Ahmednagar
11.Whether in Corporation / Municipal / other area	Sonai Gram Panchayat
12.IOD/IOA/Concession/Plan Approval Number	Industrial Safety & Health (Nashik Divison) IOD/IOA/Concession/Plan Approval Number: Plan /832000 dated 05.01.2001. Approved Built-up Area: 2762

SEIAA Meeting No: 195 Meeting Date: March 14, 2020 (SEIAA-
STATEMENT-0000000729)
SEIAA-MINUTES-0000003150
SEIAA-EC-0000002266

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Shri. Anil Diggikar (Member Secretary
SEIAA)

13.Note on the initiated work (If applicable)	Work not initiated for the proposed project
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1133686.36 m2
16.Deductions	Not applicable
17.Net Plot area	1133686.36 m2
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.): 2762
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)	134300
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	11.85% of Net plot area
21.Estimated cost of the project	110000000

22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sugar	5500 TCD	2000 TCD	7500 TCD
2	Distillery	45 KLPD	00	45 KLPD
3	CO gen	30 MW	0	30 MW

23. Total Water Requirement

Dry season:	Source of water	Mula Right Bank Canal
	Fresh water (CMD):	760 m3/day
	Recycled water - Flushing (CMD):	NIL
	Recycled water - Gardening (CMD):	NIL
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	7677 m3/day
	Fire fighting - Underground water tank(CMD):	40 m3
	Fire fighting - Overhead water tank(CMD):	10 m3
	Excess treated water	NA
Wet season:	Source of water	Mula Right Bank Canal
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NIL
	Recycled water - Gardening (CMD):	NIL
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NIL
	Fire fighting - Underground water tank(CMD):	40 m3
	Fire fighting - Overhead water tank(CMD):	10 m3
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	--	--	45	--	--	5	--	--	40
Industrial Process	--	--	6700	--	--	364	--	--	6336
Cooling tower & thermopack	--	--	977	--	--	93	--	--	884

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	21 m
	Size and no of RWH tank(s) and Quantity:	50 m3 (2 no)
	Location of the RWH tank(s):	Near reservoir tank
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 15.7 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 1 Lakhs/Annum
	Details of UGT tanks if any :	Domestic UG tank Capacity:NA Flushing UG tank Capacity: NA Fire fighting: Reservoir Rainwater harvesting Tank: 100m3

26.Storm water drainage	Natural water drainage pattern:	Sloping from North-to SE
	Quantity of storm water:	NA
	Size of SWD:	NA

27.Sewage and Waste water	Sewage generation in KLD:	40 m3/day
	STP technology:	Conventional Soak pit (Proposed STP - MBBR)
	Capacity of STP (CMD):	50 m3 (Proposed)
	Location & area of the STP:	Near to toilet block
	Budgetary allocation (Capital cost):	Rs. 23 Lakhs
	Budgetary allocation (O & M cost):	Rs. 3.2 Lakhs/Annum

28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Negligible
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	150 kg/day
	Wet waste:	450 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	6 Kg/ day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Sale to authorized recycler
	Wet waste:	pit composting (existing)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Organic Mannuro
	Others if any:	NA
Area requirement:	Location(s):	Compost pit Near Canteen
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 1 lakh
	O & M cost:	0.5 lakh

29. Effluent Characteristics					
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	NA	4.90-5.60	7.30-7.60	6.5-8.5
2	B.O.D	mg/lit	1800-2300	60-70	Max. 100
3	C.O.D	mg/lit	3500-3800	165-170	Max. 250
4	T.S.S	mg/lit	500-600	55-65	Max. 100
5	Oil and grease	mg/lit	15-18	2-3	Max. 10
Amount of effluent generation (CMD):		630 m ³			
Capacity of the ETP:		Sugar ETP - 700 m ³ Primary ETP - 130 m ³			
Amount of treated effluent recycled :		630 m ³			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		For Sugar ETP: Activated sludge process by adopting diffused aeration system. For primary ETP: Chemical Precipitation separation for cooling and DM effluent			
Disposal of the ETP sludge		Composted and used as manure			

30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/ spent oil	5.1	MTA	2.7	0	7.8	Sale to authorized party approved by MPCB

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 1- 80 TPH	Bagasse	1	70	2.95	150
2	Boiler 2 - 85 TPH	Bagasse	1	75	3.50	150

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Bagasse	66.66	16.67	83.33

33. Source of Fuel: Own unit

34. Mode of Transportation of fuel to site: NA

35. Energy

Power requirement:	Source of power supply :	Own and MSEDCI.
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	8.5 MW
	During Operation phase (Demand load):	NA
	Transformer:	27500 KVA (M.S.E.D.C.L.)
	DG set as Power back-up during operation phase:	500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

New boiling house will optimize the energy use.

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
---------------	------------------------------	----------

1	NA	NA
---	----	----

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set - existing	Stack provided -	existing stack is sufficient
ETP- existing	Sugar ETP - 700 m3 Primary ETP - 130 m3	existing ETP is sufficient
Boiler 1 - existing	ESP	existing ESP is sufficient
Boiler 2- existing	ESP	existing ESP is sufficient
STP	--	proposed STP 50 m3
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air	ESP -Existing	200	5
2	Water	ETP-Existing	175	21
3	Socio-Eco	Occupational Health Centre & ECC - Existing	130	14
4	Waste	Solid and Hazardous Waste Disposal & Transportation - Existing	30	9
5	Land	Gardening-Existing	35	12
6	Env Management	Monitoring and EM Cell -Existing	32	27
7	STP	STP - Proposed	23	3.2

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
Sulphuric acid/ sulphur	Existing	Existing	120 TPM	--	--	--	--
Molasses	Existing + proposed	At site	Existing -4200,4200,4200,8000 1 proposed 4200	--	--	--	--

40. Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5(j)
	Court cases pending if any	NA
	Other Relevant Informations	We have received Environmnet Clearance for Distillery unit -45 KLPD, Co-Gen Power Plant-30 MW and Cane crushing capacity - 5500 TCD from EAC vide Letter No. J-11011/131/2014-IA II (I) dated 22.01.2016. Now seeking for modernization in boiling house for expansion of sugar unit from 5500 TCD to 7500 TCD.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 195th 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 ensure zero liquid discharge.
II	PP to note the observations made by the Regional Office of MoEF&CC and ensure its strict complinace.
III	PP to form competent Envirmental Management Cell to ensure compliance of the conditions stipulated in the Environmental Clearance letter.
IV	PP to ensure that phasewise 100% sugarcane cultivation in their jurisdiction is brought under drip irrigation.
V	PP to adopt improved and modern technologies for sugarcane cultivation so as to enhance per hactor productivity instead of bringing additional area under sugarcane cultivation to meet proposed crushing capacity.
VI	PP to prepare and implement CER plan in consultation with District Collector as per OM issued by MoEF&CC dated 01.05.2018.
VII	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector
VIII	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
IV	Proper Housekeeping programmers shall be implemented.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
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	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.

IX	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
XI	The overall noise levels in and around the plant are 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.
XII	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XV	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-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 reported to the MPCB & this department.
XX	The project management 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
XXIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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.


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER AURANGABAD
11. MUNICIPAL COMMISSIONER SATARA
12. REGIONAL OFFICE MPCB AURANGABAD
13. REGIONAL OFFICE MPCB PUNE
14. REGIONAL OFFICE MIDC AURANGABAD
15. REGIONAL OFFICE MIDC PUNE
16. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
17. COLLECTOR OFFICE PUNE
18. COLLECTOR OFFICE JALNA
19. COLLECTOR OFFICE AURANGABAD
20. COLLECTOR OFFICE LATUR
21. COLLECTOR OFFICE SATARA
22. COLLECTOR OFFICE SOLAPUR
23. COLLECTOR OFFICE NANDED

- 24. COLLECTOR OFFICE OSMANABAD
- 25. COLLECTOR OFFICE HINGOLI
- 26. COLLECTOR OFFICE PARBHANI
- 27. COLLECTOR OFFICE BEED



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Maharashtra)

To,

The MD
MULA SAHAKARI SAKHAR KARKHANA LTD
Sonai, Tal- Newasa, Dist- Ahmednagar -414105

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/IND2/63062/2014 dated 12 May 2021. The particulars of the environmental clearance granted to the project are as below.

1. **EC Identification No.** EC21B022MH180755
2. **File No.** SIA/MH/IND2/63062/2014
3. **Project Type** Expansion
4. **Category** B1
5. **Project/Activity including Schedule No.** 5(g) Distilleries
6. **Name of Project** Environmental Clearance for Proposed Expansion of Distillery Project from 45 KLPD to 100 KLPD at Post - Sonai, Tal- Newasa, Dist-Ahmednagar, Maharashtra by M/S Mula Sahakari Sakhar Karkhana LTD.
7. **Name of Company/Organization** MULA SAHAKARI SAKHAR KARKHANA LTD
8. **Location of Project** Maharashtra
9. **TOR Date** 04 Jan 2021

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 02/11/2021

(e-signed)
Manisha Patankar Mhaiskar
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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and Virtuous Environmental Single-Window Hub)



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/63062/2014
 Environment & Climate Change
 Department
 Room No. 217, 2nd Floor,
 Mantralaya, Mumbai- 400032.
 Date:

To
 M/s. Mula Sahakari Sakhar Karkhana LTD.,
 Post - Sonai, Tal-Newasa, Dist-Ahmednagar

Subject : Environmental Clearance for Proposed Expansion of Distillery Project from 45 KLPD to 100 KLPD at Post - Sonai, Tal-Newasa, Dist-Ahmednagar by M/s. Mula Sahakari Sakhar Karkhana LTD.

Reference : Application no. SIA/MH/IND2/63062/2014

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 205th meeting under screening category 5(g) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 231st Part B meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr No.	Particulars	Details																				
1	Name of the project & Address along with all corner latitude and longitude	<p>PROPOSED EXPANSION OF DISTILLERY PROJECT FROM 45 KLPD TO 100 KLPD AT SONAI, TAL. – NEWASA, DISTRICT – AHMEDNAGAR, MAHARASHTRA BY M/S. Mula Sahakari Sakhar Karkhana Ltd, At- Post - Sonai, Tal-Newasa, Dist - Ahmednagar, Pin- 414105, Maharashtra</p> <table border="1"> <thead> <tr> <th>Sr No</th> <th>Direction</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>North</td> <td>19°23'16.32"N</td> <td>74°50'1.04"E</td> </tr> <tr> <td>B</td> <td>East</td> <td>19°23'1.13"N</td> <td>74°50'33.72"E</td> </tr> <tr> <td>C</td> <td>South</td> <td>19°22'28.49"N</td> <td>74°50'26.11"E</td> </tr> <tr> <td>D</td> <td>West</td> <td>19°22'53.50"N</td> <td>74°49'54.77"E</td> </tr> </tbody> </table>	Sr No	Direction	Latitude	Longitude	A	North	19°23'16.32"N	74°50'1.04"E	B	East	19°23'1.13"N	74°50'33.72"E	C	South	19°22'28.49"N	74°50'26.11"E	D	West	19°22'53.50"N	74°49'54.77"E
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D	West	19°22'53.50"N	74°49'54.77"E																			
2	Type of Organization (Private / Government / Semi - Government etc.)	Cooperative																				

3	Correspondence Address and contact details of Project Proponent	Shri. S. S Belhekar , Managing Director, Post : Sonai, Taluka Newasa, District Ahmednagar, Maharashtra state, Maharashtra
4	Type of project (ToR/ EC/ Amendment in ToR/ Amendment in EC/ Revalidation/ Expansion/ Process change etc.)	Expansion
5	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2 etc. whichever is applicable)	5 (g) – “Distilleries ”Category “B1”
6	If earlier ToR is obtained pl. mention details (ToR letter No.& Date, SEAC/EAC Meeting No.)	SIA/MH/IND2/59573/2021 dated 4 th January 2021
7	If earlier EC is obtained pl.mention EC Number & Date	<ul style="list-style-type: none"> • Environment Clearance for 5500TCD, 30 MW cogeneration power and 45 KLPD molasses based distillery MoEF&CC vide letter No. J- 11011/131/2014-IA II (I) dated 22.01.2016). • Environment Clearance of Expansion of 5500 TCD to 7500 TCD sugar unit obtained from SEIAA, Maharashtra on June 24, 2020.
8	Whether the proposal is a violation case (yes/no)	No
9	Applicability of CRZ clearance (yes /no)	No
10	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No
11	Whether Scrutiny fees paid as per SEIAA guidelines(Yes/No); If yes pl give payment details	Yes Payment details – Payment of Rs. 400000/-from Union Bank of India (UTR No. UBINH 290796828 dated 02/06/2021)
12	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	M/s Ultra-Tech Environmental Consultancy & Laboratory, Thane - Pune, Accredited by QCI-NABET vide No. - NABET/EIA/2023/RA 0194 Valid Till – March 09-2023
13	Name of layout plan approving Authority	Factory Inspector

