



TRUALT™
BIOENERGY

TRUALT BIOENERGY LIMITED
(FORMERLY KNOWN AS TRUALT ENERGY LIMITED)

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GSTIN - 29AAICT5347A1ZB
CIN - U15400KA2021PLC145978

Ref: TBL-04/MOEF&CC/EC-Comp/2025-26

Date: 12th June 2026

To,

The Regional Office,
MOEF & CC,
Integrated Regional Office,
Kendriya Sadan, Bengaluru.

Sub: Reg. Submission of Half Yearly Compliance report for the EC.

Ref: EC No: File No: IA-J-11011/304/2023-IA-II (I), dated 01.08.2024

Dear Sir,

With respect to above cited subject, we hereby attached point wise half yearly EC compliance reports with photocopies of supporting documents for the period 01st October 2025 to 31st March 2026.

Kindly acknowledge receipt for the same.

Thanking You,

Yours Truly,

For TruAlt Bioenergy Limited Unit - 04.

Authorized Signatory

CC to: Regional Officer, KSPCB, Sector – 07, Navnaagar- Bagalkote.

(Encl: Photocopies of supporting documents)

**COMPLIANCE REPORT FOR THE CONDITIONS OF ENVIRONMENTAL
CLEARANCE**

EC Letter no. IA-J-11011/304/2023-IA-II (I), dated 01.08.2024

For

**M/S Trualt Bioenergy Limited, unit-04
Distillery 500 KLPD**

At

**Jalageri & Ganganbudhihal, Badami Taluk and Bagalkot District, Bagalkot,
Karnataka-587206**

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सत्यमेव जयते

File No: IA-J-11011/304/2023-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 01/08/2024



To,

Shri. Ramesh Bhimgond Biradar,
M/s. TRUALT BIOENERGY LIMITED,
Survey No. 166, Kulali Cross, Jamkhandi- Mudhol Road, Bagalkot District , BAGALKOTE,
KARNATAKA, , 587313
trualt.accounts@niranigroups.com

Subject: Proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant located at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV - Consideration of Environmental Clearance under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/KA/IND2/468210/2024 dated 03/04/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A2504KA5644002N
(ii) File No.	IA-J-11011/304/2023-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(g) Distilleries
(vi) Sector	Industrial Projects - 2 Proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV
(vii) Name of Project	TRUALT BIOENERGY LIMITED
(viii) Name of Company/Organization	BAGALKOTE, KARNATAKA
(ix) Location of Project (District, State)	MoEF&CC
(x) Issuing Authority	

(xi) Applicability of General Conditions as per EIA Notification, 2006 No

3. The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed establishment of 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant located at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV.

4. The proposal was considered in EAC (Ind-2) meetings held on 3rd May, 2024 and 13th -14th June, 2024 wherein the project proponent and their accredited Consultant M/s. J.M. EnviroNetPvt. Ltd. (NABET certificate no. NABET/EIA/2326/RA 0308 and validity till 07th August, 2026) made a detailed presentation on the salient features of the project. The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code available above or through the following web link click here.

5. As per EIA Notification dated 14th Sep, 2006 and as amended on 13th June, 2019, the project falls under Category "A", Project or Activity '5(g)' Distilleries [Non-Molasses based distilleries>200 KLD or Molasses based Distilleries >100 KLD] and are appraised at Central level.

6. The details of products and capacity are enclosed at Annexure-2.

7. Standard Terms of Reference has been issued by Ministry vide letter no. IA-J-11011/304/2023-IA-II(I) dated 31st July, 2023. It was informed that there is no litigation pending against the project.

Public Hearing for the proposed project was conducted by the Karnataka State Pollution Control Board on 10th January, 2024 at project premises chaired by Smt. Janaki K.M, I.A.S., Deputy Commissioner and Chairman, Bagalkot. The main issues raised during the public hearing and their action plan is enclosed at Annexure-5.

8. Total land area required is 11.47 hectares. Greenbelt will be developed in total area of 3.8 hectare i.e., 33% of total project area. The estimated project cost is Rs. 650 Crores. Capital cost of EMP would be Rs 65 Crores and recurring cost for EMP would be Rs. 6.5 Crores per annum. Industry proposes to allocate Rs. 10.00 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 150 persons as direct & indirect.

9. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Protected forests etc. within 10 km distance. Only some patches of unnamed RF are present within 10 km radius. Water bodies: Gondi Mada Halla is at a distance of 3.0 km in West direction, Kalaskoppa Kere is at a distance of 4.0 km in WNW direction, Bhavi Halla is at a distance of 4.0 km in SW direction, Hire Halla is at a distance of 5.5 km in WNW direction, Vadakina Halla is at a distance of 5.5 km in SSW direction & Chiral Halla is at a distance of 6.0 km in West direction.

10. Ambient air quality monitoring was carried out at 8 locations during summer season March to May, 2023 and the baseline data indicates the ranges of concentrations as: PM10 (41.8 to 79.6 g/m³), PM2.5 (22.3 to 45.1 g/m³), SO₂ (5.3 to 10.4 g/m³), NO₂ (10 to 24.3 g/m³).AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.22 g/m³, 0.56 g/m³, 0.66 g/m³and 0.74 g/m³with respect to PM2.5,PM10, SO₂ and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

11. Maximum total fresh water requirement will be 1995 CMD which will be met from surface water of Ghataprabha River. Application has been submitted to Executive Engineer, Karnataka Niravari Nigam Limited, MBC Division 01, Bagalkot vide Application No. TruAlt/ADM/WRD/GLBC/2023-24 dated 17-07-2023 for grant of authorization for abstraction of 2500 KLPD. Proposed maximum effluent generation will be 4581 CMD which will be treated through proposed Condensate Polishing Unit of capacity 5500 CMD. Domestic waste water will be treated in proposed STP of 25 KLD. The plant will be based on Zero Effluent discharge system and no effluent/treated water will be discharged outside factory premises.

12. Power requirement will be 9.0 MW which will be met from proposed 10 MW Co- Generation Power Plant. 125 TPH multi-fuel (Bagasse/Conc. Spent wash + bagasse) fired boiler will be installed. APCE ESP with a stack of height of 75 m will be installed for controlling the particulate matter emissions within the statutory limit of 50 mg/Nm³ for the proposed boiler. 2 x 1500 KVA D.G. set will be used as standby during power failure and stack height 8 m will be provided as per CPCB norms to the proposed DG sets.

13. Details of Process emissions generation and its management:

- Electro-Static Precipitator (ESP) with stack of height (75 m) will be installed with proposed 125 TPH Boiler to control the suspended particulate matter emissions due to combustion of fuel within statutory limit of 50 mg/Nm³.
- CO₂ generated (max. 384 TPD) during fermentation process will be collected and sold to vendors as per local demand.
- Online Continuous Emission Monitoring System will be installed with the stack and data will be transmitted to CPCB/SPCB servers.

14. Details of solid waste/Hazardous waste generation and its management:

- Concentrated spent wash (max.1251 TPD) from molasses/cane syrup-based distillery operations will be burnt in proposed 125 TPH boiler.
- Solid waste from the Grain based operations generally comprises of fibres and proteins in the form of DDGS (220 TPD) which will be ideally used as Cattle, poultry & fish feed ingredients.
- Ash (158 TPD) generated during molasses/cane syrup-based distillery operation will be given to nearby farmers due to rich potash content & Ash (12 TPD) generated during grain based distillery operation will be given to nearby brick manufacturers in covered vehicles only.
- CPU sludge & STP sludge will be dewatered in Filter press and will used as manure.
- Used oil & grease (1.0 KL/annum) generated from plant machinery/gear boxes as hazardous waste will be sold out to the CPCB authorized recyclers.

Total land of 11.47 hectares is completely under the possession of the company and already converted in to industrial use by the orders of Bagalkot District, Collector Office. EAC found the information satisfactory.

15. During deliberations, EAC discussed following issues:

- EAC has observed that the proposed project site is situated in close proximity to integrated sugar industry and distillery. In light of this, the EAC sought clarification from the Project Proponent (PP) regarding whether any land from the aforementioned sugar industry or distillery has been utilized for the proposed project. PP has informed that adjacent land belongs to M/s Shree Kedarnath Sugar & Agro Products Limited, which has received Environmental Clearances (ECs) on March 20, 2008, and November 5, 2008, respectively. Further, PP has clarified that the proposed area of 11.47 hectares for the instant proposal does not overlap with the land covered under the aforementioned ECs.
- As suggested by EAC, PP has increased the CER budget from Rs. 6.5 Crores to Rs. 10.0 Crores for CER activities in nearby areas. As suggested by EAC, PP has committed that budget allocated for OHS shall be increased from Rs. 0.80 Crore to Rs. 1.00 Crore.
- As suggested by EAC, PP committed that the production capacity of distillery shall not exceed 500 KLPD in any mode or combination of feed stock of operation.
- PP has committed that the Industry will conduct quarterly ambient air quality monitoring in nearby villages around the plant through NABL approved laboratory as part of post project monitoring plan & results will be regularly submitted with the half yearly compliance report.
- PP has informed that the land approach road linking the adjacent district road to the project site will be upgraded to a metalled road and maintenance of this road shall be the borne by the Industry.
- PP has informed that fuel for the proposed 125 TPH multi-fuel boiler will be concentrated spent wash along with bagasse during molasses/syrup based operations & bagasse during grain based operations. Coal will not be used for the proposed boiler.
- Industry shall not cut any of the existing trees in the site and also ensure conservation of the same.

16. The committee was satisfied with the response provided by PP on above information. Further, Committee desired to

submit the above information in writing. Accordingly, PP has submitted the desired information and EAC found the information/commitments satisfactory.

17. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

18. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

19. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

20. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposed establishment of 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant located at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions enclosed at Annexure-1.

21. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

23. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

24. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the competent authority.

Copy To

1. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi

Storey Building, Dr. Ambedkar Veedhi, Bangalore - 1.

2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34.

3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 32.

4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1.

5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.

6. The District Collector, Bagalkot District, Karnataka.

7. Guard File/Monitoring File/Parivesh portal/Record File.

Annexure 1

Specific EC Conditions for (Distilleries)

1. Distilleries

S. No	EC Conditions
1.1	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented (Annexure – 3). The production capacity of the proposed distillery shall not exceed 500 KLD in any mode or combination of feedstock of operation.
1.2	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.
1.3	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and abstraction of surface water. State Pollution Control Board shall not issue Consent to Operate (CTO) under The Air (Prevention and Control of Pollution) Act, 1981 and The Water (Prevention and Control of Pollution) Act, 1974 till the project proponent obtains such permission. Ground water shall not be used for Industrial operations.
1.4	Total Fresh water requirement shall not exceed 1995 CMD which will be met from Ghataprabha River. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond and the accumulated water to be used as fresh water thereby reducing fresh water consumption.
1.5	Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc. shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises.
1.6	The spent wash from the molasses-based distillery shall be concentrated in MEE and concentrated spent wash shall be incinerated in the incineration boiler. Other lean effluents Spent lees, MEE Condensates and utility effluents shall be treated in the condensate polishing unit (CPU) comprising

S. No	EC Conditions
	of three stage RO. No wastewater or treated water from integrated unit of sugar mill and distillery shall be discharged outside the premises and Zero Liquid Discharge shall be maintained for all the units namely sugar, Distillery and Cogen Power Plant. STP shall be installed to treat sewage generated from factory premises.
1.7	Adequate numbers of groundwater quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total dissolved solids shall be monitored and report submitted to the Ministry's Regional Office.
1.8	Five field APCE Electrostatic Precipitators with 75 m high stack shall be installed for controlling the particulate matter emissions within the statutory limit of 30 mg/Nm ³ for the proposed 125 TPH multi-fuel (Bagasse/Conc. Spent wash + bagasse) fired boiler. Coal shall not be used for the proposed boiler. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
1.9	Boiler ash (158 TPD) generated during molasses/cane syrup-based distillery operation will be given to nearby farmers due to rich potash content & Ash (12 TPD) generated during grain-based distillery operation will be given to nearby brick manufacturers in covered vehicles only. PP shall install 10% of the total power requirement in the form of solar power inside plant premises/adjacent/nearby areas. The approach road linking the adjacent district road to the project site will be upgraded to a metalled road and maintenance of this road shall be the borne by the industry.
1.10	PP shall initiate study to assess the status of health of villagers, ground water, crop yield and soil conditions and submit the report to MoEFCC within 06 months. The study shall be repeated after 03 years to assess the impact of the plant operation.
1.11	CO ₂ generated (max. 384 TPD) during the fermentation process will be collected and sold to vendors as per local demand.
1.12	PP shall allocate at least Rs. 1.00 Crore as capital cost for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.13	Training shall be imparted to all employees on the safety and health aspects of chemical handling. Safety and visual reality training shall be provided to employees.
1.14	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. PESO certificate shall be obtained. Location of ethanol storage tanks shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary.
1.15	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the location of the leak source and the probable leaked

S. No	EC Conditions
	quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, Risk Mitigation plan shall be in place.
1.16	Company shall determine the distance of fire hydrant while finalizing its location from ethanol storage tanks or any other hazardous storage substance shall be based on dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.
1.17	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
1.18	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.
1.19	The green belt of at least 5-10 m width shall be developed in nearly 3.8 hectares i.e., 33 % of the total project area with tree density @ 2500 trees per hectare, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 varieties of species as a part of the greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before the commissioning of the plant. Industry shall not cut any of the existing trees in the site and also ensure the conservation of the same. Trees shall be planted in the Green Belt under the campaign #Plant4Mother #एक पेड़ माँ के नाम and uploaded on the MeriLiFE portal (https://merilife.nic.in/).
1.20	PP proposed to allocate Rs. 10.00 Crores towards extended EMP (CER) Annexure – (4 & 5) which shall be spent as submitted in CER plan. Further, all the proposed activities under CER shall be completed within in consultation with District Administration.
1.21	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. At least 15% of total project area shall be allotted solely for parking purposes with facilities like rest rooms etc. The parking area will be relocated in South of the drain as per the revised layout plan submitted by the PP. The network of village roads in the plant vicinity shall be maintained by the unit.
1.22	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control

S. No	EC Conditions
	Equipment.
1.23	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. Industry shall conduct ambient air quality monitoring atleast at 03 sites in nearby villages around the plant as per CPCB's siting criteria guidelines and ensure their operation as per NAAQS 2009 through NABL approved laboratory as part of post project monitoring plan & results shall be regularly submitted with the half yearly compliance report.
1.24	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to the Head of Organization/ Director/CEO as per company hierarchy.
1.25	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

Standard EC Conditions for (Distilleries)

1. General Conditions

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

S. No	EC Conditions
1.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
1.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
1.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
1.8	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
1.9	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.
1.10	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
1.11	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 and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

Annexure 2

Details of the Project

S. No.	Particulars	Details
a.	Details of the Project	Proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt

S. No.	Particulars	Details	
		Bioenergy Ltd. Unit-IV	
b.	Latitude and Longitude of the project site	16.11817675063628,75.55037692271418 16.12560160970244,75.55411546316188	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	11.47
		Forest Land (B)	0
		Total Land (A+B)	11.47
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	65000	
g.	EMP Cost (in lacs)	6500	
h.	Employment Details		

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Ethanol/RS/ENA/IS	Product	500	Kilo Litre per Day (KLD)	Road	Main product
Power	By-Product	10	Mega Watt (MW)	Cables	10 MW Co-generation Power Plant
DDGS	By-Product	220	TPD	Road	DDGS used as Cattle feed
Carbon dioxide (CO2)	By-Product	384	TPD	Road	CO2 plant will be installed

Details of capital and recurring cost of EMP:

BREAKUP OF EMP COST				
S. No.	Description		Capital Cost (Crores)	Recurring Cost/annum (Crores)
1.	Air Pollution management	Boiler stack + ESP + Online Monitoring System	15.0	1.5
2.	Effluent Treatment	ZED System, Process Condensate polishing unit and STP	35.0	2.5
3.	Noise & Vibration control	Installation of acoustic barriers and equipment	1.5	0.3
4.	Fugitive Emission control	Water Sprinkling system, closed storage yard	2.0	0.5
5.	Environment monitoring	Lab instrument, Online monitoring System, Third party monitoring, audit	2.0	0.7
6.	Solid waste management	Ash handling & management, Others	7.0	0.5
7.	Greenbelt & plantation development	Plantation for greenbelt	1.0	0.5
8.	Rain water harvesting	Required infrastructure	1.5	-
Total			65.0	6.5

Details of CER with proposed activities and budgetary allocation:

REVISED CER BUDGET				
S. No.	PROPOSED ACTIVITIES	IMPLEMENTATION OF EMP FOR SOCIAL AND INFRASTRUCTURE DEVELOPMENT ON THE BASIS OF PHYSICAL TARGETS		TOTAL BUDGET ALLOCATED (RS. IN LAKHS)
		Year 1	Year 2	

1.	Distribution of organic fertilizers to villagers/farmers	Rs. 30 lakhs Village Kadarkoppa	Rs.30 lakhs Village Neerabudihal	Rs. 60 lakhs
2.	Improvement network & Repair works of road	Rs. 100.0 Lakhs (2.5 km stretch of Plant approach road from Kerkalmatti village)	Rs. 100 Lakhs (2.5 km stretch of road from Kerkalmatti to Gangan budihal)	Rs. 200.0 lakhs
3.	Up gradation of Rural School infrastructure & Educational facilities- Provide Interactive smart class equipment like desktop computers, projectors, Interactive White Boards, distribution of study materials, potable water facility and solar panel installation.	Rs. 50.0 Lakhs (Govt school in Village Jalageri & Kerkalmatti) (4 nos. potable water facilities- Rs. 5 lakhs, solar panels installation- Rs. 25 lakhs, Rs 20 lakhs for desktop computers, projectors, Interactive White Boards and distributing study materials, school bags, sports equipment, etc.)	Rs. 50.0 Lakhs (Govt school in Village Neerabudihal & Gangan Budihal) (4 nos. potable water facilities- Rs. 5 lakhs, solar panels installation- Rs. 25 lakhs, Rs 20 lakhs for desktop computers, projectors, Interactive White Boards and distributing study materials, school bags, sports equipment, etc.)	Rs. 100.0 lakhs
4.	Skill development for youth- Organising Training programmes for youth/residents in Skill Development centre. Training will be provided with respect to functioning of Effluent Treatment Plant, Solid Waste Management etc.	Rs. 75.0 lakhs (Village- Kerkalmatti, Jalageri) Benefit extended to approx.100 persons)	Rs. 75.0 lakhs (Village – Kadarakoppa, Neerabudihal) Benefit extended to approx. 100 persons	Rs. 150.0 lakhs
5.	Provision of potable drinking water to nearby villages	Rs. 20.0 lakhs (Village – Kadarakoppa, Neerabudihal)	Rs. 20.0 lakhs (Village-Kerkalmatti, Jalageri)	Rs. 40.0 lakhs
6.	Health Care facilities– Strengthen the medical	Rs.150.0 Lakhs (Village Jalageri)	Rs. 150.0 Lakhs (Village Hoolageri)	Rs 300.0 lakhs