14	Estimated cost of Project (in Rs. Lakhs)	Rs.8254.68 lakh				
15	Area of project (in Sq.m.)	1152132.37 Sq. m				
16	Whether 33% green belt is provided (Yes/No)	Yes				
17	Area of Green Belt & No. of trees in the proposed project in Sq.m. (Pl. provide 2000 trees per hectare of green belt area)	383083.31Sq.m 60668 trees of 82 species are planted in the factory premises.				
18	Width of internal roads and turning radius	Minimum 6 m width & 9m Turning radius				
19	Details of proposed construction	Proposed 22980.02 Sq.m for Distillery				
20	List of Raw materials & Storage Details (Pl. add on in the list if necessary)					
	Sr. No.	Raw Material & Chemicals	Unit	Quantity		
	A	C- Molasses (FS 42%) for 45 KLPD or	TPD	180		
			TPA (270days)	48600		
		B- Heavy for 45 KLPD (FS 60%)	TPD	150		
			TPA (270 days)	39000		
	B	C Molasses based Distillery (55 KLPD)				
		Molasses (FS – 42%)	TPD	234		
			TPA(330days)	72600		
		B- Heavy for 55 KLPD (FS 60%)	TPD	183		
			TPA(330days)	60390		
		Nutrient-Urea	Kg/day	300		
		Caustic(Lye 47%)	Kg/day	720		
		TRO	Kg/day	150		
		Yeast	Kg/day	30		
21	Production Details					
	Sr. No.	Name of Product	Existing capacity	Proposed capacity	Total capacity	Name of product approving authority (like FDA of pharmaceuticals etc.)
	1.	Rectified Spirit Or ENA and T.A. Or Anhydrous Ethanol from R.S	45 KLPD	55 KLPD	100 KLPD	--
	2.	Power	-	2MW	2MW	--

22	<p>Water Consumption & Effluent generation (All units in CMD)</p> <p>i) Source & Qty of water requirement (in CMD) : From Mula Right bank canal, 1144 CMD</p> <p>ii) Water supply permission obtained (Yes/No) & approving Authority: Yes, Permission of Irrigation Department is obtained.</p> <p>Distillery :</p> <ul style="list-style-type: none"> • For 45 KLPD distillery : fresh water 309 M3/day • For 55 KLPD distillery : Fresh water 835 M3/day <p>Detailed water balance enclosed</p>			
23	Quantity of sewage generation(in CMD)	10		
24	Details of Sewage Treatment and Disposal of treated sewage	Septic tank		
25	Detail of Effluent Generation (unit CMD)			
	Particulars	Existing	Proposed	Total
	a)Qty. of Effluent generation: (CMD)	481 (Spent wash 360CMD, Spent lees 69 CMD, washing 8 CMD Process Condensate 351 m ³ /day, WTP Blowdown 39 m ³ /day, Cooling Tower Blow down 22 m ³ /day)	782 (Spent wash 475 CMD, spent lees 147 CMD, WTP Reject 125 CMD , Boiler Blowdown 10 , Cooling Tower blow down 25 CMD	1263 CMD
	b)Qty. of high TDS/COD effluent: (CMD)	--	--	-
	c)Qty. of low TDS/COD effluent: (CMD)	--	--	--
26	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Yes		
27	Brief Description of Effluent Treatment scheme	<p>Existing distillery: Spent wash Treatment consists of bio- methanation, followed by concentration of biomethanated spent wash and is to be achieved by installing MEE unit.</p> <p>For Expansion: MEE followed by Incineration Boiler</p>		

28	Qty of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)		NA			
29	Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB					
		PARAMETER	Inlet	Treated Effluent		
		Flow (m ³ /Day)	300	300		
		Temperature	55 ⁰ c	30 ⁰ c		
		pH (S U)	4.0 – 4.5	7 – 8		
		BOD (mg/l)	2,000	Less than 100 mg/L		
		COD (mg/l)	4,000	Less than 200 mg/L		
		TDS	<3,000	Less than 300 mg/L		
		TSS	-	NIL		
30	Brief Note on proposed Rainwater harvesting scheme along with budget allocation:					
	<p>Rainwater harvesting scheme is Prepared.</p> <p>We are recharging around 11.20 lac liter of water recharge into ground with providing 20 number of recharge pits and bore wells.</p> <p>Also, we are proposed multiple number of rain water harvesting tank for water collection and storage of rain water, capacity around 3363.00 M3 & 1930.00 M3 with water depth of 3.0M.</p> <p>Also we are using natural existing streams/nalla for storm water discharge according to existing contour with provision of pipe drain as well.</p> <p>Budget for Rain water harvesting for distillery : 25 lakhs</p>					
31	Solid Waste Management					
	Sr No	Type of Waste	Qty.	Source of generation	Disposal method	Pl. Mention plan to reduce solid waste generation if any
	1.	Domestic waste	0.15 TPD		Factory farm	Bio composting area is totally lined with RCC

	2.	Distillate on residue	0.2TPM	Process	Will be mixed with Bagasse & burnt in boiler	as per CPCB and MPCB guidelines. The generated ash along with press mud directly sold farmers as a manure. Balanced ash will be sold to brick manufacturers unit. The spent wash will be concentrated in MEE followed by Incineration and condensate will be treated in CPU and used for industrial use. Measures will be taken to minimize waste soil generation. Construction waste material will be recycled.		
	3.	Bagasse ash	47.00TPD	Boiler	Will be used as soil conditioner			
	4.	Potash rich ash	47.08TPD		Will be used as soil conditioner			
32	Hazardous Waste Generation & Disposal (As per HW Rule 2016)							
	Sr. No.	Type of waste	Quantity		Total	Unit	Category	Disposal
			Existing	Proposed				
	1	Used / Spent Oil	0.25	0.50	0.75	MT/M	5.1	Would be mixed with Bagasse & burnt in boiler
33	Fuel Consumption			Concentrated Spent wash: 6.2 TPH Bagasse: 1.750 TPH Coal : 1.850 TPH				
34	Brief Note on Air Pollution Control equipment's			Proposed to provide ESP and 75 m stack for 22 TPH Boiler				
35	Stack Details (Also include process vent details)							
	Sr.No	Section	Source Pollution	Stack No.	Stack Height	Height from ground	Internal Diameter	Temperature of exhaust Gas

1.	Distillery	Boiler 22TPH- Proposed	1	75	75	2.0 m	160
2.		DG Set 500 KVA- Existing	1	4m	4m	0.02 m	450
36	Energy:-						
	a) Source of power Supply : own cogeneration unit b) Maximum Demand (KVA) : 1455Kw/hr. c) whether DG sets will be provided (Yes/No): yes If yes d) Please Mention if high tension line is passing through the plot : Yes /No - NO If yes, pl. give details of safety measures adopted: NA						
37	Details of use of renewable energy with budget allocation i) Total Energy Demand - 1455Kw/hr. ii) Proposed renewable energy source capacity - NA iii) Proposed Budget (in Rs. Lakhs): NA Timeline for implementation						
38	Details of public hearing (if applicable): yes Public hearing Conducted ta Project site i) Place of public hearing :project site ii) Date of public hearing:19 th March 2021 iii) Please fill following details						
	Issue raised during public hearing		Applicant plan for its compliance/ implementation		Budget. allocation for implementation		Specific timeline of compliance
	Shri. Vitthal Baburao Shinde, Resident — Kharvandi, Tal — Newasa, Dist —Ahmendnagar The good presentation is given. But which benefits the farmers will get due to the proposed expansion of the project?		Project Environment Consultant informed that the expansion of the distillery project will be from 45.0 KLPD to 100.0 KLPD. The Central Government has declared certain new policies. The mixing of Ethanol with Petrol is one if it. Now the target is of 5% of mixing of Ethanol with Petrol. In 2025, it is planned up to 10%. We can produce Rectified Spirit (RS), Ethanol from the molasses of the sugar factory and after its		-		-

		<p>sale, the factory will get additional profit/money. Hence, the project proponent will be able to give additional rate to the local farmers for their Sugar cane crop. We have planned that after expansion, Ethanol will be produced from Molasses and sugarcane Juice also. It will help to increase the rate of Sugarcane crop, which will be beneficial to the local farmers</p>		
	<p>Shri Uddhav Bhanudas Tandale, Resident — Ganeshwadi, Tal — Newasa Dist.— Ahmednagar</p> <p>Though this expansion of the project will be beneficial to farmers, how much fresh water will be required for this project? Whether approval from the Government is, obtained?</p>	<p>Project Environment Consultant answered that at present the fresh water Requirement is 309.0 M3/day. After expansion, the fresh water requirement will be 835.0 M3/day. The permission from the Irrigation Department is already obtained.</p>	<p>Permission obtained from irrigation department</p>	
	<p>Shri Prasad Harkale, Resident — Sonai, Tal- Newasa, Dist — Ahmendnagar</p> <p>There is no doubt that the expansion of the project will be beneficial to the farmers only. But for the expansion of the project, how much will it cost overall?</p>	<p>Environment Consultant answered that this project will be ZLD (Zero Liquid Project) project. Here for Distillery, Boiler, MEE (Multi Effective Evaporator) and CPU (Condensing Polishing Unit), it will cost around 82.24 Crores.</p>	<p>Cost for MEE, ESP CPU 682 lakh</p>	

	<p>Shri Balasaheb Tukaram Sonawane, Resident — Hingoni, Tal — Newasa, Dist — Ahmednagar:- In how many days the expansion will be completed?</p>	<p>Here, Member, of the Environment Public Hearing Committee remarked that the answer should be given by Managing Director or Chief Engineer of the project. The Managing Director answered that the modernization and expansion will be completed around 12 months.</p>		
	<p>Shri Dattatraya Mithu Nimse, Resident - Sonai, Tal — Newasa, Dist - Ahmednagar This meeting is called for the expansion of the distillery project from 45.0 KLPD to 100.0 KLPD. This is definitely creditable for our taluka. He asked that after expansion, what steps have been planned to control air pollution?</p>	<p>Project Environment Consultant answered that new Boiler will be installed after expansion to avoid air pollution. The proposed boiler will be of 22.0 TPH capacity for which bagasse and coal will be used as fuel. The stack with the height of 75.0 meters will be installed to the 22.0TPH boiler to avoid air pollution. The Electro Static Precipitator (ESP) will be installed to the stack to control the air pollution. The utmost care will be taken to discharge in the prescribed limits as specified by theMPCB. Here Convener and Member of the Environment Public Hearing Committee expressed the opinion that nothing is mentioned in the Presentation regarding the boilers which are in operation. At this moment, Managing Director of the Project informed that both the</p>	<p>ESP cost 120 lakh</p>	

		<p>boilers have been provided the ESP to control air pollution and ESP will be provided to the new boilers also.</p> <p>Member, Environment Public Hearing Committee here remarked to Shri.Nimse that satisfactory answer is given to his question by the Project Proponent.</p>		
	<p>Shri Nanasaheb Resident— Shingqnapur, Newasa, Ahmednagar</p> <p>Vikas Banakar, Shani Tal.— Dist.-</p> <p>It is informed here that after expansion, modern technology will be adopted to treat the spent wash. Then whether local agriculturists will get compost?</p>	<p>Environment Consultant answered that after expansion, there will not be any composting activities. But in the existing project, composting will be carried as per previous practice. Hence, farmers will get the compost.</p> <p>At this moment, Member, Environment Public Hearing Committee asked whether both activities will be continued by the Project Proponent? The environmental consultant answered in the affirmative. In the old Distillery Unit, composting will be continued and in the new Distillery, incineration will be carried. The affirmative answer is given by the Project Proponent to Member, Environment Public Hearing Committee, when he asked whether incineration only will be carried in the 55.0 KLPD Distillery and not composting.</p>		

	<p>At this moment, Member, Environment Public Hearing Committee asked how much composting will be carried and asked to read the directives issued in the previous Environment Clearance. Convener, Environment Public Hearing Committee asked whether composting will be carried in season and in off-season.</p>	<p>Here Environment Consultant answered that the old 45 KLPD Distillery Unit will be in operation for 270 days and new 55 KLPD Distillery Unit will be in operation for 300 days. Member, Environment Public Hearing Committee here remarked that composting is not allowed in the rainy season. Convener, Environment Public Hearing Committee here remarked that there should be a clear cut policy and asked whether 45 KLPD distillery unit has different ; production activities and treatment and whether 55 KLPD distillery unit has different , production activities and treatment? The Project Environment Consultant agreed that both have different production activities and treatment. Here again Convener further asked whether 45 KLPD distillery will be in operation for 270 days and 55 KLPD distillery will be in operation for 300 days? The Project Proponent agreed that it will be operated accordingly. At this moment, Member, Environment Public Hearing asked to read the directives issued during the previous EC.</p>		
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		<p>Environment Consultant answered that in the previous EC, the directives were Bio-Methazation followed by MEE followed by Composting. It is informed that the Boiler of Thermax will be installed.</p>		
	<p>Dr. P. M. Joshi, Member, Environment Public Hearing Committee Dr. Joshi remarked that nothing is mentioned in the Presentation regarding Odour, Nuisance. Whether any study is carried as Molasses do emit bad odour? The specific condition is prescribed in the TOR. He asked to give detailed explanation.</p>	<p>Environment Consultant answered that there will be Closed System. Also, the spent wash will not be stored more than five days. The HDPE lining and only five days storage will be carried as per the directives of Central Pollution Control Board. Previously, the spent wash used to store for 30 days. Now the storage tank has the, capacity of five days only.</p> <p>Member, Environment Public Hearing Committee asked to give information about the Odour Nuisance in the present 45 KLPD plant. He further asked whether Action Plan is prepared as per directives in the previous ToR and if the study is not carried, it should be carried immediately and Action Plan should be carried.</p>	-	

39	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation) Construction Phase						
Sr. No.	Attribute	Specific measure	Budget in (Rslakh)		Remark		
1	Ambient Air quality Monitoring	Project site and two samples out the factory	0.60		NA		
2	Noise level	Project site and two samples out the factory	0.25		NA		
3	Health checkup of workers	Labor health Checking	0.25		NA		
4	Air Pollution	Frequent watersprinkling	0.50		NA		
Operation Phase							
Sr no	Attribute	Specific measure	Budget in(Rs lakh)		Time line for 1/5 implement	Responsibility	Remark
			Capital	Recurring			
1.	Air Emission control						
		Stack	70.0	5.0	Install before operation (12 Mont) Shall be complete d during construct ion phase	Industry	NA
		ESP	120	10.0			NA
		CO ₂ Plant	300	5.0			NA
2.	Water & Wastewatermanagement						
		MEE	400	10.0			NA
		Condensate Polishing Unit (CPU)	150	10.0			NA
3.	Solid Waste Management		15	5.0	Install before operation (12 months)	Industry	NA
4.	Green Belt Development		-	5.0	-	Industry	NA
5.	Environment Monitoring (stack, Ambient Air, Water and Soil and Noise) and meteorology		-	3.60	-	Industry/ NABL or MOEF lab	NA

	6.	Rain Water Harvesting		25	2.0	Install before operation Shall be completed during construction phase	Industry	NA	
	7.	Health & Safety		5	1.0		Industry	NA	
	8.	Online Monitoring System		15	2.0	Install Before operation	Industry	NA	
		Total		1100.0	56.6				
40	Other Relevant Information : (Pl.provide brief note on proposed project)								
41	Details of skill development program within Organization					Industry shall provide adequate skill development courses as and when required			
42	Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)					Industry has Constituted environmental Monitoring Cell and same shall be incorporated in the EIA Report (organogram with educated Qualification and experience is given below)			
43	Details of court cases if pending in any Hon'ble court					Not any			

3. The proposal has been considered by SEIAA in its 231st Part B meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

SEAC Conditions-

1. PP to ensure compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance.
2. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.
3. PP to ensure to utilize entire CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.
4. PP to provide solar lights for the illumination of the area.