	Centers by distributing medical equipment etc., Ambulance service for 24 hours in Community health care centers; six monthly conduction of health camps and immunity development awareness program	(For medical equipments (Stethoscope, BP machine, Autoclave sterilizer, monitoring thermometer, pulse oximeter, Oxygen cylinders, surgical kit, for hospital furniture, Ambulance facility, six monthly conduction of health camps and immunity development awareness program)	(For medical equipments (Stethoscope, BP machine, Autoclave sterilizer, monitoring thermometer, pulse oximeter, Oxygen cylinders, surgical kit, for hospital furniture, Ambulance facility, six monthly conduction of health camps and immunity development awareness program)	
7.	Social Infrastructure development- Solar panels installation in nearby village areas, development of rainwater harvesting ponds	Rs. 50 Lakhs (Solar panels installation in Village Neerabudihal, Jalageri- Rs.30 lakhs, development of rainwater harvesting ponds- Rs. 20 lakhs)	Rs. 50 Lakhs (Solar panels installation in Village Kadarakoppa, Gangan Budihal - Rs.30 lakhs, development of rainwater harvesting ponds- Rs. 20 lakhs)	Rs. 100.0 lakhs
8.	Plantation- Plantation/ Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc.	Rs. 25 Lakhs (Village Neerabudihal, Jalageri) 5000 trees in each village	Rs. 25 Lakhs (Village Kadarakoppa, Gangan Budihal) 5000 trees in each village	Rs. 50.0 lakhs
TOTAL				Rs. 1000 Lakhs

ANNEXURE-5

The main issues raised during the public hearing and their action plan:

S.No.	Name of the Person	Public Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
1.	Shree Govindappa Naik, Kadarakoppa village	<ul style="list-style-type: none"> Industry has emerged as a ray of hope for farmers financially. PP will provide organic fertilizer to the farmers to increase the yield crops. 	<ul style="list-style-type: none"> The company will take appropriate measures to continue smooth operation of plant & prevent environmental pollution in all respect. Organic fertilizers will be distributed to farmers as part of CER activities. 	<p>CER Plan: Budget for distribution of organic fertilizers: Rs.60 lakhs in 2 villages for 2 years.</p>
2.	Shri Ramanagouda Naik, Kadarakoppa Village			
3.	Shri Marutayya Moti, Neerabudihal village			
4.	Shri Balavantappa Balavantappanna var, Neerabudihal village	<ul style="list-style-type: none"> Problem of dust falling from the factory in surrounding villages but this year PP has taken all appropriate action towards dust falling. Financially prosperous as even small farmers are growing sugarcane for supply to industry. 		<p>EMP Cost:</p> <p>Capital Cost: 65.0 crores</p> <p>Recurring Cost/annum: 6.5 crores. Refer Annexure – 3 above</p>
5.	Shri Marutayya Moti, Neerabudihal village			
6.	Shri Chinnappagouda Giddappagol, Jalageri village			

7.	Smt. Manjula, Dnyan Kendra Vidya Samsthe, Chitradurga			
8.	Shri Venkappa Goudar, Ex- army, Bandakeri village	<ul style="list-style-type: none"> • Employment opportunities to the surrounding villagers and farmers children will be generated by establishment of this proposed distillery unit. • Farmers in the vicinity will be financially benefitted from proposed unit. • Timely sugarcane payment to farmers. 	<p>There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons.</p> <p>100 person will be required for construction phase (Temporary 90 persons & permanent 10 persons)</p> <p><i>Source: Unskilled/semi-skilled manpower from local area and skilled from outside/local.</i></p>	
9.	Shri Krishnagouda Nadagoudar, Kerakalamatti village			
10.	Shri Shankrappa Halagatti, Hoolageri village			
11.	Shri Raju Kakaraddi, Advocate, Hoolageri village			
12.	Shri Basavaraj Nadamani, Yendigeri village			
13.	Shri Sangayya Saraganachari, Agasanakoppa village			
14.	Shri Hanamant Daddi, Ganganabudihal village			
15.	Shri Pandappa Kanasageri, Bhavalatti village	<ul style="list-style-type: none"> • Increased accessibility as farmers got benefitted from sending sugarcane to the mills after purchase of unit by MRN Foundation. 	<p>The confidence shown by villagers motivates them to do more projects.</p>	
16.	Shri Ramachandra Mailar,			

	Chinchlatti village		
17.	Shri Gurunath Shilavantar, Jalageri village		
18.	Shri Sanganna Bilagi, Yendigeri village	<ul style="list-style-type: none"> • Inadequate prices on gram, paddy & wheat. • If any problem will arise from the factory, they will request industry authorities and they will take immediate measures to solve the problems. 	<p>The company will take appropriate measures to continue smooth operation of plant & prevent environmental pollution in all respect.</p> <p>Mitigation Measures:</p> <ol style="list-style-type: none"> 1. ESP will be installed to control the suspended particulate emissions due to combustion of fuel within statutory limit of 50 mg/Nm³. 2. CO₂ generated during fermentation process will be collected and sold to vendors. 3. Spent wash generated from the analyzer column during the operation, will be concentrated in integrated & standalone Multi – Effect Evaporator (MEE). 4. The Concentrated Slop from MEE shall be burnt in the proposed 125 TPH boiler.
19.	Shri Hoovappa Rathod, Ex-Zilla Panchayat Member		

			<ol style="list-style-type: none"> 5. The Distillery will be based on “Zero Effluent Discharge”. 6. Whole Slops during grain based operation will be passed through Centrifuge Decanters for separation of suspended solids separated as Wet Cake. 7. Thin Slops from the Decanter Centrifuge will be partly recycled to process (20% to 30%) and the balance will be fed to Thin Slop Evaporation Plant for concentration of remaining solids to form Slop Syrup of 30% - 35% w/w TS and partly recycled. These will be combined & sent for drying in a Dryer. 8. The DDGS will be utilized as Cattle, poultry & fish feed ingredients. 9. Proper maintenance, oiling and greasing of machines at regular intervals will be done to reduce generation of noise. 10. Ash generated during grain based distillery operation will be given to nearby brick 	
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			<p>manufacturers in covered vehicles only.</p> <p>11. Adequate greenbelt all around the periphery of the plant will be maintained.</p> <p>12. DWGS dryer will be installed for complete drying of Solids.</p>	
20.	<p>Shri Gangayya Hiremath, Koppa S.K.village</p>	<ul style="list-style-type: none"> • A fire incident destroyed 25 acres of sugarcane crop but M/s. MRN Foundation had taken the sugarcane and paid full amount without deduction which is commendable. • Companies like M/s. MRN Foundation should grow even more. 	<ul style="list-style-type: none"> • MRN Foundation has started 03 Sugar Plant and Distillery in Badami Taluk due to this local people got more employment opportunities and farmers become economically stable. • TruAlt Bioenergy is the largest ethanol producer in Asia and the company is praised by Hon'ble Prime Minister & Minister of Petroleum. 	
21.	<p>Shri Ramaling Borenavar, Neerabudihal village</p>	<ul style="list-style-type: none"> • Road from Hoskeri Cross to Kerakalammti is poor and tractors are rolling down while transporting sugarcane and that road needs to be repaired urgently. 	<p>PP ensures that necessary action will be taken regarding repair of the road.</p>	<p>CER Plan: Repair works of road (2.5 km stretch of Plant approach road from Kerkalmatti village and 2.5 km stretch of road from Kerkalmatti to Ganganbudihal): Rs. 200 Lakhs</p>

Action Plan to the written representations:

S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
1.	Shalini Environmental Educational Society, Subhash Road, Ananthapuram u dated 10.1.24	<ul style="list-style-type: none"> • The project will provide employment opportunities to nearby people and also provide Personal protective equipment to workers. • Greenbelt will be provided as per norms. • The proposed project will be beneficial to the local people as more infrastructure development improvement in education and health facilities, Roads, availability of drinking water, increased social welfare measure taken by the company that will bring development in the nearby villages. 	<ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. • The company will provide PPEs for workers. • The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. • The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER. 	<ul style="list-style-type: none"> • 1.5 crores have been allocated for skill development of youth for better development. • 50 lakhshave been allocated for Plantation in nearby areas. • 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. • 3.0 crores have been allocated for upgradation of health facilities in nearby villages. • 2.0 crores have been allocated for repairworks of road. • 40 lakhs have been allocated for provision of potable drinking water to nearby villages
2.	K. Sreenivasa Murthy Secretary, Dharani Ever Green Welfare Society, Ballari dated 10.1.24	<p>Following suggestions given:</p> <ol style="list-style-type: none"> 1. Plantation in the surrounding villages with variety of tree, Species and herbal, fruit bearing types and to develop avenue plantation. 2. Greenbelt will be developed within the premises of the project. 3. CPCB & CREP guidelines will be followed. 	<ul style="list-style-type: none"> • The company will plant Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. • Out of the total plant area, 33% area will be developed under Greenbelt development and plantation. • Ground water will be monitored half yearly at nearby villages as part of post project monitoring. The same has been addressed in Chapter VI of the EIA/EMP report. 	<ul style="list-style-type: none"> • 50 lakhshave been allocated for Plantation in nearby areas. • 1.0 crores of EMP budget have been allocated for greenbelt development and plantation in plant premises. • Total 10.0 crores have been allocated for CER activities covering all aspects as proposed.

S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
		<p>4. Incorporate public health status and ground water status of the area.</p> <p>5. Providing the nearby villages in the employment.</p> <p>6. CSR activities will be carried out in the local area which will improve the social economic status of the local people.</p>	<ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. • CPCB & CREP guidelines will be followed. • The company will have the provision of various social economic development activities. 	
3.	CS Rangamma, Secretary, Akshara Grameena Vikas Samsthe dated 10.1.24	<ul style="list-style-type: none"> • The project will provide employment opportunities to nearby people and also provide Personal protective equipment to workers. • Greenbelt will be provided as per norms. • The proposed project will be beneficial to the local people as more infrastructure development improvement in education and health facilities, Roads, availability of drinking water, increased social welfare measure taken by the company that will bring development in the nearby villages. 	<ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. • The company will provide PPEs for workers. • The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. • The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER. 	<ul style="list-style-type: none"> • 1.5 crores have been allocated for skill development of youth for better development. • 50 lakhs have been allocated for Plantation in nearby areas. • 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. • 3.0 crores have been allocated for upgradation of health facilities in nearby villages. • 2.0 crores have been allocated for repair works of road. • 40 lakhs have been allocated for provision of potable drinking water to nearby villages
4.	B. Venkatesh, President, Haritha Educational	<p>Following suggestions given:</p> <p>1. Provide employment in</p>	<ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and 	<ul style="list-style-type: none"> • 1.5 crores have been allocated for skill development of youth for better development.

S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
	Rural Welfare Society, Uravakonda, Ananthapuram u dated 10.1.24	<p>this project for local people.</p> <p>2. Take up more plantation in this project surroundings.</p> <p>3. Provide education, Health, Economical activities for local people.</p> <p>4. CSR funds in nearby Villages.</p>	<p>raw material suppliers. The manpower required for the proposed project will be 150 persons.</p> <ul style="list-style-type: none"> The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER. 	<ul style="list-style-type: none"> 50 lakhs have been allocated for Plantation in nearby areas. 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. 3.0 crores have been allocated for upgradation of health facilities in nearby villages. Total 10.0 crores have been allocated for CER activities covering all aspects as proposed.
5.	Manjula, President, G.K. Education & Rural Urban Development Society, Challakere Road, Chitradurga dated 10.1.24	<ul style="list-style-type: none"> The project will provide employment opportunities to nearby people and also provide Personal protective equipment to workers. Greenbelt will be provided as per norms. The proposed project will be beneficial to the local people as more infrastructure development improvement in education and health facilities, Roads, availability of drinking water, increased social welfare measure taken by the company that will bring development in the nearby villages. 	<ul style="list-style-type: none"> There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. The company will provide PPEs for workers. The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER. 	<ul style="list-style-type: none"> 1.5 crores have been allocated for skill development of youth for better development. 50 lakhs have been allocated for Plantation in nearby areas. 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. 3.0 crores have been allocated for upgradation of health facilities in nearby villages. 2.0 crores have been allocated for repair works of road. 40 lakhs have been allocated for provision of potable drinking water to nearby villages

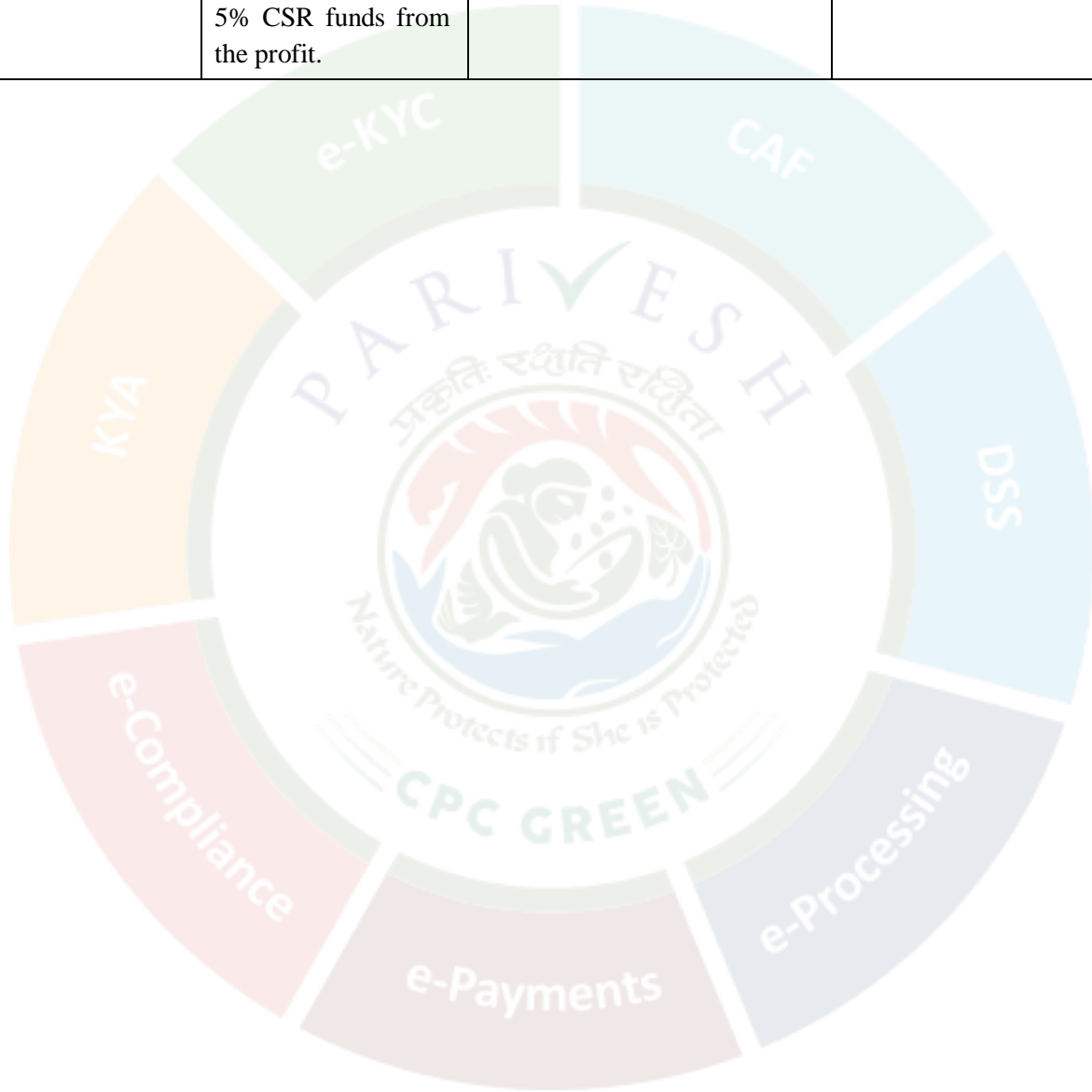
S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
6.	D. Govardhan, Secretary, Friends of the earth social services, Davangere dated 10.1.24	<ol style="list-style-type: none"> 1. The project will provide 75% of employment opportunities to nearby people. 2. Greenbelt will be provided as per norms. 3. CSR and CER activities will be carryout by the project authority. 4. Personal Protective Equipment will provide for employees. 5. The project will conduct community developmental activities like – Hospitality, Education, Self-develop groups, Irrigational facilities etc. 6. Socio economic development will improve the nearby areas. 7. The project has to take care of the sound, air and water pollutions. 	<ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. • Out of the total plant area, 33% area will be developed under Greenbelt development and plantation. • The company will have the provision of various social economic development activities- Education, health facilities, roads, and various social welfare activities. • The company will provide PPEs for workers. • The company will regularly monitor Air, Noise and water in nearby areas. 	<ul style="list-style-type: none"> • 1.5 crores have been allocated for skill development of youth for better development. • 1.0 crore of EMP budget have been allocated for greenbelt development and plantation in plant premises. • 50 lakhs have been allocated for Plantation in nearby areas. • Total 10.0 crores have been allocated for CER activities covering all aspects as proposed. • EMP capital cost of 2.0 crore and 0.7 core recurring cost have been allocated for Environment monitoring.
7.	Vootkuri Sunanda Reddy, President, Dharithri Paryavarana Parirakshana Samstha, Nalgonda, Telangana dated 08.1.24	<p>Few suggestions to maintain ecological balance and development of your Industry activity.</p> <ol style="list-style-type: none"> 1. Your consultant had already conducted baseline survey of air, water, land it is very good and satisfactory. My request is please collect the data pf 	<ul style="list-style-type: none"> • Rainwater harvesting structures (1 no. of tank 9m x 9m x 3m & 1 pond of 36m x 37m & 2.5 m) have been proposed wherein rainwater will be collected and reused in plant activities. This will reduce freshwater requirement of the plant. • The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant 	<ul style="list-style-type: none"> • EMP capital cost of 1.5 crore have been proposed for rainwater harvesting. • 50 lakhs have been allocated for Plantation in nearby areas. • 1.5 crores have been allocated for skill development of youth for better development. • Total 10.0 crores have been allocated

S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
		<p>the health status of the people, data of crop production status and groundwater availability within radius of 10 km. It is very useful in future and utilize as a parameter to take precautionary affective measures to maintain ecological balance.</p> <p>2. My humbly request you to construct water harvesting structures and storage to store rain water it is useful for you usage in industry and also develop groundwater levels in this area. And also whatever usage water for industry. Collect and storage in rain season it is useful in non rain days for your industry.</p> <p>3. Please take up village plantation in nearby villages and also avenue plantation for internal roads on which roads your vehicles transport the materials to control dust pollution. My request is you should give priority to plant fruit baring plants and medicinal</p>	<p>land/ Panchayat bhavan, etc.</p> <ul style="list-style-type: none"> • There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. • The company will have the provision of various social economic development activities through upgradation of health facilities along with six monthly conduction of health camps and immunity development awareness program, upgradation of education facilities along with rural primary education for weaker sections & various social welfare activities. 	<p>for CER activities covering all aspects as proposed.</p> <ul style="list-style-type: none"> • 3.0 crores have been allocated for upgradation of health facilities along with six monthly conduction of health camps and immunity development awareness program in nearby villages. • 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities along with rural primary education for weaker sections.