SEIAA Conditions

1. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees 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 Environment Clearance under expert guidance of Miyawaki experts / arborist.
2. PP to ensure that proposed expansion is ZLD.

- 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. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- 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.
- 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.
- 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.
- 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.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- 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, amended from time to time.

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

- 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. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- 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.
- 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.
- 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.
- 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.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- 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.

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7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

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-Manskar
(Member Secretary, SEIAA) 11/11/2021

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Ahmednagar.
7. Regional Officer, Maharashtra Pollution Control Board, Nashik.

PART A

PROJECT INFORMATION

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment, Forest and Climate Change
Regional Office (WCZ), Nagpur

DATA SHEET

- **Sugar Expansion (3500 TCD to 5500 TCD,**
- **Distillery 30KLPD to 45 KLPD &**
- **14MW to 30 MW Cogeneration Power Generation**

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Industrial Project (Sugar, Cogen and Distillery)
2.	Name of the project	:	"Mula SSK Ltd.
3.	Clearance letter (s) / OM No. and Date	:	<ul style="list-style-type: none"> • Sugar Cogeneration and distillery environment Clearance Letter No. J-11011/131/2014-IA. II (I), Dated 22nd January, 2016.
4.	Location	:	
	a. District (S)	:	Ahmednagar
	b. State (s)	:	Maharashtra
	c. Latitude/ Longitude	:	19°22'.45.39" N 74°50'22.42" E
5.	Address for correspondence	:	
	a. Address of Concerned Project Manager Chief Engineer (with pin code & Telephone / telex / fax number	:	Shri S.S.Belhekar Managing Director M/s. Mula SSK Ltd., at Post -Sonai, Tal.-Newsa, Ahmednagar.
	b. Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Shri S.S.Belhekar, Managing Director Mula S S K Ltd Sonai Tal.-Newsa, Ahmednagar. Tel -02427-231303,04,05,06 Fax-02427-231307 Email-mulassk@yahoo.co.in
6.	Salient features	:	
	a. of the project	:	<ul style="list-style-type: none"> • Sugar Expansion (3500 TCD to 5500 TCD, • Distillery 30KLPD to 45 KLPD & • 14MW to 30 MW Cogeneration Power Generation
	b. of the environmental management plans	:	<ul style="list-style-type: none"> • Emission Control Engineering • Water & wastewater management • Greening Drive • Environmental Monitoring
7.	Breakup of the project area	:	
	a. submergence area forest & non-forest	:	Not any
	b. Others	:	<ul style="list-style-type: none"> • Green Belt: 96 acre • Factory Sheds & buildings-12.25 acre • Open space, utilize for Bagasse storage, WTP, ETP, Molasses storage tank, Cooling tower, Spray pond, Switch yard & 15 days storage for ETP treated water-31.15 acre

8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	:	No
	a. SC, ST/Adivasis	:	No
	b. Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	No
9.	Financial details	:	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1. Estimated Cost of the Project	:	Sugar , Cogeneration and Distillery Expansion: 283.57 Cr
	b. Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Environmental Management Plan (EMP) During operational Phase: Capital Cost- Rs. 22 Cr O&M Cost: Rs. 7.9 Cr/annum
	c. Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d. Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e. Actual expenditure incurred on the project so far	:	--
	f. Actual expenditure incurred on the environmental management plans so far		
10.	Forest land requirement	:	
	a. The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b. The status of clearing felling	:	Not Applicable
	c. The status of compensatory afforestation, if any	:	Not Applicable
	d. Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Not Applicable
12.	Status of construction	:	Sugar & Cogeneration & distillery; Completed project is in operation
	a. Date of commencement (Actual and/or planned)	:	January 2016
	b. Date of completion (Actual and/or planned)	:	Sugar and Cogeneration: May 2016 Distillery: November 2021.
13.	Reasons for the delay if the Project is yet to start	:	Not applicable

14	Dates of site visits	:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:
	b.	Date of site visit for this monitoring report	: 23.06.2021
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)	:	Action taken report on 3 rd July 2021 submitted to RO, MOEF, Nagpur
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment, Forest and Climate Change
Regional Office (WCZ), Nagpur

DATA SHEET

• **Sugar Expansion (5500 TCD to 7500 TCD)**

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Industrial Project (Sugar, Cogen and Distillery)
2.	Name of the project	:	"Mula SSK Ltd.
3.	Clearance letter (s) / OM No. and Date	:	<ul style="list-style-type: none"> • Expansion Sugar environment clearance No. SEIAA EC-000002266 dated 24th June 2020.
4.	Location	:	
	a. District (S)	:	Ahmednagar
	b. State (s)	:	Maharashtra
	c. Latitude/ Longitude	:	19°22'.45.39" N 74°50'22.42" E
5.	Address for correspondence	:	
	a. Address of Concerned Project Manager Chief Engineer (with pin code & Telephone / telex / fax number	:	Shri S.S.Belhekar Managing Director M/s. Mula SSK Ltd., at Post -Sonai, Tal.-Newsa, Ahmednagar.
	b. Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Shri S.S.Belhekar, Managing Director Mula S S K Ltd Sonai Tal.-Newsa, Ahmednagar. Tel -02427-231303,04,05,06 Fax-02427-231307 Email-mulassk@yahoo.co.in
6.	Salient features	:	
	a. of the project	:	<ul style="list-style-type: none"> • Sugar Expansion (5500 TCD to 7500 TCD,
	b. of the environmental management plans	:	<ul style="list-style-type: none"> • Emission Control Engineering • Water & wastewater management • Greening Drive • Environmental Monitoring
7.	Breakup of the project area	:	
	a. submergence area forest & non-forest	:	Not any
	b. Others	:	<ul style="list-style-type: none"> • Green Belt: 96 acre • Factory Sheds & buildings-12.25 acre • Open space, utilize for Bagasse storage, WTP, ETP, Molasses storage tank, Cooling tower, Spray pond, Switch yard & 15 days storage for ETP treated water-31.15 acre
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	:	No

	a.	SC, ST/Adivasis	:	No
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	No
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1.	Estimated Cost of the Project	:	Sugar Expansion: 11.0 Cr
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Environmental Management Plan (EMP) During operational Phase: Capital Cost- Rs. 625 lakh (existing and expansion) O&M Cost: Rs. 91.2 lakh /annum (existing and expansion)
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	--
	f.	Actual expenditure incurred on the environmental management plans so far		
10.	Forest land requirement		:	
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, it any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Not Applicable
12.	Status of construction		:	Sugar expansion; Completed project is in operation
	a.	Date of commencement (Actual and/or planned)	:	July 2020
	b.	Date of completion (Actual and/or planned)	:	December 2020
13.	Reasons for the delay if the Project is yet to start		:	Not applicable
14	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	
	b.	Date of site visit for this monitoring report	:	-

15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)	:	
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment, Forest and Climate Change
Regional Office (WCZ), Nagpur

DATA SHEET

• **Distillery Expansion (45KLPD to 100 KLPD)**

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Industrial Project (Sugar, Cogen and Distillery)
2.	Name of the project	:	"Mula SSK Ltd.
3.	Clearance letter (s) / OM No. and Date	:	<ul style="list-style-type: none"> • Distillery Expansion environment clearance no. EC21B022MH180755 dated 2.11.2021.
4.	Location	:	
	a. District (S)	:	Ahmednagar
	b. State (s)	:	Maharashtra
	c. Latitude/ Longitude	:	19°22'.45.39" N 74°50'22.42" E
5.	Address for correspondence	:	
	a. Address of Concerned Project Manager Chief Engineer (with pin code & Telephone / telex / fax number	:	Shri S.S.Belhekar Managing Director M/s. Mula SSK Ltd., at Post -Sonai, Tal.-Newsa, Ahmednagar.
	b. Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	Shri S.S.Belhekar, Managing Director Mula S S K Ltd Sonai Tal.-Newsa, Ahmednagar. Tel -02427-231303,04,05,06 Fax-02427-231307 Email-mulassk@yahoo.co.in
6.	Salient features	:	
	a. of the project	:	Distillery Expansion (45KLPD to 100 KLPD)
	b. of the environmental management plans	:	<ul style="list-style-type: none"> • Emission Control Engineering • Water & wastewater management • Greening Drive • Environmental Monitoring
7.	Breakup of the project area	:	
	a. submergence area forest & non-forest	:	Not any
	b. Others	:	<ul style="list-style-type: none"> • Green Belt: 96 acre • Factory Sheds & buildings-12.25 acre • Open space, utilize for Bagasse storage, WTP, ETP, Molasses storage tank, Cooling tower, Spray pond, Switch yard & 15 days storage for ETP treated water-31.15 acre
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	:	No
	a. SC, ST/Adivasis	:	No

	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	No
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1.	Estimated Cost of the Project	:	Sugar Expansion: 82.54 Cr
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	Environmental Management Plan (EMP) During operational Phase: Capital Cost- Rs. 1100 lakh O&M Cost: Rs. 56.6 lakh /annum
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	--
	f.	Actual expenditure incurred on the environmental management plans so far		
10.	Forest land requirement		:	
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information		:	Not Applicable
12.	Status of construction		:	Distillery; Completed project is in operation
	a.	Date of commencement (Actual and/or planned)	:	November 2021
	b.	Date of completion (Actual and/or planned)	:	2022
13.	Reasons for the delay if the Project is yet to start		:	Not applicable
14.	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	
	b.	Date of site visit for this monitoring report	:	-
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to		:	

	safeguards Other than the routine letters for Logistic support for site visits)		
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	

PART B

COMPLIANCE

Of

CONDITIONS

In

**Environmental Clearance Letter no
11011/131/2014-IA.**

II (I) DATED 22.01.2016

**COMPLIANCE OF CONDITIONS
IN
ENVIRONMENT CLEARANCE NO -11011/131/2014-IA.
II (I) DATED 22.01.2016**

- Sugar Expansion 3500 TCD to 5500 TCD
- Distillery 30KLPD to 45 KLPD &
- 14MW to 30 MW Cogeneration Power Generation

Point wise compliance status to various stipulations laid down by the Ministry in its clearance letter No. J-11011/131/2014-IA.II (I) dated 22.01.2016 are as follows

Sr. No	Condition	Status
General Conditions:		
(i)	Environmental clearance accorded is for molasses-based distillery unit (45KLPD) only and no grain-based distillery unit shall be operated without prior permission from the Ministry.	Noted, 45 KLPD Distillery unit is based on molasses only.
(ii)	As proposed, Electrostatic precipitator (ESP) along with stack of adequate height should be provided to bagasse / biogas fired boiler to control particulate emissions within 50 mg/Nm ³ . At no time, the emission levels shall go beyond 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 deficiency.	Complying with Electrostatic precipitators with stack of height 70 meter and 75 meter were provided for the co-gen boilers of 80 TPH and 85 TPH capacities. Stack monitoring is being carried out regularly for 2 stacks of co-gen power plant and 1 stack of DG set. As per the monitoring data, the emission levels found to be within levels found to be within prescribed standards. Monitoring reports enclosed as annexure II
(iii)	In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling, & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw material storage area, etc. shall be regularly monitored and records shall be maintained. The emissions shall confirm to the limits prescribed by Maharashtra Pollution Control Board.	Complied, Following mitigation measures to control the fugitive emissions were implemented <ul style="list-style-type: none"> ➤ Green belt has been developed within project premises ➤ Production and bagging (packing) of sugar is in closed yard ➤ Bagasse is handled by by closed conveyer system ➤ Dust suppression system including water sprinkling system provided at loading and unloading areas to control dust emissions. ➤ Regular air quality monitoring regularly in the company premises.
(iv)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG set to mitigate the noise pollution.	Complied, Acoustic enclosure has been provided for the DG set 500 KVA with stack of height 5 meters. Stack emissions are being monitored regularly through MoEF&CC, recognized laboratory. Noise level monitoring results enclosed as annexure II