S. No .	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
		<p>value plants instead of normal plants it is very useful to control dust pollution and also available fruits in nearby villages.</p> <p>4. Please give top priority to the local educated unemployed youth to give employment in your industry.</p> <p>5. My humble request is to promote skill development training to unemployed youth to better skills useful to get employment chances in your industry remaining youth to get jobs in other places, Countries like Japan and Korea 95% of youth they got skill development in India only 5 to 6% youth skilled persons.</p> <p>6. My request is to form a co-ordination committee with you company officials, Govt. officials and PCB officials and villagers to take up plan of action of CSR budget it is very useful and meaningful to take up demand-</p>		

S. No	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
		<p>oriented works, with this activity a great credibility come to you.</p> <p>7. Please conduct health camps and motivate health immunity development awareness programs</p> <p>8. Please support rural primary education for weaker sections.</p>		
8.	T. Satti Reddy, President, Earth green development society, Vansthallpura m, Hyderabad dated 10.1.24	<p>The management proposed project beneficial to the local village people. As more infrastructure development and improvement to the network of the roads in the village area. Provide dust masks to prevent exposure of dust. Provide personal protective equipments to workers.</p> <p>Avenue the plantations at the project area and developed the surrounding villages Tighten the tarpaulin sheets on the loading vehicles. Heat near furnace area will be monitored regularly. The management conduct the medical camps to the local village people for the health point of view.</p>	<ul style="list-style-type: none"> The company will improve the network of village roads along with repair works. Proper PPEs will be provided to the workers including dust masks to prevent dust exposure. The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges/ vacant land/ Panchayat bhavan, etc. All the vehicles carrying raw material & products will be covered. The company will have the provision of various social economic development activities through upgradation of health facilities along with six monthly conduction of health camps and immunity development awareness program. Health cards will be issued. The company has been/ will be exploring increase of CSR fund which will be incurred from internal profits. 	<ul style="list-style-type: none"> 2.0 crores have been allocated for networking & repair works of road. 50 lakhs have been allocated for Plantation in nearby areas. 3.0 crores have been allocated for upgradation of health facilities along with six monthly conduction of health camps and immunity development awareness program in nearby villages.

S. No .	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation
		<p>The management issue the health cards to them.</p> <p>The company will improve memento 5% CSR funds from the profit.</p>		



COMPLIANCE FOR THE CONDITIONS OF THE ENVIRONMENTAL CLEARANCE

For TruAlt Bioenergy Limited, Unit-IV Jalageri & Ganganbudhihal Village, Badami-Taluk, Bagalkot-Dist.

EC No: File No: IA-J-11011/304/2023-IA-II (I), dated 01.08.2024

Sl. No.	EC CONDITIONS	COMPLIANCE
1.	This is in reference to your application submitted to MOEF & CC vide proposal number IA/KA/IND2/468210/2024 dated 03/04/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.	The unit duly noted with regards the grant of the EC to the proposed project under the provision of the EIA Notification 2006.
2.	The particulars of the proposal are as below i. EC Identification No. EC24A2504KA5644002N ii. File No. IA-J-11011/304/2023-IA-II(I) iii. Clearance Type Fresh EC iv. Category A v. Project/Activity Included Schedule No.5(g) Distilleries vi. Sector Industrial Projects – 2 Proposed 500 KLPD Multi-feed (B-Heavy Proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/Cane Syrup/Grain) vii. Name of Project based Distillery along with 10 MW Co-generation Power Plant at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV viii. Name of company/Organization TRUALT BIOENERGY LIMITED ix. Location of Project (District, State) BAGALKOTE, KARNATAKA x. Issuing Authority MOEF & CC xi. Application of general conditions as per EIA Notifications 2006.	The unit duly noted with regards to the particulars of the EC as mentioned.
3.	The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed establishment of 500KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co- generation Power Plant located at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt BioenergyLtd. Unit-IV.	The unit duly noted in regard to the grant of the EC for the establishment of a new distillery unit of 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co- generation Power Plant.
4.	The proposal was considered in EAC (Ind-2) meetings held on 3rd May, 2024 and 13th -14th June, 2024 wherein the project proponent and their accredited Consultant M/s. J.M. EnviroNetPvt. Ltd. (NABET certificate no. NABET/EIA/2326/RA 0308 and validity till 07th August, 2026) made a detailed presentation on the salient features of the project.	Duly noted & thanks for the consideration of EC of the distillery unit.

	The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code available above or through the following web link click here.	
5.	As per EIA Notification dated 14th Sep, 2006 and as amended on 13th June, 2019, the project falls under Category “A”, Project or Activity ‘5(g)’ Distilleries [Non-Molasses based distilleries >200 KLD or Molasses based Distilleries >100 KLD] and are appraised at Central level.	Duly noted regards the schedule of EIA Notification 2006.
6.	The details of products and capacity are enclosed at Annexure-2.	Unit diligently noted regards the production capacity of distillery plant 500 KLPD & a CPP of 10 MW capacity, as per enclosed Annexure 2.
7.	Standard Terms of Reference has been issued by Ministry vide letter no. IA-J-11011/304/2023-IA-II(I) dated 31st July, 2023. It was informed that there is no litigation pending against the project. Public Hearing for the proposed project was conducted by the Karnataka State Pollution Control Board on 10th January, 2024 at project premises chaired by Smt. Janaki K.M, I.A.S., Deputy Commissioner and Chairman, Bagalkot. The main issues raised during the public hearing and their action plan is enclosed at Annexure-5.	Unit diligently noted & once again stated here that no any litigation pending against the project. The Public hearing was conducted at project site on 10 th January 2024 under the chairmanship of Honourable Deputy Commissioner and Chairman, Bagalkot.
8.	Total land area required is 11.47 hectares. Greenbelt will be developed in total area of 3.8 hectare i.e., 33% of total project area. The estimated project cost is Rs. 650 Crores. Capital cost of EMP would be Rs 65 Crores and recurring cost for EMP would be Rs. 6.5 Crores per annum. Industry proposes to allocate Rs. 10.00 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 150 persons as direct & indirect.	Acknowledged and industry developed the green belt area @ 33% of total land, 10000 no. of plants with varieties of trees all around the factory premises as per CPCB guidelines in consultation with local DFO & will abide and followed the condition regards EMP cost. Unit will allocate the EMP along with recurring cost as mentioned & employment is 150 persons. Photographs showing greenbelt developed in the plant premises is shown in Appendix 1 .
9.	There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Protected	Duly noted & stated here that there are no any national parks,

	<p>forests etc. within 10 km distance. Only some patches of unnamed RF are present within 10 km radius. Water bodies: Gondi Mada Halla is at a distance of 3.0 km in West direction, Kalaskoppa Kere is at a distance of 4.0 km in WNW direction, Bhavi Halla is at a distance of 4.0 km in SW direction, Hire Halla is at a distance of 5.5 km in WNW direction, Vadakina Halla is at a distance of 5.5 km in SSW direction & Chiral Halla is at a distance of 6.0 km in West direction.</p>	<p>wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, etc. within a 10 km distance. Also noted Water bodies: Gondi Mada Halla is at a distance of 3.0 km in West direction, Kalaskoppa Kere is at a distance of 4.0 km in WNW direction, Bhavi Halla is at a distance of 4.0 km in SW direction, Hire Halla is at a distance of 5.5 km in WNW direction, Vadakina Halla is at a distance of 5.5 km in SSW direction & Chiral Halla is at a distance of 6.0 km in West direction.</p>
<p>10.</p>	<p>Ambient air quality monitoring was carried out at 8 locations during summer season March to May, 2023 and the baseline data indicates the ranges of concentrations as: PM10 (41.8 to 79.6 g/m³), PM2.5 (22.3 to 45.1 g/m³), SO₂ (5.3 to 10.4 g/m³), NO₂ (10 to 24.3 g/m³). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.22 g/m³, 0.56 g/m³, 0.66 g/m³ and 0.74 g/m³ with respect to PM_{2.5}, PM₁₀, SO₂ and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).</p>	<p>The company diligently adheres to all environmental protection measures and safeguards outlined in the documents submitted to the Ministry. Every recommendation presented in the EIA/EMP report regarding environmental management and risk mitigation measures relevant to the project will be efficiently implemented. In terms of environmental management, the unit ensures comprehensive monitoring of ambient air quality and stack emissions, alongside the installation of ESP, green belt development, and efficient effluent management systems to ensure strict compliance with prescribed norms. The unit carried out monthly monitoring of Ambient air quality by NABL accredited laboratory</p>

		and submitted reports regularly to KSPCB-Bagalkote office. Report attached as Appendix-2 .
11.	<p>Maximum total fresh water requirement will be 1995 CMD which will be met from surface water of Ghataprabha River. Application has been submitted to Executive Engineer, Karnataka Niravari Nigam Limited, MBC Division 01, Bagalkot vide Application No. TruAlt/ADM/WRD/GLBC/2023-24 dated 17-07-2023 for grant of authorization for abstraction of 2500 KLPD. Proposed maximum effluent generation will be 4581 CMD which will be treated through proposed Condensate Polishing Unit of capacity 5500 CMD. Domestic waste water will be treated in proposed STP of 25 KLD. The plant will be based on Zero Effluent discharge system and no effluent/treated water will be discharged outside factory premises.</p>	<p>The unit duly noted the abstraction capacity of fresh water requirement from Ghatprabha River. Application for water withdrawal permission submitted to KNNL & it is in the process of approval stage at DCM office Bengaluru.</p> <p>The company adheres to run on “Zero Liquid Discharge”. Concept Following measures have been adopted for water conservation to reduce or minimize water consumption & usage:</p> <p>Sugar Condensate: For reduce the fresh water consumption the unit has treat the excess condensate in the CPU & utilized for cooling tower make-up & for process.</p> <p>Domestic Sewage: generated domestic sewage generated from sugar & distillery treated in the ETP of sugar plant.</p> <p>The unit ensured confirmed that not discharged any treated or untreated effluent is discharged outside the premises of unit.</p> <p>Lees and process condensate treated in the PCTP/CPU distillery and same has been reused as make up water in C.T and in fermentation process.</p> <p>Sewage water treated in septic tank followed by soak pit, no any treated or untreated sewage</p>

		discharged outside the plant premises We are follow the ZLD concept.
12.	Power requirement will be 9.0 MW which will be met from proposed 10 MW Co- Generation Power Plant. 125 TPH multi-fuel (Bagasse/Conc. Spent wash + bagasse) fired boiler will be installed. APCE ESP with a stack of height of 75 m will be installed for controlling the particulate matter emissions within the statutory limit of 50 mg/Nm ³ for the proposed boiler. 2 x 1500 KVA D.G. set will be used as standby during power failure and stack height 8 m will be provided as per CPCB norms to the proposed DG sets.	Duly noted, the unit is provided a 65 TPH incineration boiler with a stack height of 75 meters & APCE as ESP and the required power will be got from the same. The unit provided a 1500 KVA DG set with a chimney height of 30 meters.
13.	<p>Details of Process emissions generation and its management:</p> <p>Electro-Static Precipitator (ESP) with stack of height (75 m) will be installed with proposed 125 TPH Boiler to control the suspended particulate matter emissions due to combustion of fuel within statutory limit of 50 mg/Nm³.</p> <p>CO₂ generated (max. 384 TPD) during fermentation process will be collected and sold to vendors as per local demand.</p> <p>Online Continuous Emission Monitoring System will be installed with the stack and data will be transmitted to CPCB/SPCB servers.</p>	<p>Duly noted, the unit is provided a 65 TPH incineration boiler with a stack height of 75 meters & APCE as ESP and the required power will be got from the same. The unit provided a 1500 KVA DG set with a chimney height of 30 meters.</p> <p>Generated CO₂ recovered through CO₂ capturing unit & sold. OCEMS system installed & connected to the CPCB/KSPCB Sever.</p>
14.	<p>Details of solid waste/Hazardous waste generation and its management:</p> <p>Concentrated spent wash (max.1251 TPD) from molasses/cane syrup-based distillery operations will be burnt in proposed 125 TPH boiler.</p> <p>Solid waste from the Grain based operations generally comprises of fibres and proteins in the form of DDGS (220 TPD) which will be ideally used as Cattle, poultry & fish feed ingredients.</p> <p>Ash (158 TPD) generated during molasses/cane syrup-based distillery operation will be given to nearby farmers due to rich potash content & Ash (12 TPD) generated during grain based distillery operation will be given to nearby brick manufacturers in covered vehicles only.</p> <p>CPU sludge & STP sludge will be dewatered in Filter press and will used as manure.</p> <p>Used oil & grease (1.0 KL/annum) generated from plant machinery/gear boxes as hazardous waste will be sold out to the CPCB authorized recyclers.</p>	<p>Following steps are taken by the Unit:</p> <ul style="list-style-type: none"> • Generated spent wash of 1251 TPD burnt in the 65 TPH incineration boiler. • DDGS of 220 TPD sold as cattle feed. • The generated boiler ash of 158 TPD from the incineration boiler is sold to the farmers as manure during

	<p>Total land of 11.47 hectares is completely under the possession of the company and already converted in to industrial use by the orders of Bagalkot District, Collector Office. EAC found the information satisfactory.</p>	<p>molasses/syrup based operation & 12 TPD of ash sold to brick manufacture during grain based operation.</p> <ul style="list-style-type: none"> • The ETP sludge & CPU sludge dewatered in filter press & same has been given to the farmers as manure. • Generated used Oil & grease given to the PCB authorized recycler namely King Enterprise. <p>CLU copies enclosed as Appendix 3</p>
<p>15.</p>	<p>During deliberations, EAC discussed following issues:</p> <p>EAC has observed that the proposed project site is situated in close proximity to integrated sugar industry and distillery. In light of this, the EAC sought clarification from the Project Proponent (PP) regarding whether any land from the aforementioned sugar industry or distillery has been utilized for the proposed project. PP has informed that adjacent land belongs to M/s Shree Kedarnath Sugar & Agro Products Limited, which has received Environmental Clearances (ECs) on March 20, 2008, and November 5, 2008, respectively. Further, PP has clarified that the proposed area of 11.47 hectares for the instant proposal does not overlap with the land covered under the aforementioned ECs.</p> <p>As suggested by EAC, PP has increased the CER budget from Rs. 6.5 Crores to Rs. 10.0 Crores for CER activities in nearby areas.</p> <p>As suggested by EAC, PP has committed that budget allocated for OHS shall be increased from Rs. 0.80 Crore to Rs. 1.00 Crore.</p> <p>As suggested by EAC, PP committed that the production capacity of distillery shall not exceed 500 KLPD in any mode or combination of feed stock of operation.</p> <p>PP has committed that the Industry will conduct quarterly ambient air quality monitoring in nearby villages around the plant through</p>	<p>Duly noted, industry stated once again here that no any land overlap with the adjacent sugar plant land for both the units are separate entity.</p> <p>The unit allocated of Rs. 10.00 Crores towards Extended EMP (CER) aligned with our Environmental Management Plan (EMP). We executed all planned activities.</p> <p>The unit adhere the condition stipulated & will not exceed 500 KLPD in any mode of operation. Unit has taken the CFE for 500 KLPD & initially we have taken CFO of 300 KLPD & now we are applied CFO for full fledged</p>

	<p>NABL approved laboratory as part of post project monitoring plan & results will be regularly submitted with the half yearly compliance report.</p> <p>PP has informed that the land approach road linking the adjacent district road to the project site will be upgraded to a metalled road and maintenance of this road shall be the borne by the Industry.</p> <p>PP has informed that fuel for the proposed 125 TPH multi-fuel boiler will be concentrated spent wash along with bagasse during molasses/syrup based operations & bagasse during grain based operations. Coal will not be used for the proposed boiler.</p> <p>Industry shall not cut any of the existing trees in the site and also ensure conservation of the same.</p>	<p>operation capacity i.e. 500 KLPD to KSPCB.</p> <p>The unit carried out monthly monitoring of Ambient air quality by NABL accredited laboratory and submitted reports regularly with Hly. Compliance report along with to KSPCB-Bagalkote office.</p> <p>The unit already upgraded/provided matalled road for project approach road & district road.</p> <p>Photographs enclosed as Appendix-4.</p> <p>The unit used concentrated spent wash & Bagasse during molasses/syrup based operations & bagasse during grain based operations & coal will not be used for the boiler.</p> <p>as fuel for boiler & ensure here that will not use coal as fuel for boiler.</p> <p>The unit ensures & abide the condition & will not cut down any existing trees in the site will also ensure here will conserve the same.</p>
16.	<p>The committee was satisfied with the response provided by PP on above information. Further, Committee desired to submit the above information in writing. Accordingly, PP has submitted the desired information and EAC found the information/commitments satisfactory.</p>	<p>The unit noted & thanks.</p>
17.	<p>The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be</p>	<p>Duly noted & unit again state and undertake here that data & information given in the application with enclosures are true & no any data/information suppressed in the report.</p>

	rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.	
18.	The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.	The unit understands, acknowledges and thanks that Environmental clearance is granted.
19.	The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.	The unit understands and acknowledges that Environmental clearance is granted subject to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. We have obtained CTE & CTO from KSPCB. Copy of CFE & CTO enclosed as Appendix 5 .
20.	Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposed establishment of 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant located at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions enclosed at Annexure-1.	The unit understands and acknowledges that Environmental clearance is granted for the establishment of 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/ Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant subject to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments.

21.	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	Diligently noted & the unit implemented all the conditions mentioned within a time-bound period.
22.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Diligently noted & assured here that we will not conceal factual data or submit false/fabricated data
23.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Duly noted.
24.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	The unit understands & acknowledges.
25.	This issues with the approval of the competent authority.	The unit understands & acknowledges.

**Annexure –I
SPECIFIC EC CONDITIONS FOR (DISTILLERIES)**

1.	Distilleries	
1.1	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented (Annexure – 3). The production capacity of the proposed distillery shall not exceed 500 KLD in any mode or combination of feedstock of operation.	The company diligently adheres to all environmental protection measures and safeguards outlined in the documents submitted to the Ministry. Every recommendation presented in the EIA/EMP report regarding environmental management and risk mitigation measures relevant to the project is currently being and will continue to be efficiently implemented. In terms of environmental management, the unit ensures comprehensive monitoring of ambient air quality and stack emissions, alongside the installation of ESP, green belt

		development, and efficient effluent management systems to ensure strict compliance with prescribed norms & ensure that will not exceed 500 KLPD in any mode of operation.
1.2	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.	Duly noted. The unit procured the CLU certificate. CLU copies enclosed as Appendix 3.
1.3	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and abstraction of surface water. State Pollution Control Board shall not issue Consent to Operate (CTO) under The Air (Prevention and Control of Pollution) Act, 1981 and The Water (Prevention and Control of Pollution) Act, 1974 till the project proponent obtains such permission. Ground water shall not be used for Industrial operations.	Industry duly noted and will abide the condition.
1.4	Total Fresh water requirement shall not exceed 1995 CMD which will be met from Ghataprabha River. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond and the accumulated water to be used as fresh water thereby reducing fresh water consumption.	Industry made all efforts to reduce fresh water intake from river to process and total fresh water will not exceed 1955 CMD. Industry taken prior permission from irrigation department for fresh water withdrawal from Ghatprabha river.
1.5	Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blow downs, washings etc. shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises	We are provided dryer followed by MEE in the case of grain based & DDGS will be used for cattle feed. Along with this provided CPU to treat the condensate, spent lees, WTP rejects, blow down boiler & cooling tower. Almost all staff/employees accommodate/stayed in Navanagar city which is nearest around 6 Km from our site, so there is no any domestic waste generated, if required in future will install the STP for treatment of domestic waste water and will ensure here that will not discharge the treated or untreated water outside the factory premises & follow the ZLD concept.