Sr. No	Condition	Status
(v)	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the MPCB. The levels of PM10, PM _{2.5} , SO ₂ , NO _x , CO and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied, Regularly ambient air quality monitoring of PM10, PM _{2.5} , SO ₂ , NO _x , CO and submitted to Regional Office of MoEF, the respective Zonal Office of CPCB and the MPCB. Website is not yet made by sugar factory but we are submitting six monthly reports to concern authorities. Acknowledgment copy of submitted report (December 2022) is enclosed as Annexure No III
(vi)	Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery to avoid fugitive emissions.	Complied, Good quality Road is already provided in factory premises.
(vii)	Total fresh water requirement from irrigation department, Govt. of Maharashtra shall not exceed 309 m ³ /day for distillery (molasses), 308 m ³ /day for sugar unit and 555 m ³ /day for cogeneration unit after expansion. No ground water shall be used without permission. Effort shall be made to use recycled water from sugar and condensate of MEE for the co-generation power unit.	Complied, Agreement with Irrigation department, Govt. of Maharashtra on 09.10.2017 for supply of water from Mula Right Bank canal. Recycled water from sugar and co-generation unit is being reused in the process. No ground water withdrawal for industry.
(viii)	Spent wash generation from molasses based distillery shall be treated in bio-methanation reactor. Treated spent wash will be evaporated in MEE and concentrated spent wash will be bio composted by mixing with press mud generated from sugar unit to achieve "Zero" discharge. Effluent from sugar, spentless utilities spentless, utilities effluent and evaporator condensate shall be treated in effluent treatment plant and recycle/reused in process. No effluent shall be discharged outside the premises and 'Zero' discharge shall be maintained.	Complied, 45 KLPD Distillery unit is ZLD Unit.
(ix)	Wastewater generation from the sugar unit shall not exceed 100 litre per tonne of cane crushed. Effluent from sugar unit shall be treated in the effluent treatment plant.	Complied. Waste water from the sugar unit is treated in the effluent treatment plant and has not crossed the quantity 100 L/Tonne of cane crushed.

Sr. No	Condition	Status
(x)	Spent wash shall be stored in impervious pucca lagoons (RCC) 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 30 days capacity.	Complied, spent wash stored in impervious pucca lagoons (RCC) with proper lining with HDPE.
(xi)	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 of pH, BOD, COD Chloride, sulphate and total dissolved solids shall be monitored. Sampling and trend analysis monitoring must be monthly basis and report submitted to the Ministry Regional Office at Bhopal, and MPCB.	Complied.
(xii)	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied, provided separate effluent and Storm water drains in the plant area. Storm water drain is connected to pit for storage of rain water.
(xiii)	Company shall ensure the quality and marketability of bio-compost produced by distilleries by standard labeling such as 'AGMARK'	Complied, good quality Bio Compost produced by distillery unit and sale to member farmers with minimum cost
(xiv)	As proposed, no effluent from distillery and co-generation power plant shall be discharged outside the plant premises and Zero discharge shall be adopted.	Complied, Effluent from sugar and co-gen power plant is treated and recycled into the process.
(xv)	Continuous online (24 x 7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided to the respective RO of MoEF & CC and SPCB.	Complied, installed Online monitoring system for treated effluent and stack emission, system connected to MPCB and CPCB server. Website is not yet made by sugar factory hence
(xvi)	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy reason by flowing along with the storm water. Direct exposure of workers to fly ash and dust shall be avoided. Bagasse ash and coal ash shall be separately.	Complying with. Only bagasse is being used as fuel in co-gen power plant. Boiler ash is being stored and being used for compost preparation.
(xvii)	Bagasse/rice husk storage should be done in such a way that it does not get air borne or fly around due to wind.	Complying with. Bagasse is stored in bagasse yard in baled form. It is covered with tarpaulin cover.

Sr. No	Condition	Status
(xviii)	Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.	Complied Fire fighting system has been provided for the plant. Foam system has been provided for alcohol storage area of existing distillery.
(xix)	Risk assessment should be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office, Bhopal within six months.	Complied, Risk assessment report submitted to Regional Office vide letter no. Mfg./1462/2016 dated 07.07.2016
(xx)	Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the regular medical test records of each employee should be maintained separately.	Complied. Medical checkup of all the employees is being carried out once in 6 months. Medical records are being maintained as per Factories Act.
(xxi)	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Complied. Parking facility has been provided near to the plant. Separate roads have been provided for incoming and outgoing vehicles. The vehicle movement is being controlled by Security.
(xxii)	All the issues raised during the public hearing / consultation meeting held on 10 th March, 2015 should be satisfactorily implemented.	Complied, issues raised during the public hearing / consultation.
(xxiii)	As proposed, green belt over 110 acres of land shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area in down ward direction and along road sides etc. Selection of plant species shall be as per as the CPCB guidelines in consultations with the DFO.	Complied. Green belt has been provided in and around the plant over an area of 110 acres with plantation of 60668 nos. of trees of different species. Photographs of Green Belt enclosed as annexure IV
(xxiv)	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details should be prepared and submitted the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	Complied, we have implemented various social development activities. List of social development activities in surrounding area.
(xxv)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile Sewage Treatment Plant, safe drinking water, medical	Complied, Expansion of sugar and co-gen power plant and distillery is completed.

Sr. No	Condition	Status
	health care, crèche & First Aid Room etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	
B. General conditions		
(i)	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB), State Government and any other statutory authority.	Agree and comply with
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alternations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agree and comply with. ➤ Whenever we will propose expansion, we will take prior environmental clearance from concern authority / MoEF&CC, Delhi. ➤ We undertake that no further extra production in the plant shall be carried out without prior approval of MoEF, New Delhi.
(iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the MPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complying with Ambient air quality monitoring is being carried out at three location within project site. Please refer letter as Annexure No. II
(iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measure 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 and rules 1989 viz. 75 dBA (day time) and night time 70 dBA (night).	Complied. Acoustic enclosures have been provided for the DG set. Green belt has been developed around the plant area. Please refer noise level monitoring reports Annexure II
(v)	The company 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.	Complied. Roof top harvesting has been provided for the sugar godowns. Two collection pits of capacities 7616 cu.m. and 6586 cu.m. have been provided for the storage of rain water.
(vi)	During transfer of materials, spillages shall be avoided and gullies drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.	Raw material and finished product are solids. Major spillage of materials is not envisaged.
(vii)	Usage of personnel protection equipments by all employees/workers shall be ensured.	Complied. Personnel protective equipment has

Sr. No	Condition	Status
		been provided to workers.
(viii)	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complying with. Regular training is being imparted to workers through in house faculty. Also training is provided by faculty from Vasantdada Sugar Institute (VSI), Pune. Medical checkup of employees is being carried out once 6 months.
(ix)	The company shall also comply with environmental protection measures and safeguards proposed in the project report submitted to Ministry. All the recommendations made in the EIA / EMP in respect of environmental management, risk mitigation measure, and public hearing relating to the project shall be implemented.	Agreed and comply with. ➤ ESP's with stack height of height 70 meter and 75 meter have been provided ➤ Effluent treatment plant has been provided ➤ Treated effluent is used in the seed farms of the industry also supplied to the agriculture fields of farms of nearby villages upon prior request from farmers. ➤ Green belt has been developed ➤ Environmental monitoring is being carried out.
(x)	The company shall undertake CSR activities and all relevant measures for improving the socio economic conditions of the surrounding area.	Complied. List of CSR activities carried out in enclosed as Annexure IV.
(xi)	The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	Noted
(xii)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. Environment management cell is established and it is headed by qualified and experienced officer.
(xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measure shall not be diverted for any other purpose.	Complying with. Separate funds are allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. Budgetary Allocation for Environmental Management Plans For Operation Phase- Capital Cost-22/- Crores O&M Cost: 7.9 Crores/annum
(xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat,	Complied. Environment Clearance letter copy is

Sr. No	Condition	Status
	Zila Parishad / Municipal Corporation, Urban local body and the local NGO if any from who suggestions/representations, if any were received while processing the proposal.	submitted to Zilha parishad, Grampanchayat and its acknowledgement copy submitted in previous submission report (i.e. June 2016)
(xv)	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, the respective Zonal Office of CPCB and the MPCB. A copy of Environment clearance and six monthly compliance status report shall be posted on the website of the company.	Complied. Regular submission of six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to Regional Office, MoEF, Nagpur and the respective Zonal office of CPCB and the SPCB. Acknowledge copy of submission of six monthly compliance report (December 2021) is attached as annexure –III
(xvi)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied, Environmental statement report (form –V) for financial year (2021-22) was submitted on 28 th Sep 2022 to the Maharashtra pollution control board as prescribed under the environment (Protection) Rules, 1986. Environmental Statement copy are enclosed as Annexure-VI Website is not yet made by sugar factory. We will made the website of sugar factory and upload the report on website.
(xvii)	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 SPCB / committee and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter at least two local news paper 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 concerned Regional Office of the Ministry.	Complied, Advertisement is a published in local Marathi newspaper- “Punyanagari” and “Sarvmat” on 5th February 2016. Please refer Annexure No.V
(xviii)	The project authorities shall inform the Regional office as well as Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted.

Sr. No	Condition	Status
8.0	The Ministry may revoke or suspend the clearance, if implementation of any above conditions not satisfactory.	Noted
9.0	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner will implement these conditions.	Noted
10.0	The above conditions will be enforced inter-alia under the provisions 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 their under, hazardous waste (Management and Handling and Trans-boundary Movement) Rules,2008 and it's amendment, the public liability insurance act,1991 and it's amendments.	Noted

COMPLIANCE OF CONDITIONS
IN
ENVIRONMENT CLEARANCE NO -SEIAA-EC-
0000002266 dated 24.06.2020

Sugar Expansion (5500 TCD to 7500 TCD)

Point wise compliance status to various stipulations laid down by the State Level Environment Impact Assessment Authority, Govt. of Maharashtra in its clearance letter No. SEIAA-EC-000002266 dated 24.06.2020 are as follows

Specific Conditions:		
I	PP to ensure zero liquid discharge.	Noted, treated effluent from sugar unit is used for green belt. No release of waste water to outside the factory.
II	PP to note the observations made by the Regional Office of MoEF&CC and ensure its strict compliance.	Complied, observations during the RO visit was complied.
III	PP to form competent Environmental Management Cell to ensure compliance of the conditions stipulated in the Environmental Clearance letter.	Complied, Environment Management cell is established to comply the EC conditions and regular environmental compliances.
IV	PP to ensure that phase wise 100% sugarcane cultivation in their jurisdiction is brought under drip irrigation.	Complied and work in progress. 18500 ha of land will be brought under drip irrigation by 2023-24.
V	PP to adopt improved and modern technologies for sugarcane cultivation so as to enhance per hactor productivity instead of bringing additional area under sugarcane cultivation to meet proposed crushing capacity.	Complied, sugar factory providing high yield sugarcane variety and organic manure to farmers.
VI	PP to prepare and implement CER plan in consultation with District Collector as per OM issued by MoEF&CC dated 01.05.2018.	Complied CER plan was submitted to the district collector vide letter dated 10.08.2019
VII	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector	Noted and proposal is submitted to Collector
VIII	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9 th August, 2018.	Agree and comply with. We ensuring to strict compliance of observations made by regional officer of MEF & CC.
General Conditions:		
I	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	Complied. Treated effluent from sugar unit is used for green belt. No release of waste water to outside the factory.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	Noted and agree
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Complying with Personnel protection Equipment like Face shield Helmets, Rubber Gumboots, Goggles, Medical facilities etc. are being provided to every employees. Occupational health checkup of workers are carried

		out regularly.
IV	Proper Housekeeping programmers shall be implemented.	Complied, proper housekeeping to worker during operation phase.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	Complied. In the event of failure of pollution control system (ESP and ETP), units are not restarted until the control measures are rectified to achieve the desired deficiency.
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).	Complied. For DG sets of 500 KVA, 7m height stack from ground level is provided. DG sets were operated during the time of failure only. Monitoring results are enclosed as annexure I the emission level of DG set. Please refer as Annexure no. II
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Complied. Rain water harvesting system is implemented in sugar unit and two collections tanks having capacity 7616 cu.m and 6586 cu.m provided.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. Separate arrangement is made for effluent and storm water.
IX	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Complied. Ground water quality was monitored at one location. As per the report, ground water quality was within prescribed limits. Please, refer Annexure no. II
X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Complied. All workers are using personal protection equipment's. ➤ As per the monitoring data noise levels found to be within prescribed standards. All noise level monitoring reports submitted regularly MPCB, and Regional Office, Nagpur. Please, refer Annexure no. II
XI	The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Complied, Noise levels were monitored at four locations i.e. Near main gate, near Admin Office, Near godown, and near switch yard. As per the report, noise levels were within prescribed standards. Please, refer Annexure no. II
XII	Green belt shall be developed & maintained around the plant periphery.	Complied. Total 96-acre land reserved for green