1.6	<p>The spent wash from the molasses-based distillery shall be concentrated in MEE and concentrated spent wash shall be incinerated in the incineration boiler. Other lean effluents Spent lees, MEE Condensates and utility effluents shall be treated in the condensate polishing unit (CPU) comprising of three stage RO. No wastewater or treated water from integrated unit of sugar mill and distillery shall be discharged outside the premises and Zero Liquid Discharge shall be maintained for all the units namely sugar, Distillery and Cogen Power Plant. STP shall be installed to treat sewage generated from factory premises.</p>	<p>Spent wash concentrated in the MEE & same conc. Spent wash incinerated in the incineration boiler as fuel. MEE condensate & effluent generated from utilities treated in CPU/PCTP and treated water from CPU recycled back for fermentation process and for C.T make-up and will ensure here that will not discharge the treated or untreated water outside the factory premises & follow the ZLD concept.</p> <p>Almost all staff/employees accommodate/stayed in Navanagar city which is nearest around 6 Km from our site, so there is no any domestic waste generated, if required in future will install the STP for treatment of domestic waste water.</p>
1.7	<p>Adequate numbers of groundwater quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total dissolved solids shall be monitored and report submitted to the Ministry's Regional Office.</p>	<p>Duly noted. The unit provided piezometers for monitoring the groundwater quality. Monitoring carried out on a monthly basis by a MOEF/NABL accredited lab including the mentioned parameters and the reports submitted regularly to KSPCB & MOEFCC.</p>
1.8	<p>Five field APCE Electrostatic Precipitators with 75 m high stack shall be installed for controlling the particulate matter emissions within the statutory limit of 30 mg/Nm³ for the proposed 125 TPH multi-fuel (Bagasse/Conc. Spent wash + bagasse) fired boiler. Coal shall not be used for the proposed boiler. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.</p>	<p>The company provided ESP as APCE with a stack height of 75 meters for a 65 TPH incineration boiler, for controlling the pm within the standard limit of 50 mg/Nm³. Also assures that coal will not be utilized as fuel under any circumstances. Regular monitoring of emission levels is conducted to ensure compliance with prescribed standards.</p> <p>Emission report enclosed as Appendix 6.</p>

1.9	Boiler ash (158 TPD) generated during molasses/cane syrup-based distillery operation will be given to nearby farmers due to rich potash content & Ash (12 TPD) generated during grain-based distillery operation will be given to nearby brick manufacturers in covered vehicles only. PP shall install 10% of the total power requirement in the form of solar power inside plant premises/adjacent/nearby areas. The approach road linking the adjacent district road to the project site will be upgraded to a metalled road and maintenance of this road shall be the borne by the industry.	<p>The company has been sell boiler ash of 158 TPD to farmers as manure generated during molasses/cane syrup-based distillery operation & 12 TPD sold to brick manufacturers during grain-based distillery operation.</p> <p>The unit exclusively utilizes biomass such as bagasse as fuel for the boiler.</p> <p>Furthermore, the unit will actively explore the possibilities of solar power generation within the plant premises and nearby areas.</p>
1.10	PP shall initiate study to assess the status of health of villagers, ground water, crop yield and soil conditions and submit the report to MoEFCC within 06 months. The study shall be repeated after 03 years to assess the impact of the plant operation.	The unit duly noted & complied.
1.11	CO ₂ generated (max. 384 TPD) during the fermentation process will be collected and sold to vendors as per local demand.	The unit duly noted & complied.
1.12	PP shall allocate at least Rs. 1.00 Crore as capital cost for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	<p>The unit had taken initiative steps as regular exercise for all the employees for Occupational Health & Safety as per the fund allocated.</p> <p>Routine & regular medical check-up of employees is conducted in medical Centre. Furthermore the unit organized Medical Health checkup camp on August 16th 2025 by Global Health care Kalburgi. Records & the reports for the same maintain with us.</p> <p>Furthermore, the unit provided required safety kits/masks for their personal protection.</p>
1.13	Training shall be imparted to all employees on the safety and health aspects of chemical handling. Safety and visual reality training shall be provided to employees.	Unit provides training to all employees on continuous basis

		regarding their health and safety aspects with chemical handling.
1.14	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained. Location of ethanol storage tanks shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary.	The company made all the required arrangements for the protection of possible fire hazards, which are as follows: Fire extinguishers provided for readily accessible for immediate use in all parts of the occupancy. Adequate dust suppression measures provided to prevent fugitive emissions and also the risk of fire. Similar measures adopted for loading/unloading operations. All necessary medical facilities for first aid provided in the factory premises. An emergency escape route marked at all places in the industry towards a designated assembly point. Fire fighting measures provided.
1.15	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the location of the leak source and the probable leaked quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, Risk Mitigation plan shall be in place.	The unit duly noted & complied.
1.16	Company shall determine the distance of fire hydrant while finalizing its location from ethanol storage tanks or any other hazardous storage substance shall be based on dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.	The unit duly noted & complied.
1.17	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	The unit duly noted & complied.
1.18	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as	The following steps has taken by the Unit:

	<p>raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.</p>	<ul style="list-style-type: none"> • A system for metering and controlling the quantities of active ingredients provided in place. The system has designed to optimize the use of these ingredients, thereby reducing waste and promoting efficient use for this unit provided CPU. • Unit provided with automated filling to minimize spillage and a closed feed system. • The ash generated from the boiler will be sell to the brick manufacturers. <p>Unit provided high pressure hoses to reduce waste water generation.</p>
1.19	<p>The green belt of at least 5-10 m width shall be developed in nearly 3.8 hectares i.e., 33 % of the total project area with tree density @ 2500 trees per hectare, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 varieties of species as a part of the greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before the commissioning of the plant. Industry shall not cut any of the existing trees in the site and also ensure the conservation of the same. Trees shall be planted in the Green Belt under the campaign #Plant4Mother #एक पेड़ माँ के नाम and uploaded on the MeriLiFE portal (https://merilife.nic.in/).</p>	<p>Acknowledged and industry developed the green belt area with 20 no. of variety of saplings @ 33% of total land, 10000 no. Of plants with varieties of trees all around the factory premises as per CPCB guidelines in consultation with local DFO</p> <p>The unit celebrated World Environment Day with the planation of 500 number of trees inside the premises along with taken awareness programme & plantation programme at Govt. School Jalageri Village, conducting with essay, drawing & speech competition. Photographs for the same enclosed as Appendix-7</p> <p>The unit also registered on Meri Life Portal, will upload it.</p>

1.20	PP proposed to allocate Rs. 10.00 Crores towards extended EMP (CER) Annexure – (4 & 5) which shall be spent as submitted in CER plan. Further, all the proposed activities under CER shall be completed within in consultation with District Administration.	The unit allocated of Rs. 10.00 Crores towards Extended EMP (CER) aligned with our Environmental Management Plan (EMP).
1.21	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. At least 15% of total project area shall be allotted solely for parking purposes with facilities like rest rooms etc. The parking area will be relocated in South of the drain as per the revised layout plan submitted by the PP. The network of village roads in the plant vicinity shall be maintained by the unit.	Adequate parking area is provided within the plant premises for loading and unloading of the raw materials, finished products and by-products. Unit is allotted 15 % of the area which encompasses 1.7 hectare of the total project area
1.22	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	Dust pollution and fugitive emissions are controlled by providing a raw material covered storage area, closed handling & conveyance of chemicals/materials, and a water sprinkling system. All stockpiles constructed over impervious soil and garland drains to avoid the mixing of accidental spillages with domestic wastewater. Covered sheds and wind-breaking walls/curtains provided around the biomass storage area. Roads within the premises has concreted/paved to avoid vehicular emissions. In the event of failure of any pollution control system, the unit will not be restarted until the control measures are rectified to achieve the desired efficiency.
1.23	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. Industry shall conduct ambient air quality monitoring atleast at 03 sites in nearby villages around the plant as per CPCB's siting criteria guidelines and ensure their operation as per NAAQS 2009 through NABL approved	Continuous online monitoring has installed for stack emissions and for effluent and the data on a real-time basis is being transferred to servers of CPCB and KSPCB.

	laboratory as part of post project monitoring plan & results shall be regularly submitted with the half yearly compliance report.	
1.24	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to the Head of Organization/Director/CEO as per company hierarchy.	The unit has already set up a separate environmental management cell equipped with full-fledged laboratory facilities to carry out the environmental management and monitoring functions, hierarchy has set up as per conditions stipulated.
1.25	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	The unit will advocate for awareness and is responsible for raising awareness and promoting understanding among individuals within and around the project area regarding the prohibition of single-use plastic. This effort aims to ensure adherence to the Notification released by MOEFCC on August 12, 2021. The six-monthly compliance report to the relevant authority must include a detailed account, supported by photographs, of the initiatives taken in this regard.
GENERAL CONDITIONS:		
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Trualt Bioenergy Ltd. Unit 04 ensures that no further expansion or modification in the plant will be undertaken without prior approval from the Ministry of Environment, Forest & Climate Change (MoEFCC)/SEIAA. Prior approval will be sought from the concerned authority if required. In the event of any deviations or alterations in the project proposal from those originally submitted to this Ministry for clearance, the unit guarantees that a fresh reference will be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to

		incorporate any additional environmental protection measures deemed necessary.
1.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	For Lighting purposes, we prioritizing towards the LED lights for ensuring Energy Conservation and Environment Betterment.
1.3	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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The overall noise levels in and around the plant area has been maintained well within prescribed standards through the adoption of adequate mitigation measures such as good maintenance practices, installation of acoustic hoods and enclosures at noise sources, and the use of personal protective equipment. Regular noise surveys conducted at strategic locations to monitor the noise levels. Ambient noise level monitoring has been conducted regularly to ensure compliance with prescribed limits. Noise level report attached as Appendix 8.
1.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The company has taken various measures to improve the socio-economic conditions of the surrounding area. The company has implemented the CER activities with the involvement of local villages and administrations. The company is involved in various society welfare programmes and ensures to work efficiently in the future as well.
1.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	The company has been obligated to allocate an adequate budget for capital costs and recurring costs per annual expenses to meet the requirements outlined by the Ministry of Environment, Forest and Climate Change, as well as the

		State Government. This includes adhering to the specified implementation schedule for all conditions mentioned herein. It will be expressly prohibited from redirecting the allocated funds for environmental management or pollution control measures to any other purpose.
1.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	The copy of clearance letter was sent to local authorities after it was obtained and no Objections/suggestions were received from them.
1.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	The six-monthly compliance reports has submitted to the concerned authorities with supporting documents. The company ensures has posted the EC along with six monthly compliance report on the website of company.
1.8	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	Acknowledged and industry adhere the condition and will submit the environmental statement for each financial year ending to KSPCB & RO MOEF & CC.
1.9	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.	The unit will inform both the Regional Office and the Ministry regarding the date of financial closure, final approval of the project by the concerned authorities, and the date of the project's commencement.
1.10	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	The unit understands and acknowledges that Environmental clearance is granted subject to the final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT, and any other Court of Law.

1.11	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 and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	It was publicly informed that environmental clearance letter has been obtained from MoEF&CC, Delhi, via public notices in local newspapers namely, 'Deccan Herald' and 'Prajawani' on 17 th May 2024. Advertisement Publication enclosed as Annexure 9 .
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Details of the Project

Sl.no	Particulars	Compliance								
a.	Details of the Project Proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/Cane Syrup/Grain) based Distillery along with 10 MW Co-generation Power Plant at Village Jalageri, Tehsil Badami, District Bagalkot, Karnataka by M/s. TruAlt Bioenergy Ltd. Unit-IV.	Unit duly noted.								
b.	Latitude and Longitude of the project site	16.11817675063628,75.55037692271418 16.12560160970244,75.55411546316188	Unit duly noted.							
c.	Land Requirement (in Ha) of the project or activity	<table border="1" style="width: 100%;"> <thead> <tr> <th>Nature of Land involved</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>Non-Forest Land (A)</td> <td>11.47</td> </tr> <tr> <td>Forest Land (B)</td> <td>0</td> </tr> <tr> <td>Total Land (A+B)</td> <td>11.47</td> </tr> </tbody> </table>	Nature of Land involved	Area in Ha	Non-Forest Land (A)	11.47	Forest Land (B)	0	Total Land (A+B)	11.47
Nature of Land involved	Area in Ha									
Non-Forest Land (A)	11.47									
Forest Land (B)	0									
Total Land (A+B)	11.47									
d.	Date of Public Consultation	Public consultation for the project was held on								
e.	Rehabilitation and Resettlement (R&R) involvement	NO								
f.	Project Cost (in lacs)	65000								
g.	EMP Cost (in lacs)	6500								
h.	Employment Details									

Details of Products & By products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport	Remarks (eg. CAS number)

				Transm ission			Unit duly noted.
Ethanol/ RS/EN A/IS	Product	500	Kilo Litre per Day (KLD)	Road	Main product		
Power	By- Product	10	Mega Watt (MW)	Cables	10 MW Co- generation Power Plant		
DDGS	By- Product	220	TPD	Road	DDGS used as Cattle feed		
Carbon dioxide (CO2)	By- Product	384	TPD	Road	CO2 plant will be installed		

ANNEXURE 3
DETAILS OF CAPITAL AND RECURRING COST OF EMP
BREAK UP OF EMP COST

Sl. no.	Description		Capital Cost in Crores	Recurring Cost/annum (Crores)	Unit duly noted.
1	Air Pollution management	Boiler stack + ESP + Online Monitoring System	15.0	1.5	
2	Effluent Treatment	ZED System, Process Condensate polishing unit and STP	35.0	2.5	
3	Noise & Vibration control	Installation of acoustic barriers and equipment	1.5	0.3	
4	Fugitive Emission control	Water Sprinkling system, closed storage yard	2.0	0.5	
5	Environmen t monitoring	Lab instrument, Online monitoring System, Third party monitoring, audit	2.0	0.7	
6	Solid waste management	Ash handling & management, Others	7.0	0.5	
7	Greenbelt & plantation developmen t	Plantation for greenbelt	1.0	0.5	
8	Rain water harvesting	Required infrastructure	1.5	-	
Total			65.0	6.5	

ANNEXURE 4

**Details of CER with proposed activities and budgetary allocation:
REVISED BUDGET**

Sl. no.	Proposed Activities	Implementation of EMP for Social and Infrastructure Development on the basis of physical target		Total Budget allocated in Rs. Lakhs
		Year 1	Year 2	
1	Distribution of organic fertilizers to villagers/farmers	Rs. 30 lakhs Village Kadarkoppa	Rs.30 lakhs Village Neerabudihal	Rs. 60 lakhs
2	Improvement network & Repair works of road	Rs. 100.0 Lakhs (2.5 km stretch of Plant approach road from Kerkalmatti village)	Rs. 100 Lakhs (2.5 km stretch of road from Kerkalmatti to Gangan budihal)	Rs. 200.0 lakhs
3	Up gradation of Rural School infrastructure & Educational facilities- Provide Interactive smart class equipment like desktop computers, projectors, Interactive White Boards, distribution of study materials, potable water facility and solar panel installation.	Rs. 50.0 Lakhs (Govt school in Village Jalageri & Kerkalmatti) (4 nos. potable water facilities- Rs. 5 lakhs, solar panels installation- Rs. 25 lakhs, Rs 20 lakhs for desktop computers, projectors, Interactive White Boards and distributing study materials, school bags, sports equipment, etc.)	Rs. 50.0 Lakhs (Govt school in Village Neerabudihal & Gangan Budihal) (4 nos. potable water facilities- Rs. 5 lakhs, solar panels installation- Rs. 25 lakhs, Rs 20 lakhs for desktop computers, projectors, Interactive White Boards and distributing study materials, school bags, sports equipment, etc.)	Rs. 100.0 lakhs
4	Skill development for youth- Organising Training	Rs. 75.0 lakhs (Village- Kerkalmatti, Jalageri)	Rs. 75.0 lakhs (Village – Kadarakoppa, Neerabudihal) Benefit extended	Rs. 150.0 lakhs

Unit duly noted.

	programmes for youth/residents in Skill Development centre. Training will be provided with respect to functioning of Effluent Treatment Plant, Solid Waste Management etc.	Benefit extended to approx.100 persons)	to approx. 100 persons		
5	Provision of potable drinking water to nearby villages	Rs. 20.0 lakhs (Village – Kadarakoppa, Neerabudihal)	Rs. 20.0 lakhs (Village- Kerkalmatti, Jalageri)	Rs. 40.0 lakhs	
6	Health Care facilities– Strengthen the medical Centers by distributing medical equipment etc., Ambulance service for 24 hours in Community health care centers; six monthly conduction of health camps and immunity development awareness program	Rs.150.0 Lakhs (Village Jalageri) (For medical equipments (Stethoscope, BP machine, Autoclave sterilizer, monitoring thermometer, pulse oximeter, Oxygen cylinders, surgical kit, for hospital furniture, Ambulance facility, six monthly conduction of health camps and immunity development awareness program)	Rs. 150.0 Lakhs (Village Hoolageri) (For medical equipments (Stethoscope, BP machine, Autoclave sterilizer, monitoring thermometer, pulse oximeter, Oxygen cylinders, surgical kit, for hospital furniture, Ambulance facility, six monthly conduction of health camps and immunity development awareness program)	Rs 300.0 lakhs	

7	Social Infrastructure development- Solar panels installation in nearby village areas, development of rainwater harvesting ponds	Rs. 50 Lakhs(Solar panels installation in Village Neerabudihal, Jalageri- Rs.30 lakhs, development of rainwater harvesting ponds- Rs. 20 lakhs)	Rs. 50 Lakhs (Solar panels installation in Village Kadarakoppa, Gangan Budihal - Rs.30 lakhs, development of rainwater harvesting ponds- Rs. 20 lakhs)	Rs. 100.0 lakhs	
8	Plantation-Plantation/ Avenue plantation along roadside, tree plantation in near by schools/colleges/ vacant land/ Panchayat bhavan, etc.	Rs. 25 Lakhs (Village Neerabudihal, Jalageri) 5000 trees in each village	Rs. 25 Lakhs (Village Kadarakoppa, Gangan Budihal) 5000 trees in each village	Rs. 50.0 lakhs	
Total Rs.				1000 Lakhs	

ANNEXURE 5
The main issues raised during the public hearing and their action plan;
REVISED CER BUDGET

Sl.no	Name of the person	Public Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation	
1	Shri Govindappa Naik Kadarkoppa Village	Industry has emerged as a ray of hope for farmers financially.	▪The company Will take appropriate measures to continue mooth operation of plant & prevent environmental pollution in all respect.	CER Plan: Budget for distribution of organic fertilizers: Rs.60 lakhs in 2 villages for 2 years	Unit duly noted.
2	Shri Ramangouda Naik Kadarkoppa Village	▪ PP will provide organic fertilizer to the			