	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	belt. Total 60668 trees are standing in factory campus.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning	Complied, Portable fire extinguishers, Fire hydrant system, Leak and Smoke Detection alarm system provided in factory.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Complied. Medical checkup of all the employees is being carried out once in 6 months. Medical records are being maintained as per Factories Act.
XV	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied Portable fire extinguishers, Fire hydrant system, Leak and Smoke Detection alarm system provided in factory.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections /treatment /storage /disposal of hazardous wastes.	Complied.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	Agree to comply with. Regular mock drills were carried out and records thereof were maintained.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. Established Environment management with qualified and experienced officer.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-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 reported to the MPCB & this department	Complying with. Separate funds are allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. Budgetary Allocation for Environmental Management Plans For Operation Phase- Capital Cost-625/- lakhs O&M Cost: 91.2 lakhs/annum
XX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project,	Complied, Advertisement is a published in local Marathi newspaper-“Divya Marathi” and “Sakaal Times”

	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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	on 28 th June 2020. Please refer as Annexure No.V
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	Complied, regularly submitting six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to Regional Office, MoEF&CC, Nagpur and the respective Zonal office of CPCB and the SPCB. Acknowledgement Copy is enclosed as annexure III
XXII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied. Environmental Clearance copy was submitted to sonai grampanchay on 29.06.2020.
XXIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. Six monthly compliance report regularly submitted since the grant of EC. Regularly ambient air quality and stack emission monitoring was carried out. As per the monitoring report, the emission levels were within permissible limits. Please refer as Annexure no. II
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied, Regular submission of six monthly reports on the status of compliance of the stipulated EC conditions to Regional Office, MoEF, Nagpur and the respective Zonal office of CPCB and the SPCB.
XXV	The environmental statement for each	Complied,

	financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Environmental statement report (form –V) for financial year 2021-22 was submitted on dated 28.09.2022 the Maharashtra pollution. Environmental Statement copy are enclosed as Annexure VI
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.	Noted.
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.	Noted.
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.	Agreed and Noted.
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29 th April, 2015.	Noted
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.	Noted

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

COMPLIANCE OF CONDITIONS
IN
ENVIRONMENT CLEARANCE NO EC21B022MH180755
dated 02.11.2021

- Distillery Expansion (45KLPD to 100 KLPD)

EC COMPLIANCE CONDITIONS

Point wise compliance status to various stipulations laid down by the State Level Environment Impact Assessment Authority, Govt. of Maharashtra in its clearance letter No. EC21B022MH180755 dated 02.11.2021 are as follows

Sr no	Conditions	Compliance
SEAC Conditions		
1	PP to ensure compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance.	Complied all issues raised during Public Hearing
2	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.	Complied, rain water harvesting work is in progress
3	PP to ensure to utilize entire CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.	Complied, details of CER fund is enclosed as annexure V
4	PP to provide solar lights for the illumination of the area.	Complied,
SEIAA Conditions		
1	PP to undertake Meyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25 th June ,2019.The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts/arborist.	Complied, Green belt area: 38.4 ha and total 60668 trees of 82 species are planted in the factory premises Details of green belt is enclosed as annexure V
2	PP to ensure that proposed expansion is ZLD.	Complied, expansion of distillery is ZLD, spent wash is treated through MEE and Incineration Boiler. Condensate from MEE * other effluent is treated in CPU
3	PP to strictly observe the Solid Waste Management Rules,2016 as amended from time to time.	Noted
4	PP to strictly observe the Hazardous and other Wastes (Management & Transboundary Movement) Rules,2016 as amended from time to time.	Noted
5	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 from time to time and Air (Prevention and Control of Pollution)	: Complied, identified source of fugitive air pollution in distillery is vehicle movement on roads and bagasse handing which is used. To control fugitive emissions following measures are adopted. <ul style="list-style-type: none"> • The roads within the premises are concrete to avoid vehicular dust.

	Act,1981 amended from time to time.		<ul style="list-style-type: none"> • All transportation vehicles carry a valid PUC (Pollution under Control) Certificate. • Proper servicing & maintenance of vehicles is carried out. • Regular water sprinkling system is provided at loading and unloading areas and road to control dust emissions. • In the work zone environment, product and raw materials storage area etc. is regularly maintained and provided with closed storage, & conveyance of materials are done by closed conveyors. • Adequate greenbelt is developed in the plant area. • Greenbelt acts as surface for settling of dust particles & thus will reduce the particulate matter in air. • Ambient air quality is regularly monitored.
6	PP to ensure storage of chemicals as per the Manufacture, Storage and Impact of Hazardous Chemicals Rules,1989 amended from time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.		Complied, ensured storage of chemicals as per the Manufacture, Storage and Impact of Hazardous Chemicals Rules,1989 amended from time to time and ensured no release of any chemical to the atmosphere and leakage to the soil
7	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum and Explosive Safety Organization (PESO).	:	Complied, Obtained NOC from PESO
8	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,1936 and ensure compliance of recommendation of the Audit.	:	Complied, obtained approval from Directorate of Industrial Health & Safety (DIHS)
9	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking area.	:	Will be complied with
10	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 of the boiler.	:	Complied, for boiler conc. Spent wash and bagasse is used for 22 TPH Boiler.
11	PP to provide roof top Rain Water Harvesting facility.		Will be complied with
	General Conditions	:	
I	The Project Proponent shall advertise at	:	Complied, advertisement is enclosed as

	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		annexure V
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 Control Board, SEIAA and the Regional Office of MoEF & CC at Nagpur, on 1 st June & 1 st December of each calendar year.	:	Complied
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.	:	Complied,
IV	A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.	:	Complied
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.	:	Complied
VI	PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.	:	Noted, we will all the Conditions in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board
VII	PP to provide separate drains for storm water and effluent, and ensure that, the	:	Complied, provided separate drains for storm water and effluent, and ensure that, the storm

	storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.		water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
VIII	Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	:	Complied, ground water monitoring is carried out results are enclosed as annexure II
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 earmuff and ear plug etc.	:	Complied, noise level monitoring results are enclosed as annexure II
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.	:	Complied, safety measures are taken to limit the risk zone within the factory premises. Leak detection system is installed for early detection and mitigation purpose.
XI	PP to scrupulously follow the requirements of Maharashtra Factories Act,1948 & Rules 1963 as amended from time to time.	:	Noted
XII	The Environmental Statement for each financial year ending on 31 st 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.	:	Noted, we will submit Environmental Statement for each financial year.
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 in the case filed against him, if any or action initiated under EP Act.	:	Noted

5	In case of submission of false document and non-compliance of stipulated conditions, Authority/Environment Department will revoke or suspend the Environmental clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	:	Noted
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.	:	Noted
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification,2006, amended from time to time.	:	Noted
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.	:	Noted
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.	:	Noted
10	Any appeal against this Environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building,1 st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act,2010.	:	Noted

ANNEXURES

***CONSENT TO
ESTABLISH
& OPERATE***

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and 4th
floor, Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E),
Mumbai-400022

No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000138964/CR/2211000568

Date: 08/11/2022

To,
Mula Sahakari Sakhar Karkhana Ltd.,
Gut No- 852 & 864, Sonai
Newasa, Ahmednagar.



Your Service is Our Duty

Sub: Renewal of consent for 7000 TCD sugar and 30 MW Cogeneration unit, under LSI RED category.

Ref: 1. Earlier consent granted vide no. Format1.0/CAC/UAN No.MPCB-CONSENT-0000097641/CO-2012000891 dated 21.12.2020
2. Minutes of 4th Consent Appraisal Committee meeting dated 24.06.2022

Your application No.MPCB-CONSENT-0000138964 Dated 20.05.2022

For: grant of Consent to Renewal under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The Consent to Renewal is granted upto: 31.07.2025**
- The capital investment of the industry is Rs.377.1522 (Exsting - Rs. 281.1522 Crs. + Increase/Expansion - Rs. 96 Crs.) Crs. (As per C.A Certificate submitted by industry).**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
1	Sugar	24680	MT/M
2	Electricity	30	Mwh
3	Bagasse	67500	MT/M
4	Press Mud	10800	MT/M
5	Molasses	10800	MT/M

3.

- Conditions under Water (P&CP) Act, 1974 for discharge of effluent:**

Sr No	Description	Permitted in CMD	Standards to	Disposal
1.	Trade effluent	626	As per Schedule -I	100 CMD 100% recycle & 526 CMD on land for gardening.

Sr No	Description	Permitted in CMD	Standards to	Disposal
2.	Domestic effluent	40	As per Schedule - I	

5. **Conditions under the Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
Stack No-I	Bolier No-1	1	As per Schedule -II
Stack No-II	Bolier No-2	1	As per Schedule -II

(As per previous consent of existing unit)

6. **Conditions about Non Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Bagasse	67500	MT/A	Burnt in own boiler as fuel	Fuel
2	ETP Sludge	24	MT/A	As an organic manure	As an an organic manure
3	Boiler ash & fly ash	560	MT/A	Partly sold to brick manufacture & partly compost making	Partly sold to brick manufacture & partly compost making
4	Press mud	45000	MT/A	Used by Distillery for compost making	As anorganic manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	2.7 MT/A	Mixed with Bagasse	Burnt in own boiler

The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDf, in compliance of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and keep proper manifest thereof.

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant shall comply with the conditions of the Environmental Clearance granted by SEIAA vide letter EC-000002266
11. Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.
12. Industry shall stop production activity voluntarily in case of failure of operation and maintenance of the ETP system as preventive measures.
13. Industry shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions.

14. This consent is issued as per the 4th Consent Appraisal Committee meeting dated 24.06.2022.
15. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
16. Industry shall extend/submit Bank guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.

This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

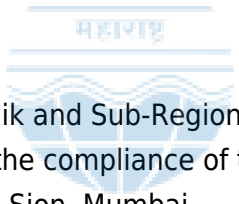
Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2262913.00	MPCB-DR-12051	20/05/2022	RTGS
2	125000.00	MPCB-DR-14467	28/09/2022	NEFT
3	67000.00	MPCB-DR-14684	03/10/2022	NEFT

0

Copy to:

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Ahmednagar
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC desk - for record & website updation.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) **A] As per your application, you have Provided Effluent Treatment Plant (ETP) of designed capacity of 700 CMD consisting of Primary, Secondary Tertiary for the treatment of 626 CMD industrial effluent.**
- B] Industry shall provide CPU for recycle/reuse of treated effluent.**
- C] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.**

Sr. No.	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27 ^o)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

- D] The treated effluent 550.00 CMD shall be disposed on land for irrigation on 103.00 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.**
- E] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server.**
- F] Trade effluent of 100.00 CMD generated from Co-gen shall be 100% recycle in process.**
- G] CREP conditions for Sugar Factory**
- i. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
 - ii. Waste water generation shall be reduced to 100 liters per tone of cane crushed.
 - iii. Industry shall achieve zero discharge into in land surface water bodies.
 - iv. 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.
- H] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.**

I] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.

J] The unit shall optimize water use in industrial process & maintain records.

2) **A] As per your application, you have provided STP design capacity of 50 CMD for the treatment of 40.00 CMD sewage.**

B] The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

C] The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.

3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.

4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

5) **CONDITIONS FOR MOLASSES STORAGE:**

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.

(v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".

6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.

- 7) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 8) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 9) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	143.00
2.	Domestic purpose	45.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	572.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening	00

- 10) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack(s) and observe the following fuel pattern-**

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO₂
Stack No-I	Bolier No-1	ESP,Lightening arrestor	70	Bagasse	35000 MT/Day	0.20	3406.00
Stack No-II	Bolier No-2	ESP,Lightening arrestor	75	Bagasse	35500 MT/Day	0.20	3406.00

(As per previous consent of existing unit)

- 2) **The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.**

1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.

2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm ³
--------------------------	---------------	------------------------

3 The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4 The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

5 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	2500000	15 days/To be extended	Towards O & M of pollution control systems and compliance of consent conditions	31.07.2025	28.02.2026

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

SCHEDULE-IV

General Conditions:

1 The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

- 2 The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 3 Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 4 The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 5 The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 9 The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 10 The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 14 Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).

- 15 Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
17. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20 The applicant shall maintain good housekeeping.
- 21 The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22 The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 23 The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

This certificate is digitally & electronically signed.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R60)

Date: 09/02/2022

No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000126192/CO - 2202000545

To,
Mula Sahakari Sakhar Karkhana Ltd., (Distillery Unit)
Gut No- 854,859, Sonai,
Tal. - Newasa, Dist. - Ahmednagar.



Sub: Consent to 1st operate for expansion for Molasses based distillery 55 KLPD & 2 MW co-generation i.e 45 KLPD to 100 KLPD with amalgamation of existing consent to operate, under RED category.

- Ref:**
1. Earlier consent granted vide no. No:-Format1.0CAC/UAN No.MPCBCONSENT-0000113599/CE-2107001444 dated 28.07.2021.
 2. Earlier consent granted vide no. No:-Format1.0/CAC/UAN No.MPCBCONSENT-0000120455/CO-21102000632 dated 13.12.2021.
 3. Environment Clearance vide NO.SIA/MH/IND2/63062/2014(EC21B022MH180755) dated 02.11.2021
 4. Minutes of 9th CAC meeting held on 25.01.2022.

Your application No.MPCB-CONSENT-0000126192 Dated 25.11.2021

For: Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/08/2024**
2. **The capital investment of the project is Rs.82.54 Crs. (As per C.A Certificate submitted by industry Existing-Rs.82.54 Crs.)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified spirit/ENA/ Ethanol	100	KL/D
2	POWER	2.33	MW
By Products			
3	fusel oil (By-product)	0.83	KL/M

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	731	As per Schedule-I	MEE followed by incineration Boiler.
2.	Domestic effluent	6	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	Boiler - 22 TPH	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Conc. Spent wash	170	MT/Day	Used as fuel in Boiler	Used as fuel in Boiler
2	Bagasse Ash	47	MT/Day	sale to Brick manufacturing	Brick manufacturing
3	Yeast Sludge	3.7	MT/Day	Will be dried at MEE	Will be burnt in own boiler
4	CPU Sludge	1.75	MT/Day	used as Manure	used as Manure
5	Potash Rich Ash	47	MT/Day	sale to Brick manufacturing	sale to Brick manufacturing

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**


Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.50	MT/M	NA	mix with bagasse and burn in boiler

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. No:-Format1.0/CAC/UAN No.MPCBCONSENT-0000120455/CO-21102000632 dated 13.12.2021
- This consent is issued pursuant to the decision of the 9th Consent Appraisal Committee Meeting held on .
- The applicant shall comply with the conditions of the Environmental Clearance granted vide letter NO.SIA/MH/IND2/63062/2014(EC21B022MH180755) dtd. 02/11/2021.
- Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
- The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

Maharashtra Pollution Control Board
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15. PP shall operate pollution control system scientifically to achieve the consented norms.
16. PP shall ensure uninterrupted connectivity of OCEMS to Board server directly through data logger.
17. PP shall submit/extend total Bank Guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	375000.00	MPCB-DR-9005	29/11/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Ahmednagar
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC-CC desk - for record & website updation.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. Conditions for Trade effluent:

- A) As per your application, you have provided comprehensive treatment for volume reduction consisting of Multiple Effect Evaporator followed by incineration boiler. The spent wash shall be evaporated in MEE & concentrated spent wash will be incinerated in boiler.
- B) Industry shall provide CPU for recycle/reuse of treated effluent.
- C) Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

2. Conditions for Sewage/ Domestic effluent:

- i. You shall provide sewage treatment plant for the treatment of 6 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH)
1.	pH	6.5-9.0
2.	BOD	30
3.	TSS	100

- iii. Treated sewage shall be used on land for gardening/ irrigation by achieving above prescribed standards.

- 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	335.00
2.	Domestic purpose	8.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	816.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

- 6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂
S1	Boiler (22 TPH)	ESP	75	Spent wash 6.2 TPH at 60 % solidConc. , Bagasse 1.85 TPH and Coal 1.75 TPH	9800 Kg/Hr	0.20	1478.00

2. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³
--------------------	---------------	------------------------

6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
7. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
8. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
9. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.



**SCHEDULE-III
Details of Bank Guarantees:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	2500000	15 days/To be extended	Towards O & M of pollution control systems and compliance of consent conditions	31.08.2024	31.12.2024

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV
General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.



Maharashtra Pollution Control Board

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5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

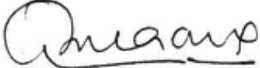


Maharashtra Pollution Control Board

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32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary



Maharashtra Pollution Control Board
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ENVIRONMENT
MONITORING REPORTS

Ambient Air Quality

Noise Level

Soil

Water

Sewage

DG set



TEST REPORT

Report No:	EHSM/2023/Apr/R-978	Issue Date	24/04/2023		
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105				
Sample Name	Air	Sample Description	Ambient Air		
Date of Sampling	17/04/2023	Sampling duration	1440 Min		
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	34°C	Wet bulb temperature	27°C		
Relative Humidity	56 %	Sampling done by	EHS Matrix Pvt. Ltd, Pune		
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	15.8	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO _x)	23.0	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	68.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	27.0	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.9	mg/m ³	≤ 04	
Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-979	Issue Date	24/04/2023		
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105				
Sample Name	Air	Sample Description	Ambient Air		
Date of Sampling	17/04/2023	Sampling duration	1440 Min		
Sampling Location	Near Admin Office	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	34°C	Wet bulb temperature	27°C		
Relative Humidity	56 %	Sampling done by	EHS Matrix Pvt. Ltd, Pune		
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	17.0	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO _x)	25.0	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	70.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	28.0	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.8	mg/m ³	≤ 04	
Remark- -All above results are within National Ambient Air Quality standards. -BDL – Below Detectable Limit.					



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-980	Issue Date	24/04/2023		
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105				
Sample Name	Air	Sample Description	Ambient Air		
Date of Sampling	17/04/2023	Sampling duration	1440 Min		
Sampling Location	Near Godown	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I		
Dry bulb temperature	34°C	Wet bulb temperature	30°C		
Relative Humidity	54 %	Sampling done by	EHS Matrix Pvt. Ltd, Pune		
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	14.0	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO _x)	19.0	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	63.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	26.8	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m ³	≤ 04	
➤ Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-981	Issue Date	24/04/2023		
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105				
Sample Name	Noise	Sample Description	Ambient Noise		
Date of Sampling	17/04/2023	Sampling duration	Spot Time		
Sampling done by	EHS Matrix Pvt.Ltd, Pune				
Results					
Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	68.3	56.5	75/70	CPCB Guideline
2.	Near Admin Office	66.0	55.8		
3.	Near Godown	69.5	54.3		
4.	Near Switch Yard	67.3	57.0		
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB.					



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-982	Issue Date	24/04/2023		
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105				
Sample Name	Source Emission	Sample Description	Stack Material : RCC		
Date of Sampling	17/04/2023		Stack Height : 70 M		
Sampling Location	Boiler 80 TPH (S1)		Stack Type : Round		
Sampling done by	EHS Matrix Pvt. Ltd., Pune	Sampling duration	30 Min		
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	420	K		---
2	Differential Pressure	4.8	mm WG		
3	Velocity	6.0	M/s		
4	Dimensions of Stack	2.95	Mtr.		
5	Stack Area	6.83146	M ²		
6	Gas Volume	123431.8	NM ³ /Hr		
7	Particulate Matter	64.0	mg/NM ³	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO ₂)	14.0	Kg/day	≤ 145	
<p>➤ Remark- All above results are well within MPCB Limit. BDL.: - Below Detection Limit</p>					



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr R-983	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Source Emission	Sample Description	Stack Material : RCC
Date of Sampling	17/04/2023		Stack Height : 75 M
Sampling Location	Boiler 85 TPH (S2)		Stack Type : Round
Sampling done by	EHS Matrix Pvt. Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	430	K		---
2	Differential Pressure	5.9	mm WG		
3	Velocity	8.5	M/s		
4	Dimensions of Stack	3.5	Mtr.		
5	Stack Area	9.61625	M ²		
6	Gas Volume	192317.0	NM ³ /Hr		
7	Particulate Matter	70.0	mg/NM ³	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO ₂)	22.0	Mg/Nm ₃	≤ 145	

➤ **Remark-** All above results are well within MPCB Limit.
BDL.: - Below Detection Limit



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-984	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	17/04/2023		Stack Height : 7 M
Sampling Location	DG Set 500 KVA		Stack Type : Round
Sampling done by	EHS Matrix Pvt. Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	441	K		---
2	Differential Pressure	6.0	mm WG		
3	Velocity	9.4	M/s		
4	Dimensions of Stack	0.4953	Mtr.		
5	Stack Area	0.19257	M ²		
6	Gas Volume	4234.8	NM ³ /Hr		
7	Particulate Matter	60.0	mg/NM ³	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO ₂)	1.8	Kg/day	--	

➤ **Remark-** All above results are well within MPCB Limit.
BDL.: - Below Detection Limit



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-985	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Source Emission	Sample Description	Stack Material : RCC
Date of Sampling	17/04/2023		Stack Height : 75 M
Sampling Location	Boiler 22 TPH		Stack Type : Round
Sampling done by	EHS Matrix Pvt. Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	418	K		---
2	Differential Pressure	5.0	mm WG		
3	Velocity	7.4	M/s		
4	Dimensions of Stack	2.0	Mtr.		
5	Stack Area	3.14	M ²		
6	Gas Volume	58324.5	NM ³ /Hr		
7	Particulate Matter	52.0	mg/NM ³	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO ₂)	17.0	Kg/day	≤ 1478	

➤ **Remark-** All above results are well within MPCB Limit.
BDL.: - Below Detection Limit



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-986	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Air	Sample Description	Fugitive Emission
Date of Sampling	17/04/2023	Sampling duration	1440 Min
Sampling Location	Near Bagasse Yard	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	34°C	Wet bulb temperature	27°C
Relative Humidity	54 %	Sampling done by	EHS Matrix Pvt. Ltd, Pune
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	14.0	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO ₂)	22.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	85.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	43.0	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.9	mg/m ³	≤ 04	

➤ **Remark-** All above results are within National Ambient Air Quality standards.
BDL – Below Detectable Limit.



Authorized Signatory
Mr. Rahul Patil
(Director)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-987	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Waste Water	Sample Description	ETP Outlet
Date of Sampling	17/04/2023	Sampling Time	12.00 PM
Sampling Location	ETP	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Limits	Unit(s)	Methods
1	pH at 25°C	7.1	5.5-9.0	--	APHA 4500 H+ A, 23 rd Ed.2017
2	Total Suspended Solids (TSS)	24.0	100	mg/L	APHA 2540 D, 23 rd Ed.2017
3	Biochemical Oxygen Demand (BOD) at 27°C for 3 days	30.0	100	mg/L	IS 3025 (Part 44)-1993
4	Chemical Oxygen Demand (COD)	124.0	250	mg/L	IS 3025 (Part 58) : 2006
5	Total Dissolved Solids TDS	956.0	2100	mg/L	APHA 2540 C, 23 rd Ed.2017
6	Oil and grease	6.0	10	mg/L	APHA 5520 B, 23 rd Ed.2017
7	Sulphate (as SO ₄)	35.0	1000	mg/L	IS 3025 (Part 24):1986
8	Chloride(as Cl ⁻)	114.0	600	mg/L	APHA 4500 Cl 23 rd Ed.2017

Remark- All parameters are within the MPCB limit.



Authorized Signatory
Mr. Rahul Patil
(Director)



EHS MATRIX

PRIVATE LIMITED

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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

TEST REPORT

Report No:	E EHSM/2023/Apr/ R-988	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Water	Sample Description	Ground Water
Date of Sampling	17/04/2023	Sampling Time	11.30 AM
Sampling Location	Borewell Near Grampanchayat Sonai Village	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 lit
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per IS 10500:2012	Methods
Physical Parameter					
1.	Colour	<2	Hazen	≤5	APHA 2120 B, 23 rd Ed.2017
2.	Odour	Agreeable	--	Agreeable	IS : 3025 (Part 5):1983
3.	Turbidity	<1	NTU	≤1	APHA 2130 B, 23 rd Ed.2017
4.	Taste	Agreeable	--	Agreeable	IS : 3025 (Part 7 and 8):1984
Chemical Parameter					
5.	Total Dissolved Solids TDS	380.0	mg/lit	≤500	APHA 2540 C, 23 rd Ed.2017
6.	pH	7.1	--	6.5 to 8.5	APHA 2540 H ⁺ , 23 rd Ed.2017
7.	Total Hardness (as CaCO ₃)	190.0	mg/lit	≤200	IS: 3025 (Part-21):2009
8.	Iron (as Fe)	<0.1	mg/lit	≤0.3	APHA 3111, 23 rd Ed.2017
9.	Copper (as Cu)	<0.1	mg/lit	≤0.05	APHA 3111, 23 rd Ed.2017
10.	Chloride (as Cl)	54.0	mg/lit	≤250	APHA 4500 Cl-23 rd Ed.2017
11.	Residual Chlorine	BDL	mg/lit	≤0.20	APHA 4500 Cl-23 rd Ed.2017
12.	Calcium (as Ca)	40.0	mg/lit	≤75	IS : 3025 (Part 40)1991
13.	Magnesium (as Mg)	26.0	mg/lit	≤30	IS : 3025 (Part 46)
14.	Sulphate (as SO ₄)	39.0	mg/lit	≤200	IS : 3025 (Part 24)1986
15.	Nitrate (as NO ₃)	<1	mg/lit	≤45	APHA 4500 NO ₃ ,23 rd Ed.2017
16.	Fluoride (as F)	<0.5	mg/lit	≤1.0	APHA 4500 F,23 rd Ed.2017

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

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Branch Office Address :
F-01, Shakuntala Complex,
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CERTIFICATIONS :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO/IEC 17025 : 2017 (NABL)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-988	Issue Date	
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Water	Sample Description	Drinking Water
Date of Sampling	17/04/2023	Sampling Time	10.30 AM
Sampling Location	Canteen Cooler	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 lit
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Limits as per IS 10500:2012	Methods
17.	Phenolic compounds (C ₆ H ₅ OH)	BDL	mg/lit	≤0.001	IS:3025(Part 43)
18.	Mercury (as Hg)	BDL	mg/lit	≤0.001	APHA 311,23 rd Ed.2017
19.	Cadmium (as Cd)	BDL	mg/lit	≤0.03	APHA 311,23 rd Ed.2017
20.	Manganese (as Mn)	BDL	mg/lit	≤0.10	APHA 311,23 rd Ed.2017
21.	Selenium (as Se)	BDL	mg/lit	≤0.01	APHA 311,23 rd Ed.2017
22.	Arsenic (as As)	BDL	mg/lit	≤0.01	APHA 3500 As, 23 rd Ed.2017
23.	Cyanide (as CN)	BDL	mg/lit	≤0.05	APHA 3500 CN,23 rd Ed.2017
24.	Lead (as Pb)	BDL	mg/lit	≤0.01	APHA 3111,23 rd Ed.2017
25.	Zinc (as Zn)	BDL	mg/lit	≤5	APHA 3111,23 rd Ed.2017
26.	Molybdenum (as Mo)	BDL	mg/lit	≤0.7	APHA 3111,23 rd Ed.2017
27.	Nickel (as Ni)	BDL	mg/lit	≤0.02	APHA 3111,23 rd Ed.2017
28.	Aluminium (as Al)	BDL	mg/lit	≤0.03	APHA 3111,23 rd Ed.2017
29.	Anionic detergents as MBAS	BDL	mg/lit	≤0.2	APHA 5540 C, 23 rd Ed.2017
30.	Chromium (as Cr)	BDL	mg/lit	≤0.05	APHA 3111,23 rd Ed.2017
31.	Poly nuclear Aromati Hydrocarbons	BDL	mg/lit	≤0.0005	USEPA 525.2
32.	Total Alkalinity as calcium carbonate	160.0	mg/lit	≤200	IS : 3025 (Part 13)1964
34.	Boron (as B)	BDL	mg/lit	≤0.05	APHA 3111,23 rd Ed.2017

Microbiological Parameter

35.	Total Coliform	<2	Absent	MPN/100ml	IS 1622:1981
36.	<i>E.coli.</i>	<2	Absent	MPN/100ml	IS 1622:1981

REMARKS / OBSERVATIONS:

➤ Above sample is chemically and bacteriologically potable with respect to above parameters.