3	Shri Marutaraya Moti Neerbudhihal village	farmers to increase the yield crops.	•Organic fertilizers will be distributed to farmers as part of CER activities.	
4	Shri Balvantappa Balvantappanavar Neerbudhihal village	▪ Problem of dust falling from the factory in surrounding villages but this year PP has taken all appropriate steps towards dust falling.		EMP Cost: Capital cost 65 crores Recurring Cost/annum: 6.5 crores. Refer Annexure – 3 above
5	Shri Marutaraya Moti Neerbudhihal village			
6	Shri Chinnappagouda Giddappagol Jalgeri Village	▪Financially prosperous as even small farmers are growing sugarcane for supply to industry.		
7	Shri Manjula Dnyan Kendra Vidya Sansthe Chitradurga			
8	Shri Venkatgoudar Ex army Bandakeri village	▪ Opportunities to the surrounding villagers and farmers children will be generated by establishment of this proposed distillery unit.	There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons.	
9	Shri Krishnagouda Nadgoudar Kerkalmatti village			
10	Shri Shankareppa Halgatti Hulgeri Village	▪Farmers in the vicinity will be financially benefitted from proposed unit.	100 person will be required for construction phase (Temporary 90 persons & permanent 10 persons)	
11	Shri Raju Kakreddi Advocate Hulgeri village			
12	Shri Basavraj Nadmani Yendigeri Village	▪Timely sugarcane payment to farmers.	<i>Source: Unskilled/ semi-skilled manpower from</i>	
13	Shri Sangayya sarganchari			

	Agasankoppa village		<i>local area and skilled from outside/local.</i>		
14	Shri hanmant Daddi Ganganbudhihal village	<ul style="list-style-type: none"> ▪ Increased accessibility as farmers got benefitted from sending sugarcane to the mills after purchase of unit by MRN Foundation. 	The confidence shown by villagers motivates them to do more projects.		
15	Shri Panadappa Kanasageri Bhavalatti village				
16	Shri Ramchandra Mailar Chinchlatti village				
17	Shri Gurunath Shilvantar Jalgeri village				
18	Shri Ganganna Bilagi Yendigeri village	<ul style="list-style-type: none"> ▪ Inadequate prices on gram, paddy & wheat. ▪ If any problem will arise from the factory, they will request industry authorities and they will take immediate measures to solve the problems. 	The company will take appropriate measures to continue smooth operation & prevent environmental pollution in all respect Mitigation measures: 1. ESP will be installed to Control the suspended particulate emissions due to combustion of fuel within statutory limit of 50 mg/Nm ³ . 2. CO ₂ generated during fermentation process will be collected and sold to vendors. 3. Spent wash generated from the analyzer		
19	Shri Huvappa Rathod Ex ZP Member				

			<p>column during the operation, will be concentrated in integrated & standalone Multi-Effect Evaporator (MEE).</p> <p>4.The Concentrated Slop from MEE shall be burnt in the proposed 125 TPH boiler.</p> <p>5.The Distillery will be based on "Zero Effluent Discharge".</p> <p>6.Whole Slops During grain based operation will be passed through Centrifuge Decanters for separation of suspended solids separated as Wet Cake.</p> <p>7.Thin Slops from the Decanter Centrifuge will be partly recycled to process (20% to 30%) and the balance will be fed to Thin Slop Evaporation Plant for concentration of remaining solids to form Slop Syrup of 30% - 35% w/w TS and partly recycled. These will be combined & sent for drying in a Dryer.</p> <p>8.The DDGS will be utilized as Cattle, poultry & fish feed</p>		
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			<p>Ingredients.</p> <p>9. Proper maintenance, oiling and greasing of machines at regular intervals will be done to reduce generation of noise.</p> <p>10. Ash generated during grain based distillery operation will be given to nearby brick manufacturers in covered vehicles only.</p> <p>11. Adequate greenbelt all around the periphery of the plant will be maintained.</p> <p>12. DWGS dryer will be installed for complete drying of Solids.</p>	
20	Shri Gangayya Hiremath Koppa SK village	<ul style="list-style-type: none"> ▪ A fire incident destroyed 25 acres of sugarcane crop but M/s. MRN Foundation had taken the sugarcane and paid full amount without deduction which is Commendable . ▪ Companies like M/s. MRN Foundation should grow even more. 	<ul style="list-style-type: none"> ▪ MRN Forundation has started 03 Sugar Plant and Distillery in Badami Taluk due to this local people got more employment opportunities and farmers become economically stable. ▪ TruAlt Bioenergy is the largest ethanol producer in Asia and the company is praised by Hon'ble Prime Minister & Minister of Petroleum. 	

21	Shri Ramlinga Borenavar Neerbudhihal village	<ul style="list-style-type: none"> Road from Hoskeri Cross to Kerakalamti is poor and tractors are rolling down while transporting sugarcane and that Road needs to be repaired urgently. 	PP ensures that necessary action will be taken regarding repair of the road.	CER Plan: Repair works of road (2.5 km stretch of Plant approach road from Kerkalmatti village and 2.5 km stretch of road from Kerkalmatti to Ganganbudihal): Rs. 200 Lakhs	
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ACTION PLAN TO THE WRITTEN REPRESENTATIVES

S.no.	Name of the Person	Written Comments/ objections/ suggestions in brief	Reply of Project Proponent	Action Plan along with budgetary allocation	
1.	Shalini Environmental Educational Society, Subhash Road, Ananthapuram u dated 10.1.24	<ul style="list-style-type: none"> The project will provide employment opportunities to nearby people and also provide Personal protective equipment to workers. Greenbelt will be provided as per norms. The proposed project will be beneficial to the local people as more infrastructure development improvement in education and health facilities, Roads, 	<ul style="list-style-type: none"> There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. The company will provide PPEs for workers. The company will carry out Avenue plantation along roadside, tree plantation in 	<ul style="list-style-type: none"> 1.5 crores have been allocated for skill development of youth for better development. 50 lakh have been allocated for Plantation in nearby areas. 1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. 3.0 crores have been allocated for upgradation of health facilities 	Unit duly noted..

		availability of drinking water, increased social welfare measure taken by the company that will bring development in the nearby villages.	nearby schools/colleges / vacant land/ Panchayat bhavan, etc. <ul style="list-style-type: none"> The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER 	in nearby villages. <ul style="list-style-type: none"> 2.0 crores have been allocated for repairworks of road. 40 lakhs have been allocated for provision of potable drinking water to nearby villages 	
2.	K. Sreenivasa Murthy Secretary, Dharani Ev er Green Welfare Society, Ballari dated 10.1.24	Following suggestions given: 1. Plantation in the surrounding villages with variety of tree, Species and herbal, fruit bearing types and to develop avenue plantation. 2. Greenbelt will be developed within the premises of the project. 3. CPCB & CREP guidelines will be followed. 4. Incorporate public health status and ground water status of the area. 5. Providing the nearby villages in the employment. 6. CSR activities will be carried out in the local	<ul style="list-style-type: none"> The company will plant Avenue plantation along roadside, tree plantation in nearby schools/colleges / vacant land/ Panchayat bhavan, etc. Out of the total plant area, 33% area will be developed under Greenbelt development and plantation. Ground water will be monitored half yearly at nearby villages as part of post project monitoring. The same has been addressed in Chapter VI of the EIA/EMP report. There will be direct & indirect 	<ul style="list-style-type: none"> 50 lakhshave been allocated for Plantation in nearby areas. 1.0 crores of EMP budget have been allocated for greenbelt development and plantation in plantpremises. Total 10.0 crores have been allocated for CER activities covering all aspects as proposed. 	

		<p>area which will improve the social economic status of the local people.</p>	<p>jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons.</p> <ul style="list-style-type: none"> ▪CPCB & CREP guidelines will be followed. ▪The company will have the provision of various social economic development activities. 	
3.	<p>CS Rangamma , Secretary, Akshara Grameena Vikas Samsthe dated 10.1.24</p>	<ul style="list-style-type: none"> ▪The project will provide employment opportunities to nearby people and also provide Personal protective equipment to workers. ▪Greenbelt will be provided as per norms. ▪The proposed project will be beneficial to the local people as more infrastructure development improvement in Education and health facilities, Roads, availability of drinking water, 	<ul style="list-style-type: none"> ▪There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. ▪The company will provide PPEs for workers. ▪The company will carry out Avenue plantation along roadside, tree plantation in nearby 	<ul style="list-style-type: none"> ▪1.5 crores have been allocated for skill development of youth for better development. ▪50 lakhs have been allocated for Plantation in nearby areas. ▪1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities. ▪3.0 crores have been allocated for upgradation of health facilities in nearby villages.

		increased social welfare measure taken by the company that will bring development in the nearby villages.	schools/colleges / vacant land/ Panchayat bhavan, etc. ▪The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER.	V2.0 crores have been allocated for repair works of road. ▪40 lakhs have been allocated for provision of potable drinking water to nearby villages
4.	B. Venkatesh, President, Haritha Educational Rural Welfare Society, Uravakonda, Ananthapuramu dated 10.1.24	Following suggestions given: 1. Provide employment in this project for local people. 2. Take up more plantation in this project surroundings. 3. Provide education, Health, Economical activities for local people. CSR funds in nearby Villages.	▪ There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. ▪ The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges / vacant land/ Panchayat bhavan, etc. ▪The company will propose various social economic development activities-	▪1.5 crores have been allocated for skill development of youth for better Development. 50 lakhs have been allocated for Plantation in nearby areas. ▪1.0 crore have been allocated for up gradation of School infrastructure & Educational facilities. ▪3.0 crores have been allocated for up gradation of health facilities in nearby villages. ▪Total 10.0 crores have been allocated for CER activities covering all aspects as proposed.

			Education, health facilities, roads, and various social welfare activities as part of CER.		
5.	Manjula, President, G.K. Education & Rural Urban Development Society, Challakere Road, Chitradurg a dated 10.1.24	<ul style="list-style-type: none"> ▪ The project will provide employment opportunities to nearby people and also provide Personal Protective equipment to workers. ▪ Greenbelt will be provided as per norms. ▪ The proposed project will be beneficial to the local people as more infrastructure development improvement in education and health facilities, Roads, availability of drinking water, increased social welfare measure taken by the company that will bring development in the nearby Villages. 	<ul style="list-style-type: none"> ▪ There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. ▪ The company will provide PPEs for workers. ▪ The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges / vacant land/ Panchayat bhavan, etc. The company will propose various social economic development activities- Education, health facilities, roads, and various social welfare activities as part of CER. 	<ul style="list-style-type: none"> ▪ 1.5 crores have been allocated for skill development of youth for better development. ▪ 50 lakhs have been allocated for Plantation in nearby areas. ▪ 1.0 crore have been allocated for up gradation of School infrastructure & Educational facilities. ▪ 3.0 crores have been allocated for up gradation of health facilities in nearby villages. ▪ 2.0 crores have been allocated for repair works of road. ▪ 40 lakhs have been allocated for provision of potable drinking water to nearby villages 	

6.	D. Govardhan, Secretary, Friends of the earth social services, Davangere dated 10.1.24	<p>1. The project will provide 75% of employment opportunities to nearby people.</p> <p>2. Greenbelt will be provided as per norms.</p> <p>3. CSR and CER activities will be carryout by the project authority.</p> <p>4. Personal Protective Equipment will Provide for employees.</p> <p>5. The project will conduct community developmental activities like – Hospitality, Education, Self-develop groups, Irrigational facilities etc.</p> <p>6. Socio economic development will improve the near by areas.</p> <p>7. The project has to take care of the sound, air and water pollutions.</p>	<p>▪There will be direct & indirect jobs and business opportunities to the local labour, transporters and raw material suppliers. The manpower required for the proposed people such as daily wage project will be 150 persons.</p> <p>▪Out of the total plant area, 33% area will be developed under Greenbelt development and plantation.</p> <p>▪The company will have the provision of various social economic development activities- Education, health facilities, roads, and various social welfare activities.</p> <p>▪The company will provide PPEs for workers.</p> <p>▪The company will regularly monitor Air, Noise and water in nearby areas.</p>	<p>▪1.5 crores have been allocated for skill development of youth for better development.</p> <p>▪1.0 crore of EMP budget have been allocated for greenbelt development and plantation in plant premises.</p> <p>▪50 lakhs have been allocated for Plantation in nearby areas.</p> <p>Total 10.0 crores have been allocated for CER activities covering all aspects as proposed.</p> <p>EMP capital cost of 2.0 crore and 0.7 core recurring cost have been allocated for Environment monitoring.</p>	
7.	Sunanda Reddy, President, Dharithri Paryavaran	Few suggestions to maintain ecological balance and development of	▪Rainwater harvesting structures (1 no. of tank 9m x 9m x 3m & 1 pond of	▪EMP capital cost of 1.5 crore have been proposed for	

<p>a Parirakshan a Samstha, Nalgonda, Telangana dated 08.1.24</p>	<p>your Industry activity.</p> <p>1. Your consulta nt had already conducted baseline survey of air, water, land it is very good and satisfactory. My request is please collect the data pf the health status of the people, data of crop production status and Groundwater availability within radius of 10 km. It is very useful in future and utilize as a parameter to take precautionary affective measures to maintain ecological balance.</p> <p>2. My humbly request you to cont water having structures and storage store rain water it is useful for you usage in industry and also develop groundwater levels in this area. And also whatever usage water for industry. Collect and storage in</p>	<p>36m x 37m & 2.5 m) have been proposed wherein rainwater will be collected and reused in plant activities. This will reduce freshwater requirement of the plant.</p> <ul style="list-style-type: none"> ▪The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges / vacant land/ Panchayat bhavan, etc. ▪There will be direct & indirect jobs and business opportunities to the local people such as daily wage labour, transporters and raw material suppliers. The manpower required for the proposed project will be 150 persons. ▪The company will have the provision of various social economic development activities through up of health facilities along with six monthly conduction of 	<p>rainwater harvesting.</p> <ul style="list-style-type: none"> ▪50 lakhs have been allocated for Plantation in nearby areas. ▪1.5 crores have been allocated for skill development of youth for better development. ▪Total 10.0 crores have been allocated for CER activities covering all aspects as proposed. ▪3.0 crores have been allocated for upgradation of health facilities along with six-monthly conduction of healthcamps and immunity development awareness program in nearby villages. ▪1.0 crore have been allocated for upgradation of School infrastructure & Educational facilities along with rural primary education for weaker sections. 		
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		<p>rainseason it is useful in non rain days for your industry.</p> <p>3. Please take up village plantation in nearby villages and also avenue plantation for internal roads on which roads your vehicles transport the materials to control dust pollution. My request is you shoul give priority to plant fruit baring plants and medicinal value plants instead of normal plants it is very useful to control dust pollution and also available fruits in nearby villages.</p> <p>4. Please give top priority to the local educated unemployed youthto give employment in your industry.</p> <p>5. My humble request is to promote skill development training to unemployed youth to better skills useful to get employment chances in your industry</p>	<p>health camps and immunity development awareness program , upgradation of education facilities along with rural primary education for weaker sections &various social welfare activities.</p>		
--	--	--	---	--	--

		<p>remaining youth to get jobs in other places, Countries like Japan and Korea 95% of youth they got skill development in India only 5 to 6% youth skilled persons.</p> <p>6. My request is to form a co-ordination committee with you company officials, Govt. officials and PCB officials and villagers to take up plan of action of CSR budget it is very useful and meaningful to take Up demand-oriented works, with this activity a great credibility come to you.</p> <p>7. Please conduct health camps and motivate health immunity development awareness programs</p> <p>8. Please support rural primary education for weaker sections.</p>			
8.	T. Satti Reddy, President, Earth green developme	The management proposed project beneficial to the local village	<ul style="list-style-type: none"> ▪The company will improve the network of village roads 	<ul style="list-style-type: none"> ▪2.0 crores have been allocated for networking & repair works of road. 	

<p>nt society, Vansthallpura m, Hyderabad dated 10.1.24</p>	<p>people. As more infrastructure development and improvement to the network of the roads in the village area. Provide dust masks to prevent exposure of dust. Provide personal protective equipment's to workers. Avenue the plantations at the project area and developed the surrounding villages Tighten the tarpaulin sheets on the loading vehicles. Heat near furnace area will be monitored regularly. The management conduct the medical camps to the local village people for the health point of view. The management issue the health cards to them. The company will improve memento 5% CSR funds from the profit.</p>	<p>along with repair works. <ul style="list-style-type: none"> ▪ Proper PPEs will be provided to the workers including dust masks to prevent dust exposure. ▪ The company will carry out Avenue plantation along roadside, tree plantation in nearby schools/colleges / vacant land/ Panchayat bhavan, etc. ▪ All the vehicles carrying raw material & products will be covered. ▪ The company will have the provision of various social economic development activities through up gradation of health facilities along with six monthly conduction of health camps and immunity development awareness program . Health cards will be issued. ▪ The company has been/ will be exploring increase of CSR fund which will be </p>	<p>▪ 50 lakhs have been allocated for Plantation in nearby areas. ▪ 3.0 crores have been allocated</p> <p>For up gradation of health facilities along with six monthly conduction of health camps and immunity development awareness program in nearby villages.</p>	
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			Incurred from internal profits.		
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GREEN BELT DEVELOPMENT





CIN: U74900KA2013PTC069193

MOU WITH VARIOUS EDUCATIONAL,
GOVERNMENT AND PRIVATE AGENCIES

**NICHROME TESTING LABORATORY
AND RESEARCH PRIVATE LIMITED**

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR
DHARWAD, KARNATAKA, INDIA PIN: 580 008
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TESTING / CONSULTING / ENGINEERING / TRAINING

Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

TEST REPORT

Name of Customer and Address:
TRUALT BIOENERGY LIMITED,
Unit-IV, New Sugar Mill, Near Village
Kerakalmatti, Badami Taluk,
Bagalkot-587206

Customer Reference:

PO NO : 7200000768
Date : 05-02-2025

Sampling Location:

Near Main Gate

Sample Description:

PM₁₀ & PM_{2.5} Filter Papers, SO₂ & NO₂ Solutions

Report Number: JAN/26-27/290
Sample Number: JAN/26-27/290
Type of Sample: AIR – AMBIENT
Discipline : Chemical
Group: Atmospheric Pollution
Sample Collected by: Nichrome Testing Laboratory and
Research Private Limited
APHA 24th EDITION, 1060
Sampling Method: Grab
Particulars of Sample Collected: 26°C
Environmental Condition: 26°C
Date of Collection: 20/01/2026
Date of Sample Receipt: 20/01/2026
Date of Analysis Started: 21/01/2026
Date of Completion: 23/01/2026
Date of Report: 23/01/2026
Wind Direction: South East
Specification Standard: NAAQ

RESULTS

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	PM ₁₀	µg/m ³	IS 5182(Part-23)	IS 5182(Part-23)	84.3	100
2	PM _{2.5}	µg/m ³	IS 5182 (Part-24)	IS 5182(Part-24)	41.8	60
3	Sulphur di Oxide	µg/m ³	IS 5182(Part-2)	IS 5182(Part-2)	5.90	80
4	Oxides of Nitrogen	µg/m ³	IS 5182(Part-6)	IS 5182(Part-6)	10.4	80

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.


Reviewed & Authorized by
Channabasappa Maikar (Chemical)



--:END OF REPORT:--

Note:

1.The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3.Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5.If any disputes Subject to Dharwad Jurisdiction. 6.When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with Customer service Coordinator.

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 436932

Date: 31-03-2023

Official reminder

Subject: - Regarding in SR/No: 36/*/4 of 3.35.8.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli Jalgeri Village submitted the application on 16-01-2023 by Shri/ Smt. Trualt Bioenergy ltd its Director Shri Vishal S/o Murgesh Nirani, seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs.84669 phodi land transfer fee of Rs.55 penalty fee Rs.0 Total Rs.84724/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 619600 Dated: 16-01-2023.

Pursuant to the provision of section 95(2), 95(4). 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Trualt Bioenergy ltd its Director Shri Vishal S/o Murgesh Nirani, Considering the application for Land Conversion for Total Area of 3.37.8.00 Acre Gunta of Agriculture land at Kerur Hobli Jalgeri Village on SR. No 36/*/4 and total measuring area of 3.35.8.00 for land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial – Sugar Mills Purpose...

1. The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
2. This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
3. After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment or sale to be made on the said land without obtaining the approval of the layout plan.
4. In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.
5. In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.

6. As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
7. The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution. Industrial unit's setup on land converted for industrial purposes shall have permission from the Karnataka pollution control Board/ environment Departments.
8. In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

1. This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
2. As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
3. The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
4. Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.
5. The proposed area is not in the buffer zone of any lake after verifying if the partial area of the proposed area is in the buffer zone of the lake, the layout design map should be approved by adopting an extra zone so that no building can be constructed in that area.

6. The proposed area should be verified that the area is not within the prohibited 300-meter zone from the building of the department of archaeology, if it is within the prohibited area of 300 meters, then an objection letter should be obtained from the department of archeology and a design map should be adopted.

Schedule Description

The boundaries of land conversion on SR No: 36/*/4 of total area of 3.35.8.00 Acre/gunta area of Bagalkot District Badami Taluk Kerur Hobli Jalgeri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
36/*4	3.35.8.00	Industrial conversion Land Survey No 35/5	Industrial conversion Land Survey No 36/3	Road and Survey No 34	Survey No 18

DC Name:
SUNIL KUMAR P

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

1. That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
2. For further appropriate action (Badami/Authority/Municipal corporation)
3. Deputy Divisional officer, Bagalkot Sub Division
4. Deputy Director, Land surveying and Bagalkot sub Division of land records.
5. By post to applicant Mr./Mrs.: Shri/ Smt. Trualt Bioenergy ltd its Director Shri Vishal S/o Murgesh Nirani, Address: jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



Shri
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.
20 APR 2023

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 436934

Date: 31-03-2023

Official reminder

Subject: - Regarding in SR/No: 36/*/5 of 3.34.8.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli Jalgeri Village submitted the application on 16-01-2023 by Shri/ Smt. Trualt Bioenergy Ltd its Director Shri Vishal S/o Murgesh Nirani, seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs.84125 phodi land transfer fee of Rs.55 penalty fee Rs.0 Total Rs.84180/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 619614 Dated: 16-01-2023.

Pursuant to the provision of section 95(2), 95(4), 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Trualt Bioenergy Ltd its Director Shri Vishal S/o Murgesh Nirani, Considering the application for Land Conversion for Total Area of 3.37.8.00 Acre Gunta of Agriculture land at Kerur Hobli Jalgeri Village on SR. No 36/*/5 and total measuring area of 3.34.8.00 for land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial – Sugar Mills Purpose...

1. The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
2. This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
3. After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment or sale to be made on the said land without obtaining the approval of the layout plan.
4. In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.
5. In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.

6. As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
7. The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution. Industrial unit's setup on land converted for industrial purposes shall have permission from the Karnataka pollution control Board/ environment Departments.
8. In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

1. This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
2. As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
3. The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
4. Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.
5. The proposed area is not in the buffer zone of any lake after verifying if the partial area of the proposed area is in the buffer zone of the lake, the layout design map should be approved by adopting an extra zone so that no building can be constructed in that area.

6. The proposed area should be verified that the area is not within the prohibited 300-meter zone from the building of the department of archaeology, if it is within the prohibited area of 300 meters, then an objection letter should be obtained from the department of archeology and a design map should be adopted.

Schedule Description

The boundaries of land conversion on SR No: 36/*/5 of total area of 3.34.8.00 Acre/gunta area of Bagalkot District Badami Taluk Kerur Hobli Jalgeri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
36/*5	3.34.8.00	Industrial conversion Land Survey No 35/2A	Industrial conversion Land Survey No 36/4	Road and Survey No 34	Survey No 18

DC Name:
SUNIL KUMAR P

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

1. That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
2. For further appropriate action (Badami/Authority/Municipal corporation)
3. Deputy Divisional officer, Bagalkot Sub Division
4. Deputy Director, Land surveying and Bagalkot sub Division of land records.
5. By post to applicant Mr./Mrs.: Shri/ Smt. Trualt Bioenergy ltd its Director Shri Vishal S/o Murgesh Nirani, Address: jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



[Signature]
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

20 APR 2023

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 332872

Date: 06-05-2022

Official reminder

Subject: - Regarding in SR/No: 37/*/4 of 0.36.0.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli jalageri Village submitted the application on 29-03-2022 by Mr./Mrs. Shri Kedarnath Sugar and agro products Ltd kerkalmatti , Director Vishal Murgesh Nirani seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs. 19620 phodi land transfer fee of Rs. 100 penalty fee Rs.0 and Kharab Land fee of Rs. 0 Total Rs. 19720/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 418355 Dated: 29-03-2022.

Pursuant to the provision of section 95(2), 95(4), 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Kedarnath Sugar and agro products Ltd kerkalmatti, Director Vishal Murgesh Nirani, Considering the application for Land Conversion for Total Area of 0.36.0.00 Acre Gunta of Agriculture land on 1.11.0.00 at Kerur Hobli jalageri Village on SR. No 37/*/4 and 'A' Kharab 0.15.0.00 measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial –Sugar Mills Purpose...

- 1 The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
- 2 This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
- 3 After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
- 4 In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.

- 5 In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
- 6 For this land, if there is attach of foot kharab land then it should be reserved for the purpose of the government under section 67 of Karnataka land revenue act 1964 and 'A' Kharab area 0.15.0.00 on SR. No 37/*/4 which is currently subjected to the land conversion has been given a market value of Rs. 0 and land conversion fees of Rs. 19620 /- has been paid for the purpose land conversion.
- 7 As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
- 8 The declaration letter shall be filed forthwith by the applicant, if the applicant has not filed a declaration letter with the competent authority in the terms of section 6(1) of the urban land limitation act 1976 and a copy of this order has been sent to the concerned land limitation authority.
- 9 The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution.
- 10 In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

- 1 This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
- 2 As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
- 3 The said land transfer order is issued on the basis of on affidavit (certificate) given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
- 4 Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the

revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.

Schedule Description

The boundaries of land conversion on SR No: 37/*/4 of total area of 0.36.0.00 gunta and 'A' kharab 0.15.0.00 area of Bagalkot District Badami Taluk Kerur Hobli jalageri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
37/*/4	0.36.0.00	Share 5	Share 3	SNo 35	Share 6

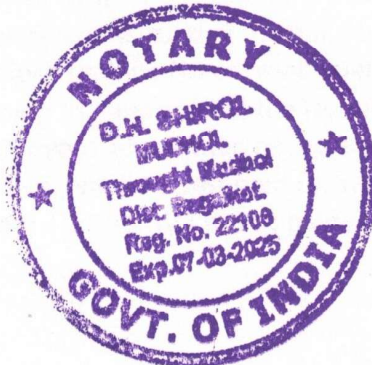
DC Name:
KRISHNAIAH RAJENDRA

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

- 1 That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
- 2 For further appropriate action (Badami/Authority/Municipal corporation)
- 3 Deputy Divisional officer, Bagalkot Sub Division
- 4 Deputy Director, Land surveying and Bagalkot sub Division of land records.
- 5 By post to applicant Mr./Mrs.: Shri Kedarnath Sugar and agro products ltd kerkalmatti, Director Vishal Murgesh Nirani, Address: Kulali cross jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



Shirol
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 332876

Date: 06-05-2022

Official reminder

Subject: - Regarding in SR/No: 37/*/5 of 1.22.0.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli Jalageri Village submitted the application on 29-03-2022 by Mr./Mrs. Shri Kedarnath Sugar and agro products Ltd kerkalmatti, Director Vishal Murgesh Nirani seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs. 33771 phodi land transfer fee of Rs. 100 penalty fee Rs.0 and Kharab Land fee of Rs. 0 Total Rs. 33871/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 418368 Dated: 29-03-2022.

Pursuant to the provision of section 95(2), 95(4), 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Kedarnath Sugar and agro products Ltd kerkalmatti, Director Vishal Murgesh Nirani, Considering the application for Land Conversion for Total Area of 1.22.0.00 Acre Gunta of Agriculture land on 2.0.0.00 at Kerur Hobli Jalageri Village on SR. No 37/*/5 and 'A' Kharab 0.18.0.00 measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial –Sugar Mills Purpose...

- 1 The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
- 2 This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
- 3 After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
- 4 In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.

- 5 In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
- 6 For this land, if there is attach of foot kharab land then it should be reserved for the purpose of the government under section 67 of Karnataka land revenue act 1964 and 'A' Kharab area 0.18.0.00 on SR. No 37/*/5 which is currently subjected to the land conversion has been given a market value of Rs. 0 and land conversion fees of Rs. 33771/- has been paid for the purpose land conversion.
- 7 As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
- 8 The declaration letter shall be filed forthwith by the applicant, if the applicant has not filed a declaration letter with the competent authority in the terms of section 6(1) of the urban land limitation act 1976 and a copy of this order has been sent to the concerned land limitation authority.
- 9 The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution.
- 10 In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

- 1 This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
- 2 As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
- 3 The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
- 4 Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the

revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.

Schedule Description

The boundaries of land conversion on SR No: 37/*/5, of total area of 1.22.0.00 gunta and 'A' kharab 0.18.0.00 area of Bagalkot District Badami Taluk Kerur Hobli jalageri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
37*5	1.22.0.00	Related to RiSNo.38	Related to RiSNo.37/4	Related to RiSNo.35/3	Related to RiSNo share of remaining land

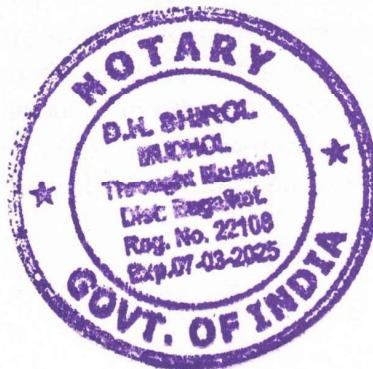
DC Name:
KRISHNAIAH RAJENDRA

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

- 1 That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
- 2 For further appropriate action (Badami/Authority/Municipal corporation)
- 3 Deputy Divisional officer, Bagalkot Sub Division
- 4 Deputy Director, Land surveying and Bagalkot sub Division of land records.
- 5 By post to applicant Mr./Mrs.: Shri Kedarnath Sugar and agro products ltd kerkalmatti, Director Vishal Murgesh Nirani, Address: Kulali cross jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



Shirol
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 332865

Date: 06-05-2022

Official reminder

Subject: - Regarding in SR/No: 36/*/1 of 2.39.0.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli jalageri Village submitted the application on 29-03-2022 by Mr./Mrs.Shri Kedarnath Sugar and agro products Ltd Kerkalmatti, Director Vishal Murgesh Nirani seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

- Reference:** -1. land transfer fee of Rs. 64817 phodi land transfer fee of Rs. 100 penalty fee Rs.0 Rs. 0 Total Rs.64917/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 418446 Dated: 29-03-2022.

Pursuant to the provision of section 95(2), 95(4), 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Kedarnath Sugar and agro products Ltd kerkalmatti, Director Vishal Murgesh Nirani, Considering the application for Land Conversion for Total Area of 2.39.0.00 Acre Gunta of Agriculture land on 2.39.0.00 at Kerur Hobli jalageri Village on SR. No 36/*/1 measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial –Sugar Mills Purpose...

- 1 The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
- 2 This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
- 3 After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
- 4 In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.

- 5 In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
- 6 As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
- 7 The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution.
- 8 In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

- 1 This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
- 2 As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
- 3 The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
- 4 Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.

Schedule Description

The boundaries of land conversion on SR No: 36/*/1 of total area of 2.39.0.00 gunta area of Bagalkot District Badami Taluk Kerur Hobli jalageri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
36*1	2.39.0.00	RiSNo.36/2p	RiSNo. 22	Remaining land of factory in this number	RiSNo. 18

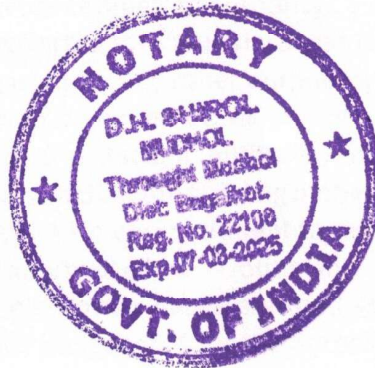
DC Name:
KRISHNAIAH RAJENDRA

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

- 1 That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
- 2 For further appropriate action (Badami/Authority/Municipal corporation)
- 3 Deputy Divisional officer, Bagalkot Sub Division
- 4 Deputy Director, Land surveying and Bagalkot sub Division of land records.
- 5 By post to applicant Mr./Mrs.: Shri Kedarnath Sugar and agro products ltd kerkalmatti, Director Vishal Murgesh Nirani, Address: Kulali cross jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



(Signature)
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 332861

Date: 06-05-2022

Official reminder

Subject: - Regarding in SR/No: 36/*/2 of 6.25.0.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli Jalageri Village submitted the application on 29-03-2022 by Mr./Mrs. Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs. 144311 phodi land transfer fee of Rs. 100 penalty fee Rs.0 and Kharab Land fee of Rs. 0 Total Rs. 144411/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 418455 Dated: 29-03-2022.

Pursuant to the provision of section 95(2), 95(4), 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani, Considering the application by Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani for Land Conversion for Total Area of 6.25.0.00 Acre Gunta of Agriculture land on 6.30.0.00 at Kerur Hobli jalageri Village on SR. No 36/*/2 and 'A' Kharab 0.5.0.00 measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial –Sugar Mills Purpose...

- 1 The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
- 2 This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
- 3 After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
- 4 In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.

- 5 In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
- 6 For this land, if there is attach of foot kharab land then it should be reserved for the purpose of the government under section 67 of Karnataka land revenue act 1964 and 'A' Kharab area 0.5.0.00 on SR. No 36/*/2 which is currently subjected to the land conversion has been given a market value of Rs. 0 and land conversion fees of Rs. 144311/- has been paid for the purpose land conversion.
- 7 As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
- 8 The declaration letter shall be filed forthwith by the applicant, if the applicant has not filed a declaration letter with the competent authority in the terms of section 6(1) of the urban land limitation act 1976 and a copy of this order has been sent to the concerned land limitation authority.
- 9 The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution.
- 10 In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

- 1 This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
- 2 As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
- 3 The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
- 4 Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the

revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.

Schedule Description

The boundaries of land conversion on SR No: 36/*/2 of total area of 6.25.0.00 gunta and 'A' kharab 0.5.0.00 area of Bagalkot District Badami Taluk Kerur Hobli jalageri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
36*2	6.25.0.00	RiSNo. 36/2p	RiSNo. 22	Remaining land of factory in this Ri number	Related to RiSNo. 36

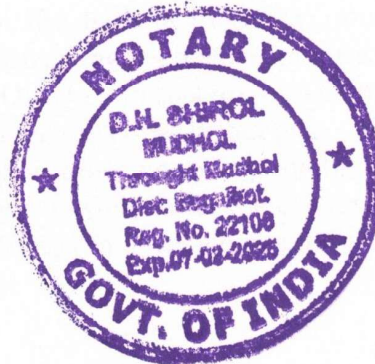
DC Name:
KRISHNAIAH RAJENDRA

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

- 1 That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
- 2 For further appropriate action (Badami/Authority/Municipal corporation)
- 3 Deputy Divisional officer, Bagalkot Sub Division
- 4 Deputy Director, Land surveying and Bagalkot sub Division of land records.
- 5 By post to applicant Mr./Mrs.: Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani, Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani , Address: Kulali cross jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



[Signature]
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

BAGALKOT DIST., COLLECTOR'S OFFICE

Application No: 332859

Date: 06-05-2022

Official reminder

Subject: - Regarding in SR/No: 36/*/3 of 5.35.0.00 Acre Gunta of Bagalkot District Badami Taluk Kerur Hobli Jalageri Village submitted the application on 29-03-2022 by Mr./Mrs. Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani seeking the land of agriculture Area to non-Agriculture on affidavit based land conversion for purpose of Industrial sugar mills.

Reference: -1. land transfer fee of Rs. 127980 phodi land transfer fee of Rs. 100 penalty fee Rs.0 and Kharab Land fee of Rs. 0 Total Rs. 128080/- has been deposited by the applicant to the treasury
2. Applicant given Affidavit (certificate) No. 418436 Dated: 29-03-2022.

Pursuant to the provision of section 95(2), 95(4). 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, the applicant Shri Kedarnath Sugar and agro products ltd, Director Shri Vishal Murgesh Nirani, Considering the application for Land Conversion for Total Area of 5.35.0.00 Acre Gunta of Agriculture land on 6.0.0.00 at Kerur Hobli jalageri Village on SR. No 36/*/3 and 'A' Kharab 0.5.0.00 measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Non-Agriculture Industrial –Sugar Mills Purpose...

- 1 The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Badami /Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
- 2 This land is converted for industrial sugar mills purpose only and this land should not be used for any other purpose without the prior permission
- 3 After approval of proposed development plan and license etc., are to be approved from the Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
- 4 In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by (Badami / authority / municipality etc.,) and as per specified rules.

- 5 In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
- 6 For this land, if there is attach of foot kharab land then it should be reserved for the purpose of the government under section 67 of Karnataka land revenue act 1964 and 'A' Kharab area 0.5.0.00 on SR. No 36/*/3 which is currently subjected to the land conversion has been given a market value of Rs. 0 and land conversion fees of Rs. 127980/- has been paid for the purpose land conversion.
- 7 As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1:7(11)67, dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
- 8 The declaration letter shall be filed forthwith by the applicant, if the applicant has not filed a declaration letter with the competent authority in the terms of section 6(1) of the urban land limitation act 1976 and a copy of this order has been sent to the concerned land limitation authority.
- 9 The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution.
- 10 In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

ADDITIONAL CONDITIONS

- 1 This land transfer order shall remain till further order. If the purpose of the land conversion is to be changed a fresh order has to be obtained as per section 97.
- 2 As mentioned in condition (2) the converted land shall be used only for the purpose of industrial sugar mills, if land is to be used for any other purpose the permission is to be obtained as per section 97 and for the purpose for which the said land was converted necessary sanction to be obtained from the planning authority / development Board / CMC / TMC / pollution control Board / Village Panchayat.
- 3 The said land transfer order is issued on the basis of on affidavit certificate given by the applicant and if the information is given in the affidavit certificate is incorrect or wrong. This order is subject to the condition of cancellation as per rules.
- 4 Till the approval of layout plan by the town planning authority / village panchayat / development authority / competent authority the area of land conversion in **Cadastre** will be maintained in the land software of the

revenue department can be sold as a single unit without dividing it. After the approval of the layout plan by the town planning authority or gram panchayat or concerned competent authority, except the area reserved for the land conversion filed in the purpose of public the remaining divided area can be sold on the basis of the given property ID number to the respective land.