Authorized Signatory

Mr. Rahul Patil
(Director)

Page 01 of 01

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CERTIFICATIONS :
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ISO 14001 : 2015
ISO 45001 : 2018
ISO/IEC 17025 : 2017 (NABL)



TEST REPORT

Report No:	EHSM/2023/Apr/ R-989	Issue Date	24/04/2023
Name and Address of Customer	M/S MULA SAHAKARI SAKHAR KARKHANA .LTD. Post-Sonai , Taluka -Newase, Dist-Ahmednagar 414105		
Sample Name	Soil	Sample Description	Soil
Date of Sampling	17/04/2023	Sampling Time	11:00 AM
Sampling Location	Near Godown	Sampling Procedure	--
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 Kg
Start Date of Analysis	19/04/2023	End Date of Analysis	24/04/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	38	%	
	b) Silt	26	%	
	c) Clay	36	%	
2	pH at 25°C	7.2	--	IS 2720(Part 26) 1987
3	EC at 25°C	434.0	µS/cm	IS 14767 : 2000
4	Moisture Content	4.8	%	Manual Of Soil Testing
5	Organic Matter	1.2	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	-	meq/100g	Manual Of Soil Testing
7	Bulk Density	0.8	g/cm ³	Manual of Soil; Testing
8	Available Phosphorus	92.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	164.0	mg/Kg	Manual Of Soil Testing
10	Water Holding Capacity	52.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	30.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	23.0	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	<1.0	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	4.3	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	5.8	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	114.0	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	176.0	Mg/Kg	Manual of Soil Testing



Authorized Signatory
Mr. Rahul Patil
(Director)

*Acknowledgement Copy of Six
Monthly Compliance Report
Submitted to
RO, Nagpur RO*



Universe Enviro <universeenviropune@gmail.com>

Six Monthly Post Environment Clearance Compliance Report of M/s Mula S.S.K.Ltd. at Post Sonai, Tal.-Newasa, Dist.-Ahmednagar, and Maharashtra _ D2022

Universe Enviro <universeenviropune@gmail.com>

Wed, Dec 28, 2022 at 11:20 AM

To: ecompliance-mh@gov.in

Cc: Mula Sugar Sonai <mulassk@yahoo.co.in>

Dear Sir,**Reference:**

- Sugar Cogeneration and distillery environment Clearance Letter No. J-11011/131/2014-IA. II (I), Dated 22nd January, 2016
- Sugar expansion Environment Clearance Letter SEIAA-EC-0000002266 dated 24.06.2020.
- Distillery Expansion environment clearance no. EC21B022MH180755 dated 2.11.2021

With reference to the above subject, we are submitting the Current Status, data sheet, monitoring report and point wise clearance compliance status to various stipulations laid down in environment clearance of sugar, cogeneration and distillery with the necessary enclosure and annexure.

--

Adhikrao Yewale**Director****Universe Environment Consultancy, Pune****8600017756****Post EC six Monthly Dec 2022 (1).pdf**

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GREEN BELT

Green belt Development Plan

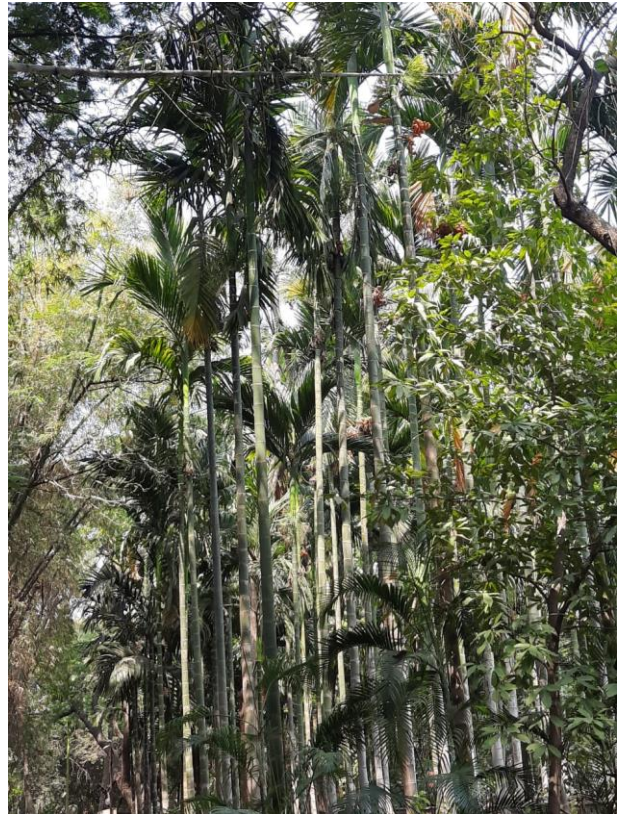
Green belt area: 38.4 ha and total 60668 trees of 82 species are planted in the factory premises.

Sr.No.	Name of Tree/Plant	Botanical species	Nos.
1	Chinch	T. Indica	725
2	Sag	Teak	2050
3	jambhul	Jamun	510
4	Karanj	Karanja	915
5	Vad	Indian Banyan	635
6	Pimpal	Peepal	190
7	Buch	Indian Cork tree	1490
8	Suru	Australian Pink tree	340
9	Naral	Coconut	465
10	Amba	Mango-Mangifera Indica	630
11	Kasid	Cassia Siamar	340
12	Badam	T.Cattapa	310
13	Ashoka	Caraca Asoca	240
14	Bhendi	Abelmoschus esculentus	628
15	Chikku	Manticora Zapota	185
16	Neem	A. Indica	2126
17	Si.Oak	Quercus	107
18	Khaya	Khaya Senegalensis	205
19	Audambar	Ficus racemose	243
20	Mohgani	Swietenia macrophylla	230
21	Rain Tree	Samanea saman	487
22	Sessam	Dalbergia sissoo	230
23	Babhul	Vachellia nilotica	437
24	Tembhurni	Diospyros peregrine	815
25	Bel	Aegle marmelos	38
26	Bottle Brush	Callistemon	190
27	Sawar	Bombax	210
28	Bushes Plant	Millingtonia hortensis	1310
29	Mahaduk	Ailanthus excelsa	10
30	Shankasur	C.pulcherima carnea	2570
31	Palm	Arecaceae	1290
32	Kanchan	Bauhinia variegata	140
33	Peltro farm	P.farm	707
34	Putravanti	P. roxburghii	126
35	Bakul	Mimusops elengi	15
36	Vilayati Chinch	Pithecellobium dulce	2545
37	bakwan	Bakwan	810
38	Chandan	Santalum album	275
39	Fanas	Artocarpus heterophyllus	15

40	Nilgiri	Eucalyptus	1250
41	Bamboo	Bambusoideae	3610
42	Spathodea	Spathodea campanulata	358
43	Rubber tree	Hevea brasiliensis	55
44	Shami	Prosopis cineraria	15
45	Gulmohar	Delonix regia	1000
46	Neelmohar	J.mimosifolia	700
47	Sitaphal	Annona reticulata	888
48	Shevaga	Moringa oleifera	583
49	Hatga	Sesbania grandiflora	118
50	Ramphal	Annona reticulate	385
51	Bor	Ziziphus mauritiana	2865
52	Subabhul	Leucaena leucocephala	6500
53	Deodar	Cedrus deodara	65
54	Kavat	Limonia acidissima	74
55	Fayax	Ficus benjamina	238
56	Cassia	Cassia fistula	228
57	Reetha	Sapindus mukorossi	18
58	Parijat	Nyctanthes arbor-tristis	110
59	Khirani	Manilkara hexandra	130
60	Bhokar	Cordia dichotoma Forst	68
61	Gondan	Cordia sinensis	28
62	Shindal	Shindal	210
63	Lemon	Citrus	278
64	Palm areca	Areca catecha	645
65	Parkiya	Parkia biglobosa	18
66	Peru	Psidium guajava	370
67	Cherry	Prunus avium	205
68	T. palm	P.danctylifera	54
69	P.Palm	P. macarthuril	90
70	Sisum	Dalbergia sissoo	273
71	Other velli	veli	1740
72	Gliricidia	Gliricidia sepium	5040
73	Apta	Bauhinia racemosa	25
74	Chafa	Plumeria	425
75	Kadi patta	Murraya koenigii	2346
76	Christmas	Araucaria columnaris	22
77	Siris	Albizia lebbeck	110
78	Kate savar	Bombax ceiba	170
79	Jaswand	Hibiscus rosa-sinensis	1350
80	Chameli	Jasmine	340
81	Vedi Babhul	Vachellia nilotica	4120
82	Gulab	Rosa	220
83	Bougainvillea	Bougainvillea glabra	140
84	Eczira	Mimusops elengi	28
85	Cycas palm	Cycas revoluta	33

86	Foxtail Palm	Wodyetia bifurcata	54
87	Ficus	Ficus benjamina	14
88	Ficus Star Light	Ficus benjamina starlight	14
89	Ficus Panda	Ficus benjamina panda	14
90	Tecoma Gaudi Chaudi	Tecoma stans	250
	Total		60668

Green Belt Photographs



CSR Time Bound Plan

Total project Cost: 283.57

As per requirement 5 % will be for CSR: 14.17 Cr

Activities	Expenses till date lakh March 2021	1 st Year	2 nd Year	3 rd Year	4 th Year	Total
Promotion of Higher educational	0.8	0.2	0.1	0.25	0.25	1.6
Facilities to all boys & girls	0.9	0.25	0.5	0.5	0.5	2.65
Medical facilities to be extended In all villages.	0.9	0.5	0.5	0.5	0.5	2.9
Development of Roads in nearby Village.	60	150	250	350	344	1154
Rainwater harvesting program K T Weir on Nala	40	25	57	25	20	167
Providing financial assistance to Self-Help Groups.	2.5	0	0	0	0	2.5
Drinking Water Supply to nearer Villages	10	5	5	5	5	30
Tree Plantation	24	10	10	5	5	54
Organize health camp in villages	1	0.5	0.5	0.5	0.5	3
Total	140.1	91.45	148.6	386.75	375.75	1417.65

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 अहमदनगर, जि. अहमदनगर, पिन ४१४१०५
 फोन नं. २३१३०३ ते २३१३०६ फॅक्स- २३१३०७
 Email- mulassk@yahoo.co.in

जाहीर नाटीस

उपरोक्त जाहीर सूचनेद्वारे सर्वाना कळविण्यात येते की, पर्यावरण, वन आणि हवामान बदल मंत्रालय, भारत सरकार, नवी दिल्ली यांचेकडून मुळा सहकारी साखर कारखाना लि., सोनई, ता. नेवासा, जि. अहमदनगर यांना साखर कारखाना गाळप क्षमता विस्तार बांध (३५०० ते ५५००० मे.टन प्रति दिन) सहवीज निर्मिती विस्तार बांध (१६ ते ३० मे. बॅट) व असवानी विस्तार बांध (३०००० ते ४५००० लिटर प्रति दिन) करण्यास पर्यावरणीय मंजूरी मिळालेली आहे. सदर मंजूरी पत्र महाराष्ट्र प्रदूषण नियंत्रण मंडळ आणि पर्यावरण, वन आणि हवामान बदल मंत्रालय, भारत सरकार नवी दिल्ली यांचे <http://envfor.nic.in> या संकेत स्थळावर उपलब्ध आहे.
 दि. ०५/०२/२०१६
 ठिकाण : सोनई

एस.बी. ठोंबरे
 कार्यकारी संचालक
 मुळा सह. सा. का. लि. सोनई

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मुळा सहकारी साखर कारखाना लि., सोनई
 ता. नेवासा, जि. अहमदनगर, पिन ४१४१०५
 फोन नं. ०२४२७-२३१३०३ ते २३१३०६ फॅक्स- २३१३०७
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जाहीर नाटीस

उपरोक्त जाहीर सूचनेद्वारे सर्वाना कळविण्यात येते की, पर्यावरण, वन आणि हवामान बदल मंत्रालय, भारत सरकार, नवी दिल्ली यांचेकडून मुळा सहकारी साखर कारखाना लि., सोनई, ता. नेवासा, जि. अहमदनगर यांना साखर कारखाना गाळप क्षमता विस्तार बांध (३५०० ते ५५००० मे. टन प्रतिदिन) सहवीज निर्मिती विस्तार बांध (१६ ते ३० मे. बॅट) व असवानी विस्तार बांध (३०००० ते ४५००० लिटर प्रतिदिन) करण्यास पर्यावरणीय मंजूरी मिळालेली आहे. सदर मंजूरीपत्र महाराष्ट्र प्रदूषण नियंत्रण मंडळ आणि पर्यावरण, वन आणि हवामान बदल मंत्रालय, भारत सरकार, नवी दिल्ली यांचे <http://envfor.nic.in> या संकेत स्थळावर उपलब्ध आहे.
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 मुळा सह. सा. का. लि., सोनई

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५१२१९६

५-२-२०१६

दशात आतापर्यंत आयक्रीनचे २५ रुग्ण आढळले आहेत. या सर्वांमध्ये सौम्य लक्षणे आहेत, असे सरकारच्या वतीने शुक्रवारी स्पष्ट करण्यात आले. वैद्यकीयदृष्ट्या, अद्याप आरोग्य सेवा प्रणालीवर भार येत नसला तरी खबरदारी घेतली पाहिजे, असे भारतीय वैद्यकीय संशोधन परिषदेने (आयसीएमआर) म्हटले आहे. या २५ रुग्णांपैकी महाराष्ट्रात १०, राजस्थान ९, गुजरातमध्ये ३, कर्नाटकमध्ये २ आणि दिल्लीत १ रुग्ण आहे. आरोग्य मंत्रालयाचे सहसचिव लव अग्रवाल यांनी आतापर्यंत आढळलेल्या ओमायक्रॉन रुग्णांमध्ये प्रामुख्याने सौम्य लक्षणे दिसून आली आहेत. युद्धपातळीवर झालेले लसीकरण, सार्वजनिक आरोग्याबाबतची दक्षता आणि सामाजिक उपायांचे योग्य पालन जागतिक स्तरावर कोरोना संसर्ग घट आहे, असेही अग्रवाल यांनी जागतिक आरोग्य संघटनेच्या अहवालाचा संदर्भ देत स्पष्ट केले.

जागतिक स्तरावर ओमायक्रॉनचे रुग्ण वाढत आहेत. या पार्श्वभूमीवर मास्क

मुळा सहकारी साखर कारखाना लि., सोनई

ता. नेवासा, जि. अहमदनगर

जाहीर सूचना

राज्यस्तरीय प्रभाव मूल्यांकन समिती महाराष्ट्र शासन यांच्याकडून प्रस्तावित विस्तारीकरण ४५ किलो लिटर प्रतिदिनी ते १०० किलो लिटर प्रतिदिनी आसवानी प्रकल्पास पर्यावरण मान्यता देण्यात आली आहे.

सदर पर्यावरण मंजूरी पत्राची पत्र पर्यावरण वन आणि हवामान बदल मंत्रालय, भारत सहकार यांच्या परिवेश वेब पोर्टल येथे उपलब्ध आहे.

(एन.के.तुवर)

चेअरमन

(एस.एस. बेलहेकर)

कार्यकारी संचालक

मुळा सहकारी साखर कारखाना लि., सोनई.



MAHATRANSCO
Maharashtra State Electricity Transmission Co. Ltd.

SRM E-Tender Notice

Digitally signed online bids are invited through SRM E-tender process of MSETCL in two bid system from bidders who are registered Contractors of MSETCL. **Tender No. EE/EHV/O&M/DN/BBLR/T-13/2021-22, Particulars of Work: Extension of sale period for Bi-AMC for PC's, Laptops, Printers & associated equipments, LAN & associated equipments and rate list of related accessories for various Sub-stations & offices under EHV (O&M) Division, Babhaleshwar, (RFX No. 7000021487), Estimated cost of work: Rs.25,00,000/- E.M.D.: Rs. 25,000/- Tender cost in Rs. 525/- Sale Period: 11.12.2021 to 20.12.2021, Last Date of Submission: 20.12.2021 up to 13:00 Hrs., Date of opening (Tech. bid): 20.12.2021 at 13:30 Hrs (if possible). Contact person: Executive Engineer, EHV (O&M) Dn. Babhaleshwar. Phone No. 02422-252240, for further details please visit to <https://srmetender.mahatransco.in>**

Executive Engineer, EHV (O&M), Division, Babhaleshwar

महावितरण

ई-निविदा सूचना

म. रा. वि. वि. क. मर्या, अहमदनगर मंडळ, कर्जत विभागातर्गत बाह्यस्त्रोताद्वारे कुशल मनुष्यबळ पुरविणेसाठी पात्र व नोंदणीकृत संस्था/फर्म कडून ई-निविदा पद्धतीने दोन बोली स्वरूपात निविदा आमंत्रित करत आहेत. सदरील निविदा क्रमांक **SE/ANRC/HR/KARJAT/T-16/2021-22** असून कामाचे स्वरूप, मनुष्यबळ संख्या, निर्दिष्ट क्षेत्र, अंदाजित निविदा रक्कम, बयाना रक्कम इत्यादी तपशिलांसाठी नियोजित संकेतस्थळ <https://etender.mahadiscom.in/eatApp/> पहावे. सदरील निविदा, संकेतस्थळावर १०.१२.२०२१ ते २४.१२.२०२१ पर्यंत इलेक्ट्रॉनिक स्वरूपात उपलब्ध आहे आणि निविदा शुल्क ऑनलाइन भरून दि. २५.१२.२०२१: १५.०० पर्यंत अपलोड करता येईल या करिता मुदतवाढ देण्यात येणार नाही. अधिक माहितीसाठी संपर्क

१७

(पान

आणि जवा
पालम विमा
त्यांच्या का
ठेवण्यात उ
अधिकार्यां
सजवलेल्या
अंत्ययात्रा सु
गदी लोटली
देताना सर्वांचे
अंत्ययात्रा

FORM IV & V



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:

MPCB-HW_ANNUAL_RETURN-0000030795

Submitted On:

30-06-2022

Industry Type :

Generator

Submitted for Year:

April 2021 to March 2022

1. Name of the generator/operator of facility

Mula Sahakari Sakhar Karkhana Ltd, Sonai

Address of the unit/facility

At post -Sonai,Tal- Newasa,

1b. Authorization Number

Format 1.0/CAC/UAN NO-.MPCB-CONSENT-0000097641/CO-2012000891

Date of issue

Dec 21, 2020

Date of validity of consent

Jul 31, 2022

2. Name of the authorised person

Mr. S. S. Belhekar

Full address of authorised person

At post -Sonai,Tal- Newasa, Dist- Ahmednagar.

Telephone

9822207492

Fax

NA

Email

mulassk@yahoo.co.in

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Sugar (excluding Khandsari)	Sugar	24680.0000	18478	MT/M
Power Generating plants (excluding D.G Sets)	Electricity	30.0000	16.64	MW

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
5.1 Used or spent oil	Used or spent oil	2.700	2.103	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
5.1 Used or spent oil	00	MTA	0	00

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
5.1 Used or spent oil	Used spent oil	2.103	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
5.1 Used or spent oil	Used spent oil	00	MTA

5. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

6. Quantity incinerated (if applicable) **UOM**

NA KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received

UOM

State Name

NA

KL/Anum

Maharashtra

2. Quantity in stock at the beginning of the year

UOM

NA

KL/Anum

3. Quantity treated

UOM

NA

KL/Anum

4. Quantity disposed in landfills as such and after treatment

Type

Quantity

UOM

Direct landfilling

NA

KL/Anum

Landfill after treatment

NA

KL/Anum

5. Quantity incinerated (if applicable)

UOM

NA

KL/Anum

6. Quantiry processed other than specified above

UOM

NA

KL/Anum

7. Quantity in storage at the end of the year.

UOM

NA

KL/Anum

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/Category	Quantity	UOM
NA	NA	KL/Anum

3. Quantity of waste recycled or co-procesed or used

Name of Waste	Type of Waste	Quantity	UOM
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

Name of product	Quantity	UOM
NA	NA	KL/Anum

5. Total quantity of waste generated

Waste name/category	quantity	UOM
NA	NA	KL/Anum

6. Total quantity of waste disposed

Waste name/category	quantity	UOM
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	quantity	UOM
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

Waste name/category

NA

quantity

NA

UOM

KL/Anum

9. Quantity disposed in landfills as such and after treatment

Type

Direct landfilling

Quantity

NA

UOM

KL/Anum

Landfill after treatment

NA

KL/Anum

10. Quantity incinerated (if applicable)

UOM

NA

KL/Anum

Personal Details

Place

Sonai

Date

2020-06-29

Designation

Managing Director



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000049707

Submitted Date

30-09-2022

PART A

Company Information

Company Name

Mula Sahakari Sakhar Karkhana Ltd. (Distillery)

Application UAN number

MPCB-CONSENT-0000120455

Address

Sonai Ghodegaon Road

Plot no

Gut No 852,853,859

Taluka

Newasa

Village

Sonai

Capital Investment (In lakhs)

1598.00

Scale

S.S.I

City

Ahmednagar

Pincode

414105

Person Name

Shri Sharad S. Belhekar

Designation

Managing Director

Telephone Number

9822207492

Fax Number

02427231307

Email

mulassk@yahoo.co.in

Region

SRO-Ahmednagar

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000120455

Consent Issue Date

2021-12-13

Consent Valid Upto

2024-08-31

Establishment Year

1970

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Rectified Spirit

Consent Quantity

8100

Actual Quantity

8050

UOM

KL/A

ENA

7200

00

KL/A

Ethanol

16200

11484

KL/A

By-product Information

By Product Name

Fusel oil

Consent Quantity

13.5

Actual Quantity

00

UOM

KL/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	25.00	0.00
Domestic	5.00	5.00
All others	0.00	0.00
Total	324.00	295.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	247	245	CMD
Domestic	4	245	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Rectified spirit	9.9	9.72	Ton/Ton
ENA	0	0	Ton/Ton
Ethanol	0	0	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Molasses	3.52	1.55	Ton/Ton
B- heavy Molasses	0	1.25	Ton/Ton
Syrup	0	0.85	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	0	0	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
ZLD	0	0	0	0	ZLD

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Steam being taken from sugar boiler	0	0	0	0	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yest sludge	32	35	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Ready biocompost	16000	18000	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast sludge	35	MT/A	00
Ready biocompost	18000	MT/A	00

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Biocompost project	00	00	00	00	305	00

Online
monitoring

00

00

00

00

12.00

00

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

Green belt

Tree plantation

1.60

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

Green belt

Tree plantation

1.75

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Green belt development

Name & Designation

Mr. S.S. Belhekar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000049707

Submitted On:

30-09-2022



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000048152

Submitted Date

28-09-2022

PART A

Company Information

Company Name

Mula Sahakari Sakhar Karkhana Ltd.,
(Sugar factory)

Application UAN number

MPCB-CONSENT-0000097641 & 0000073191

Address

At post- Sonai, Tal- Newasa, Dist- A'nagar

Plot no

Gut No- 852 & 864

Taluka

Newasa

Village

Sonai

Capital Investment (In lakhs)

267.15

Scale

LSI

City

Ahmednagar

Pincode

414105

Person Name

Mr. S.S Belhekar

Designation

Managing Director

Telephone Number

02427231303

Fax Number

0

Email

atharvaenviro@yahoo.co.in

Region

SRO-Ahmednagar

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

no

Consent Number

Format 1.0/CAC/UAN NO. MPCB-
CONSENT-0000027013 &
0000073193/CR-1910000636

Consent Issue Date

2019-10-14

Consent Valid Upto

2022-07-31

Establishment Year

1970

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Sugar

Consent Quantity

24680

Actual Quantity

18478

UOM

Electricity

30

19.19

Mwh

By-product Information

By Product Name

Bagasse

Consent Quantity

67500

Actual Quantity

59502

UOM

Molasses

10800

11885

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	604.00	587.00
Domestic	143.00	140.00
All others	45.00	43.00
Total	0.00	0.00
	792.00	770.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Effluent	650	635	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar	0.75	0.6	Ton/Ton
Electricity	0.41	0.35	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugar cane	10.66	11.35	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	345600	320222.6	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
PH	7.50	7.50	0	6.20 - 8.00	NA
COD	81.28	128	0	250	NA
BOD	24.13	38	0	100	NA
TSS	36.83	58	0	100	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
TPM	723	81	00	150	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	2.103	1.253	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.920	0.850	KL/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Press mud	27153	34282	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler ash/fly ash	3950	4803	MT/A
Biological sludge	105	122	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	2.103	2.103	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	2.103	KL/A	Burnt in own boiler by mixing it with bagasse

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Press mud	34282	MT/A	Used for compost making
Fly ash/ Boiler ash	4803	MT/A	Partly for brick manufacturer & partly composting
Biological sludge	122	MT/A	As an organic manure in own farm

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
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Recycle of hot condensate water	25	0.82	0.48	14	7.20	0.50
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Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Tree plantation	Green belt	3.20

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green belt development	Green belt development	5.38

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Green belt development

Name & Designation

Mr. S.S. Belhekar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000048152

Submitted On:

28-09-2022