Schedule Description

The boundaries of land conversion on SR No: 36/*/3 of total area of 5.35.0.00 gunta and 'A' kharab 0.5.0.00 area of Bagalkot District Badami Taluk Kerur Hobli jalageri Village.

SR.No	Area	Boundaries			
		To East	To West	To North	To South
36*3	5.35.0.00	RiSNo. 36/2p	RiSNo. 22	Related to the remaining share land	Factory land related to Ri No and share.

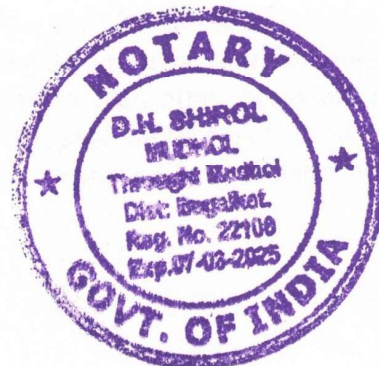
DC Name:
KRISHNAIAH RAJENDRA

sd/-
District Collector,
Bagalkot District.

For Further appropriate action copy sent the following as below mentioned:

- 1 That original file to badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
- 2 For further appropriate action (Badami/Authority/Municipal corporation)
- 3 Deputy Divisional officer, Bagalkot Sub Division
- 4 Deputy Director, Land surveying and Bagalkot sub Division of land records.
- 5 By post to applicant Mr./Mrs.: Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani, Shri Kedarnath Sugar and agro products ltd, Director Vishal Murgesh Nirani Land conversion, Address: Kulali cross-jamkhandi Road...

Note: The Doc is originally in Kannada translated to English by me True and correct



(Signature)
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

Annexure-05

Official reminder

Subject: - The application filed by the Shri Vikramshima Hindurao Aparadha R/o Kerkalmatti Tq: Badami, District: Bagalkote, Kerur Hobli, Jalageri village on dated 22/07/2009 regarding the extent of conversion of agricultural land to non-Agricultural land for industrial purpose of the land bearing R.S.No. 37/3, 37/4 and 37/5 area of 01-00,01-11 and 01-33 total 04-04 Acre/ Gunta.

Reference: - 1. The report of Tahashildar Badami No: LNA/CR-23/09-10 dated 26/09/2009.
2. land conversion transfer fee of Rs. 89,302-00 and Podi fee Rs.100, and market value of 'A' Kharab land Rs. 37,125-000 as a total of Rs.1,26,527-00 on challan No. 00014 Dated: 28-12-2010 and Challan No. 28 Dated 05-02-2011 has been deposited to the treasury by applicant.

As per provisions of section 95(2), 95(4) and 95(7) of the Karnataka Land Revenue Act, 1964 and following stipulations under Rule 107(1) of the Karnataka Land Revenue (Amendment) Rules, 1994, for one Acre Rs. 21,781-00 (Rupees Twenty-One Thousand Seven Hundred and Eighty-One Only) As such the applicant has to pay the land conversion fee as mentioned in the reference (3), considering the application after depositing the land conversion fee to the treasury by the applicant Shri Rajendra Bandoji Patil R/o Kerkalmatti Tq: Badami, considering the same in the village Kerur Hobli, Jalageri and Ganganabudihal of SR No. 37/3, 37/4 and 37/5 area of 01-00,01-11 and 01-33 total 04-04 Acre/ Gunta of total measuring area of land Conversion order has been issued Subject to the following Conditions to use the land for Agriculture to non-Agricultural land for the industrial purpose

1. The land for the purpose for which it has been converted, for that purpose sanction to be obtained from the competent authority i.e., Development Board/CMC/TMC/ Pollution control Board/ Village Panchayats to use the land for the purpose for which it has been converted and this order doesn't confer any right on the assessee unless Sanction is obtained from the competent authority.
2. This land is converted for industrial purpose only and this land should not be used for any other purpose without the prior permission
3. After approval of proposed development plan and license etc., are to be approved from the Assistant Director of urban and rural planning, Bagalkot / secretary, Gram Panchayat, Neerbudihal, Taluk: Badami Authority/ municipality etc., on this land. Thereafter, constructing the building in the said land as per approved plan. And there shall be No encroachment to be made on the said land without obtaining the approval of the layout plan.
4. In the layout plan other necessary road space, road margin, and empty space etc., shall be reserved for the purpose as per the plan approved by Assistant Director of urban and rural planning, Bagalkot / secretary, Gram

Panchayat, Neerbudihal, Taluk: Badami (authority / municipality etc.,) and as per specified rules.

5. In the public interest it is the responsibility of the applicant/petitioner to provide the all necessary facilities legally such as electricity, water supply, drainage system and safety and security to the occupants of the said land.
6. For this land, if there is attach of foot kharab land then it should be reserved for the purpose of the government under section 67 of Karnataka land revenue act 1964 and 'A' Kharab area 01-05Acre/ Gunta on SR. No 37/3, 37/4 and 37/5, which is currently subjected to the land conversion has been given a market value of Rs. 37,125-00 has been deposited, given the converted land to be used for the purpose of (industrial). And extent of 'B' Kharab should be reserved for the purpose of public interest and in the Extent of 'B' Kharab the applicant as no right and the Government has always *Right in the Extent 'B' Kharab Land. The said Kharab has to be specified clearly in the RTC by the thashildar.*
7. As per government order No: PWD 7556-665-R and B-6-54-5 and as per central government Transport Department Letter No P1/7(11)67 dated: 1-1-1966 the proposed building on this land is a national and state highway related to distance of 40 meter for the center of the road and 25 meters from the center of the road in relation to the district highway should be reserved and no building shall be constructed in this vacant area.
8. The declaration letter shall be filed forthwith by the applicant, if the applicant has not filed a declaration letter with the competent authority in the terms of section 6(1) of the urban land limitation act 1976 and a copy of this order has been sent to the concerned land limitation authority.
9. The establishment of the industrial unit's setup on this land conversion and the industrial units should effectively prevent the, smoke gas and other impurities and also ensure that there shall be no harm to the public health and also ensure that there will be no environment pollution. Industrial unit's setup on land converted for industrial purpose shall have the permission of Karnataka pollution control board/ environment department.
10. In case of violation of any of the above conditions, this land conversion order shall be cancelled without any notice and further action shall be taken to levy penalty charges as per section 96 of the Karnataka Land revenue act 1964 also the action will be taken to clear the unauthorized buildings on this land without giving any compensation and also for that the cost incurred will be recovered from the account holder as land revenue arrears.

Schedule Description

The boundaries of land conversion on SR No: 37/3, 37/4 and 37/5 of 01-00, 01-11 and 01-33 total 04-04 Acre/Gunta measuring area of land Conversion of Bagalkot District Kerur hobli Jalageri village.

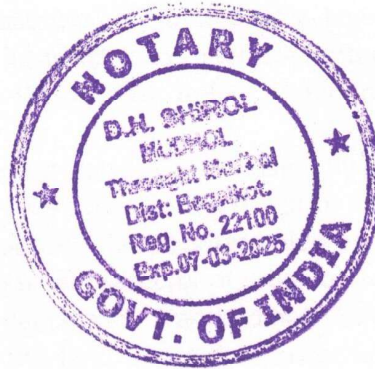
To East	Ganganbudihal R.S.No 10
To west	Jalageri R.S.No 37/2
To North	Jalageri R.S.No 35
To South	Jalageri R.S.No 37 of land

SD/-
(A. M. Kunjappa)
District Collector,
Bagalkot.

For Further appropriate action copy sent the following as below mentioned:

6. That original file to Badami tehsildar related as per this order it should be maintained in the concerned RTC that the survey number has been transferred and reducing the land revenue of the account holder payable for this land.
7. Assistant Director of urban and rural planning, Bagalkot
8. Secretary Gram Panchayat Ganganbudihal Taluk: Badami
9. Sub-Registrar Badami.
10. By post to applicant Shri Vikramshima Hindurao Aparadha

Note: The Doc is originally in Kannada translated to English by me True and correct



Shri
D. H. SHIROL, ADVOCATE
NOTARY GOVT. OF INDIA
MUDHOL-587 313. Dist: Bagalkot.

Project approach road & District road



Complex, Koppikal Road, Hubballi 580020
Q. Contact us at 9900550600

Bagalkot

DECCAN HERALD 03/08/24

NOTICE

The Ministry of Environmental, Forest and Climate Change, New Delhi has accorded Environmental Clearance bearing file No. IA-J-11011/304/2023-IA-II(I) & IA/KA/IND2/468210/2024 to the proposed 500 KLPD Multi-feed (B-Heavy Molasses/C-Heavy Molasses/Cane Syrup/Grain) based Distillery along with 10 MW Cogeneration Power plant at the following address.

Any objection to this should be sent in writing to us within 14 days from the publication of the notice.

TRUALT BIOENERGY LIMITED UNIT - 4

Ganganbudhihal & Jalageri village, Tq : Badami Dist : Bagalkot,
State : Karnataka 587206.

The copy of Environmental clearance is available with website of Ministry at <http://moef.noc.in> and may also be seen at Industry website www.niranigroups.com.

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ಶೃಂಗೇರಿ ಪ್ರಕಟಣೆ - 03

ಪ್ರಕಟಣೆ

ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯ, ಹೊಸದೆಹಲಿ, ಇವರು ಈ ಕೆಳಕಂಡ ಸ್ಥಳದಲ್ಲಿ ಪ್ರಸ್ತಾವಿತ 500 ಕೆಎಲ್ ಪಿಡಿ ಮಲ್ಟಿ-ಪಿಡ್ ಸಾಮರ್ಥ್ಯದ ಡಿಸ್ಕ್ರಿಲರಿ ಘಟಕ ಮತ್ತು 10 ಮೆಗಾವ್ಯಾಟ್ ಸಹವಿದ್ಯುತ ಘಟಕವನ್ನು ಪ್ರಾರಂಭಿಸಲು ಪರಿಸರ ನಿವಾರಣಾ ಪತ್ರದ ಆದೇಶ ಸಂಖ್ಯೆ IA/KA/IND2/468210/2024, file No. IA-J11011/304/2023-IA-II(I) ನಿಡಿರುತ್ತಾರೆ. ಯಾವುದೇ ಆಕ್ಷೇಪಣೆ ಇದ್ದಲ್ಲಿ ಈ ಸೂಚನೆಯ ಪ್ರಕಟಣೆಯಿಂದ 14 ದಿನಗಳ ಒಳಗೆ ಲಿಖಿತವಾಗಿ ಕಳುಹಿಸಬೇಕು.

ಛಾತ್ರಾಲ್ಟ್ ಐಯೋವಿನರ್ಜಿ ಅಮಿಟೆಡ್ ಘಟಕ - 4

ಗಂಗನಬೂದಿಹಾಳ ಮತ್ತು ಜಲಗೇರಿ ಗ್ರಾಮ, ತಾಲೂಕು : ಬಾದಾಮಿ ಜಿಲ್ಲೆ :
ಬಾಗಲಕೋಟ ರಾಜ್ಯ : ಕರ್ನಾಟಕ-587206

ಪರಿಸರ ಅನುಮತಿ ನಕಲು ಪ್ರತಿಗಳು ಎಮ್‌ಒಎಫ್‌ಸಿಸಿ ವೆಬ್‌ಸೈಟ್ ಅಲ್ಲಿ <http://moef.nic.in> ಮತ್ತು ಛಾತ್ರಾಲ್ಟ್ ಐಯೋವಿನರ್ಜಿ ಅಮಿಟೆಡ್ ಘಟಕ-4 www.niranigroups.com ನಲ್ಲಿ ನೋಡಬಹುದು.

PRATAWANT 03/00124

ಪಟ್ಟಣ ಪಂಚಾಯತ ಚಿಂಚಲಿ ಜಿಲ್ಲೆ:ಬೆಳಗಾವಿ ರಾಜ್ಯ:ಕರ್ನಾಟಕ
Office Phone No:(08331)237531 E-mail: itstaff_ulb_chinchali@yahoo.co.in
Website: www.chinchalitown.gov.in

ಪ್ರತಿಜ್ಞೆ

ವ್ಯಸನ ಮುಕ್ತ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ಇಳಕಲ್ : ಪರಿಶಿಷ್ಟರು
ವಿವಿಧ ಭಕ್ತ ವರ್ಗದವ
ನೀಡಿ ಮಠಾಧೀಶರನ್ನಾಗಿ
ಧೈರ್ಯವನ್ನು ಪ
ಸೇರಿದಂತೆ ನಾಡಿನ ಪ್ರಮುಖ
ಮಾಡಬೇಕು. ಇಂತಹ
ಮಾಡಿದ ಶ್ರೇಯಸ್ಸು ಮಹಾ
ಆತ್ಮದ ಎಂದು
ಸ್ಮರಿಸಿ ಹೇಳಿದರು.
ಅವರು ಇಲ್ಲಿಯ
ಮಹಾಂತೇಶ್ವರ ಸಂಸ್ಥೆ
ಗುರುವಾರ ಮಹಾಂತೆ



Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001

Tele : 080-25589112/3,
25581383/388

Fax:080-25586321

Email id: ho@kspcb.gov.in

Consent For Operation(CFO-Air,Water) - (CfO-Expand)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To

Trualt Bioenergy Limited Unit 4, Jalageri village, Badami-Tq, Bagalkot-Dist

for the Facility located at,

**Trualt Bioenergy Limited Unit 4, SY. NO. 36/1, 36/2, 36/3, 36/4, 36/5, 37/2, 37/3,
37/4 & 37/5, Jalageri village, Badami-Tq, Bagalkot-Dist**

Bagalkot

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
AW-350678	181935	290178	RED/LARGE	22/09/2025

**This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order**

Validity through: **22/09/2025 to 30/06/2029**



ISO 9001:2015 & 14001:2015 Certified

Combined Consent Order No: AW-350678

PCB ID: 181935

GSC No : PBOXG0000280178

Date: 22/09/2025

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution)Act , 1981

Ref: 1. Application filed by the applicant/organization on 02/04/2025
 2. Inspection of the Industry/organization/by RO, on 26/03/2025
 3. Proceedings of the ECM dated 16/09/2025 ,held on 16/09/2025

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Trualt Bioenergy Limited Unit 4

Address: SY. NO. 36/1, 36/2, 36/3, 36/4, 36/5, 37/2, 37/3, 37/4 & 37/5, Jalageri village, Badami-Tq, Bagalkot-Dist

Industrial Area: Not In I.A, Jalageri village,

Taluk: Badami, District: Bagalkot

CONDITIONS:**a) Discharge of effluents under the Water Act:**

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	10.000	8.000	Refer additional conditions
2	Manufacturing Processes	1507.000	1876.000	Lean effluents from the process. Refer additional conditions
3	Manufacturing Processes	0.000	1234.000	Spent wash from process. Refer additional conditions

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty	Unit
1	Distillery to produce Ethanol of 300 KLPD using sugar cane syrup /grain or Ethanol of 80 KLPD using B-Heavy / C – Molasses.	300.0000	Kilo Litres/Day

Validity through : 22/09/202 to 30/06/2029
5

To,

Trualt Bioenergy Limited Unit 4

Jalageri village, Badami-Tq, Bagalkot-Dist

COPY TO:

The Environmental Officer, KSPCB, Regional Office Bagalkote for information and necessary action.

2. Master Register.
3. Case file.

Consent Fee paid : Rs. 10000

SCHEDULE**TERMS AND CONDITIONS****A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.**

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-I
- 3(b).The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

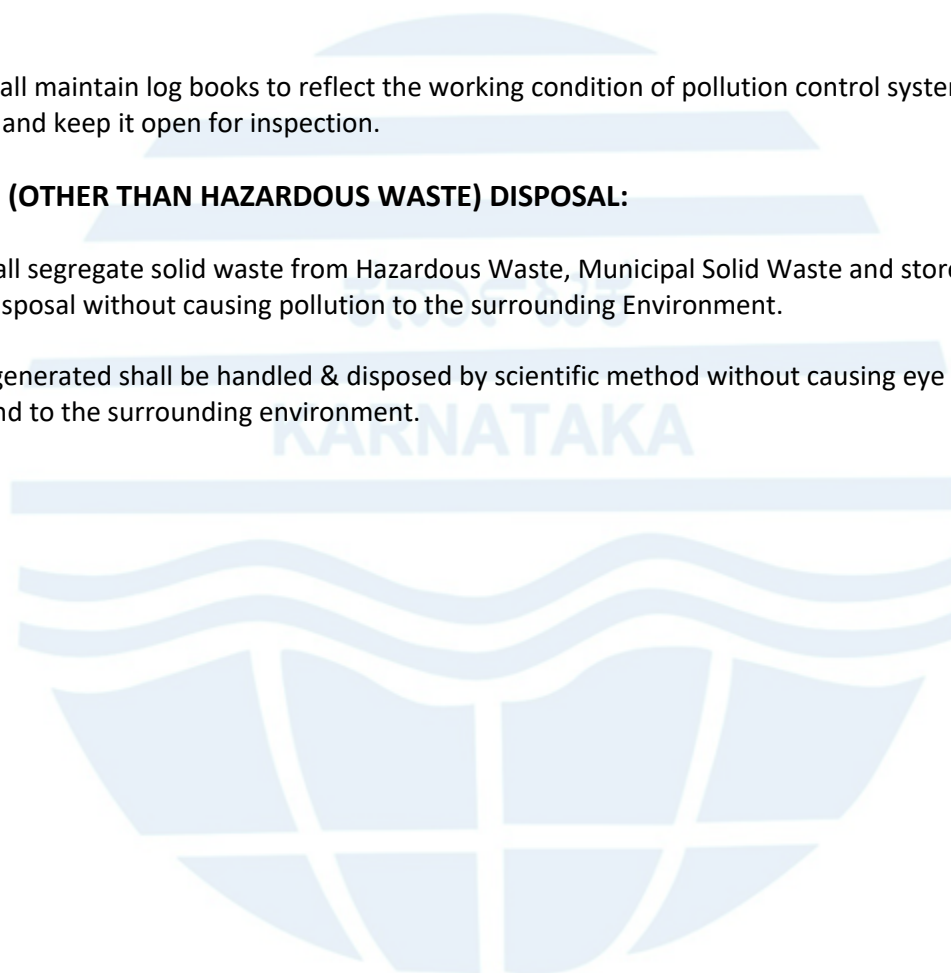
1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundry Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
3. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
4. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
5. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
6. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
7. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.

8. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow points should be made easily approachable.
9. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
10. The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.
11. The applicant shall make an application for consent for subsequent period at least 120 days before expiry of this consent.
12. The applicant shall develop and maintain adequate green belt all around the periphery.
13. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
14. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
15. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
16. The applicant shall display flow diagram of the pollution control system near the pollution control system/s

NOTE:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the Additional Conditions and Standards stipulated in Annexure 1, A & B attached with this consent order.
2. This consent order contains 15 pages including Additional Conditions and Annexures.
3. The products with quantities, water consumption, wastewater generation, mode of disposal with standards, air pollution sources with control measures mentioned in Additional Conditions attached with this order shall be considered and to be complied by the industry.
4. In case of any discrepancy in the name of the product & its quantity in this consent order, the name of the product and quantity indicated in the EC will prevail.
5. This CFO-Expansion order is issued including the activities / products indicated in the current CFO order issued vide No. AW-346589 PCB ID: 181935 dated 24.12.2024 valid for the period upto 30.06.2029. Therefore, the current CFO order No. No. AW-346589 PCB ID: 181935 dated 24.12.2024 shall be treated as null and void from the date of issue of this Order.
6. The applicant shall strictly comply with the directions of the Personal Hearing held on 26.08.2025 and abide with the timelines committed in their affidavit dated 12.09.2025 as follows. The progress report on point wise compliance to the personal hearing directions shall be communicated to the Board every month.
 - a. Installation and commissioning of Sewage Treatment Plant of capacity 25 KLD – 31.03.2026.
 - b. Installation and commissioning of the CO2 bottling plant for capturing CO2 generated from fermentation process or implementation of alternative carbon sequestration process with the approval of MoEF & CC, GoI & KSPCB – 11.03.2026.
 - c. Permission from Water Resources Department, GoK for drawl of water from Ghataprabha River – 31.12.2025.
7. This Consent for Operation – Expansion (CFO - Expansion) order is valid for the period up to 30.06.2029 from the date of issue.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Boiler	Incineration Boiler - 16 TPH	70	PM,SO2,NOx,C O, NMHC	30,-,-,-,-	BAG	ESP,PRT	At all times

Note:

ESP,PRT : E.S.P

Note:

1. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.
2. There shall be no smell or odour nuisance from the industry.


LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

Signature Not Verified
 Digitally signed by 
 Date: 2025.09.26 13:09:14
 Karnataka State Pollution Control Board
 405.30



Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001

Tele : 080-25589112/3,
25581383/388

Fax:080-25586321

Email id: ho@kspcb.gov.in

Consent For Establishment (CFE) - (CFE-Fresh)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To
Trualt Bioenergy Limited Unit IV, Jalageri village, Badami-Tq, Bagalkot-Dist

for the Facility located at,
Trualt Bioenergy Limited Unit IV, SY. NO. 36/1, 36/2, 36/3, 36/4, 36/5, 37/2, 37/3, 37/4 & 37/5, Jalageri village, Badami-Tq, Bagalkot-Dist
Bagalkot

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
CTE-343294	181935	212255	RED/LARGE	13/05/2024

This Consent is granted for the Products/ Activity/Service name indicated in the annexure along with the terms & conditions attached to this order

Validity : **12/05/2029**



ISO 9001:2015 & 14001:2015 Certified

Combined Consent Order No: CTE-343294

PCB ID: 181935

GSC No : PBOXG0000202255

Date: 13/05/2024

To,

The Applicant

Trualt Bioenergy Limited Unit IV

Jalageri village, Badami-Tq, Bagalkot-Dist

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 03/11/2023 at Regional Office

2. Inspection of the project site by Regional Officer Bagalkote on 06/11/2023

3. Proceedings of the ECM dated

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

Location:

Name of the Applicant: Trualt Bioenergy Limited Unit IV

Address: SY. NO. 36/1, 36/2, 36/3, 36/4, 36/5, 37/2, 37/3, 37/4 & 37/5, Jalageri village, Badami-Tq, Bagalkot-Dist

Industrial Area: Not In I.A, Jalageri village,

Taluk: Badami, District: Bagalkot

Conditions:

1. This consent for establishment is valid up to 12/05/2029 from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty	Unit
1	co-gen power plant	10.0000	Mega Watt
2	Multi-feed distillery unit (B-Heavy molasses/ C-Heavy molasses/ Cane syrup/ Grain based) for manufacturing Ethanol / RS/ ENA/ IS	500.0000	Kilo Litres/Day

I. WATER CONSUMPTION:

1. The source of water shall be from Recycled, River and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Boiler Feed	2208.0
Cooling Water	2200.0
Domestic Purpose	30.0
Manufacturing Processes	3966.0
Others	5.0
Others	210.0

II. WATER POLLUTION CONTROL:

- 1.The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I andPart- II
3. The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted.It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
4	Boiler Feed	30.000	Refer additional conditions
5	Cooling Water	200.000	Refer additional conditions
6	Domestic Purpose	13.000	Refer additional conditions
1	Manufacturing Processes	5135.000	Refer additional conditions
2	Others	207.000	Refer additional conditions
3	Others	5.000	Refer additional conditions

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;

STP & ETP details

SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	ETP1	CLA	P-Clarifier	442.00	1	
2	ETP1	CLA	P-Clarifier	71.00	1	Chlorination Tank
3	ETP1	CLA	P-Clarifier	40.00	1	Alkali Dosing Tank

4	ETP1	EQU	P-Equalization Tank	792.00	1	
5	ETP1	PRI	Primary	175.00	1	RO Reject B/W Tank
6	ETP1	PRI	Primary	110.00	1	RO Reject break tank
7	ETP1	PRI	Primary	380.00	1	RO Permeate Tank
8	ETP1	PRI	Primary	395.00	1	Final RO reject Tank
9	ETP1	PRI	Primary	570.00	1	Soft Water Tank
10	ETP1	PRI	Primary	919.00	1	Raw Water Tank
11	ETP1	PRI	Primary	560.00	1	Filter Feed Tank
12	ETP1	PRI	Primary	380.00	1	RO Feed Tank
13	ETP1	AER	S-AERATION TANK	700.00	1	
14	STP1	STP	Sewage Treatment Plants	25.00	1	
15	ETP1	MEE	T-Mlt. Effect Evaporator	500.00	1	
16	ETP1	TER	Tertiary	5500.00	1	CPU- 5500 KLD

6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I

7. The applicant shall not discharge any effluent outside the industry premises.

8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers

9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.

2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.

3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

IV. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016, in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Ash generated from Conc. Spent wash & Bagasse	4740.0000 - M.T	OTH
2	DDGS	6600.0000 - M.T	OTH
3	Ash generated from Bagasse (during grain operation	360.0000 - M.T	OTH
4	CPU Sludge	30.0000 - M.T	OTH
5	Yeast sludge	30.0000 - M.T	OTH

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

1. The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.

VII. GENERAL:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
3. The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
4. The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
5. The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
6. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
7. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
8. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
9. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
10. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.
11. The applicant shall comply with all the Conditions and guidelines issued from time to time.
12. The applicant must create structure/facility for rain water harvesting and ground water recharge.
13. The applicant shall develop extensive green belt within the periphery of the plant.
14. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 120 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 1400000

Note:

The Conditions Nil mentioned in the schedule are not applicable.

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Bagalkote for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

ANNEXURE- II

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	DG Set - 1500 KVA	30	PM,SO2,NOx,CO, NMHC	75,-,710,150,100	DIE	AEC,PRT	Before Commissioning
2	D.G. Sets	DG Set - 1500 KVA	30	PM,SO2,NOx,CO, NMHC	75,-,710,150,100	DIE	AEC,PRT	Before Commissioning
3	Boiler	Incineration Boiler - 125 TPH	75	PM,SO2,NOx,CO, NMHC	50,100,100,-,-	BAG	ESP,PRT	Before Commissioning

Additional Conditions:

1. The occupier shall comply with all the Additional Conditions and Standards stipulated in Annexure 1, A & B attached with this consent order.
2. This consent order contains 16 pages including Additional Conditions and Annexures.
3. The products with quantities, water consumption, waste water generation, mode of disposal with standards, air pollution sources with control measures mentioned in Additional Conditions attached with this order shall be considered and to be complied by the industry.
4. The CFE is issued for establishing a new Multi-feed distillery unit (B-Heavy molasses/ C-Heavy molasses/ Cane syrup/ Grain based) for manufacturing of Ethanol / Rectified Spirit/ Extra Neutral Alcohol/ Impure Spirit of capacity 500 KLPD and Co-Generation Power Plant of 10 MW.
5. In any case, the production capacity of Ethanol / Rectified Spirit/ Extra Neutral Alcohol/ Impure Spirit shall not exceed 500 KLPD.
6. The applicant shall not start the project activity until the issue of Environmental Clearance from MoEF & CC, GoI. The applicant is bound by the terms and conditions of the Environmental Clearance.



Note:

AEC,PRT : Accoustic Enclosures

ESP,PRT : E.S.P

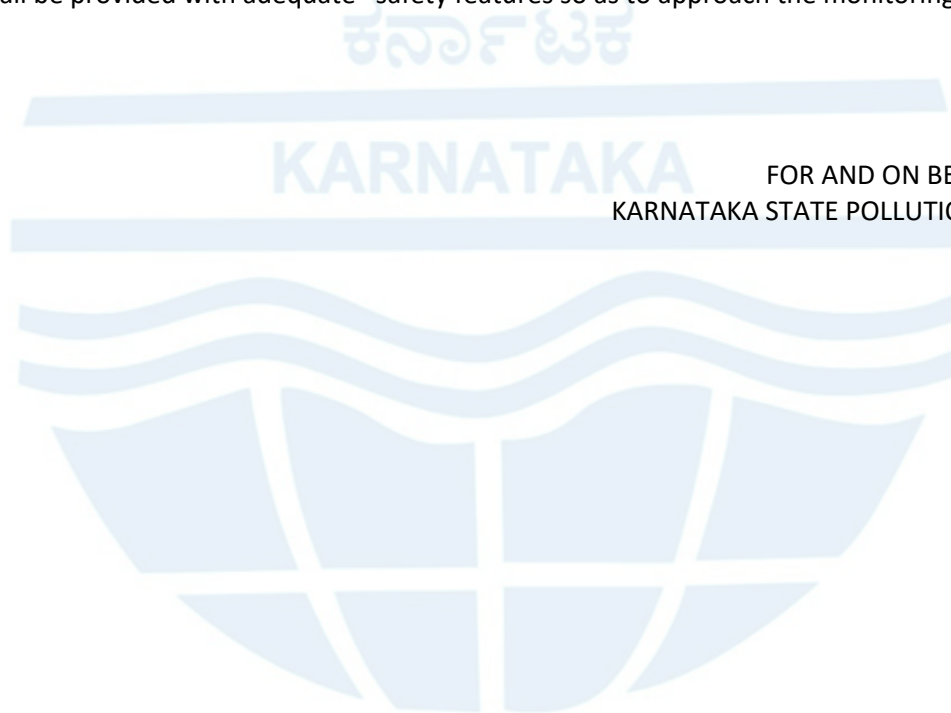
LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.



FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION CONTROL BOARD

Signature Not Verified
Digitally signed by
Date: 2024.05.13 18:25:16
+05:30

ANNEXURE -1
[PCB ID: 181935]

ADDITIONAL CONDITIONS TO ACCOMPANY CONSENT FOR ESTABLISHMENT (CFE) ISSUED TO M/S. TRUALT BIOENERGY LTD., UNIT-IV, SY. NO. 36/1, 36/2, 36/3, 36/4, 36/5, 37/2, 37/3, 37/4 & 37/5, JALAGERI VILLAGE, BADAMI TALUK, BAGALKOTE DISTRICT.

A	GENERAL										
1	This Consent for Establishment (CFE) order is valid for a period of 5 years from date of issue.										
2	This CFE Order is issued from water and air pollution point of view under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act 1981.										
3	The CFE is issued for establishing a new Multi-feed distillery unit (B-Heavy molasses/ C-Heavy molasses/ Cane syrup/ Grain based) for manufacturing of Ethanol / Rectified Spirit/ Extra Neutral Alcohol/ Impure Spirit of capacity 500 KLPD and Co-Generation Power Plant of 10 MW.										
4	The applicant shall not start the project activity until the issue of Environmental Clearance from MoEF & CC, GoI. The applicant is bound by the terms and conditions of the Environmental Clearance.										
5	The project authorities shall obtain all other statutory permissions under all such Acts whichever is applicable. This consent will not prevent operation of other laws in force. Failing to comply with any such provision will attract penal action under such Acts. The project authorities shall be solely responsible for such violations. This consent should not be used to circumvent any other statutory provisions.										
B	WATER POLLUTION CONTROL										
1	<p>The source of water is Ghataprabha River. The industry shall obtain permission from KNNL/ WRD, GoK for drawing River water. The fresh water consumption for domestic purpose shall not exceed 30 KLD. The fresh water consumption for distillery operating with various feed stocks shall not exceed the following ;</p> <table border="1" data-bbox="363 1420 1342 1655"><thead><tr><th>Feed Stock</th><th>Fresh water requirement in KLD</th></tr></thead><tbody><tr><td>500 KLPD Distillery using C-Heavy molasses</td><td>2372</td></tr><tr><td>500 KLPD Distillery using B-Heavy molasses</td><td>2206</td></tr><tr><td>500 KLPD Distillery using cane syrup</td><td>1847</td></tr><tr><td>500 KLPD Distillery using Grain based</td><td>2004</td></tr></tbody></table> <p>Note: In any case, the production capacity of Ethanol / Rectified Spirit/ Extra Neutral Alcohol/ Impure Spirit shall not exceed 500 KLPD.</p>	Feed Stock	Fresh water requirement in KLD	500 KLPD Distillery using C-Heavy molasses	2372	500 KLPD Distillery using B-Heavy molasses	2206	500 KLPD Distillery using cane syrup	1847	500 KLPD Distillery using Grain based	2004
Feed Stock	Fresh water requirement in KLD										
500 KLPD Distillery using C-Heavy molasses	2372										
500 KLPD Distillery using B-Heavy molasses	2206										
500 KLPD Distillery using cane syrup	1847										
500 KLPD Distillery using Grain based	2004										
2	The industry shall provide flow meter for recording the daily fresh water consumption.										



2	The details of wastewater generation and mode of treatment shall be as follows:				
	Wastewater stream	C-Heavy Molasses	B-Heavy Molasses	Cane Syrup	Mode of treatment and disposal
	Domestic	13	13	13	Sewage shall be treated in STP of capacity 25 KLD and treated sewage shall be used for gardening within the premises.
	Laboratory	5	5	5	The lean effluents from the distillery shall be treated in CPU of capacity 5500 KLD and the treated water shall be completely recycled for process and utilities to achieve ZLD.
	Scrubber effluent	207	207	207	
	Cooling Tower blow down	200	200	200	
	Spent Lees	545	621	623	
	MEE Condensate	3563	2624	2437	
	Boiler Blowdown	30	30	30	
	Spent wash	4590	3102	3102	The spent wash shall be concentrated in the MEE and the conc. Spent wash shall be burnt in the incineration boiler to achieve ZLD.
3	In case of grain based operations, the slop of 2904 KLD shall be passed through centrifuge decanters for separation of suspended solids i.e., wet cake- 456 TPD (DWGS). The thin slop is partly recycled and balance shall be evaporated in MEE. The wet cake shall be further dried in the steam drier to get DDGS- 220 TPD. The process condensate of 2072 KLD, CT blow down of 40 KLD, Washings – 240 KLD and Boiler blow down – 58 KLD shall be treated in CPU of capacity 5500 KLD and treated effluent shall be completely recycled for process and utilities to achieve ZLD.				
4	The sewage shall be treated in STP of capacity 25 KLD and the treated sewage shall be used for gardening within the premises. The treated sewage from STP shall confirm to the standards stipulated in Annexure-A .				
5	The industry shall adopt Zero Liquid Discharge (ZLD) system for managing the effluent from the distillery unit irrespective of the raw material used.				
6	The applicant shall maintain adequate freeboard in the STP/CPU units to avoid any overflow at any point of time.				
7	The applicant is liable to upgrade / modify the treatment system, if it fails to treat the effluent to the standards stipulated by the Board.				
8	The industry shall not discharge any treated/ untreated trade effluent on-land or into nalas/ drains / water bodies at any point of time.				
C	SPENT WASH MANAGEMENT				
1	The industry shall provide impervious/lined tanks constructed above ground level for storing the Raw Spent Wash / Concentrated Spent Wash in case of emergency.				
2	There shall not be any leakages, stagnation of Spent Wash				
3	The applicant shall ensure that no spent wash /effluent is by passed on land or into water body (stream, lake, nala etc) so as to avoid surface or subsurface water pollution.				
4	The applicant shall record the quantity of spent wash and other effluents generated and maintain a record. The recorded data shall be submitted to the jurisdictional Regional Officer on monthly basis.				



5	The applicant shall synchronize the generation of spent wash, evaporation activity and incineration.																								
6	The applicant shall take all necessary measures to avoid odour nuisance both from the process and from the effluent handling.																								
7	The industry shall provide piezometer wells around Spent Wash storage tanks and monitor the ground water as per the MoEF & CC Notification No. S.O.2151, dated 17.6.2005 every month.																								
D	MOLASSES MANAGEMENT																								
1	There shall not be any leakages, stagnation of Molasses.																								
2	The applicant shall ensure that no Molasses/effluent is by passed on land or into water body (stream, lake, nala etc) so as to avoid surface or subsurface water pollution.																								
3	The applicant shall store the molasses in covered steel tanks only with proper safety measures. Dyke walls of sufficient height shall be provided around the molasses storage tanks.																								
4	The applicant shall obtain permission from the Board to dispose-off any spoiled molasses and shall be disposed-off in the manner as specified by the Board.																								
5	The applicant shall conduct leak proof test for Molasses storage Tank once in a year and submit report to the Board.																								
E	AIR POLLUTION CONTROL																								
1	The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in Annexure-B where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.																								
2	If there is going to be any new air pollution sources in future, the project authorities shall apply and obtain consent for establishment for the same from the Board.																								
3	Stipulated chimney height and air pollution control devices shall be installed to all the sources to meet the desired emission standards before commissioning of the industry.																								
E	SOLID WASTE MANAGEMENT																								
1	The details of solid wastes generated and mode of disposal shall be as follows.																								
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Waste category</th> <th>Quantity in TPD</th> <th>Mode of disposal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ash generated from Conc. Spent wash & Bagasse (during molasses/cane syrup based operation)</td> <td>158</td> <td>Shall be utilized as manure</td> </tr> <tr> <td>2</td> <td>Ash generated from Bagasse (during grain based operation)</td> <td>12</td> <td>Shall be utilized for brick manufacturing</td> </tr> <tr> <td>3</td> <td>DDGS</td> <td>220</td> <td>Shall be utilized as cattle feed</td> </tr> <tr> <td>4</td> <td>CPU Sludge</td> <td>1</td> <td>Shall be dried and used as manure</td> </tr> <tr> <td>5</td> <td>Yeast sludge</td> <td>1</td> <td>Shall be dried and used as manure</td> </tr> </tbody> </table>	Sl. No.	Waste category	Quantity in TPD	Mode of disposal	1	Ash generated from Conc. Spent wash & Bagasse (during molasses/cane syrup based operation)	158	Shall be utilized as manure	2	Ash generated from Bagasse (during grain based operation)	12	Shall be utilized for brick manufacturing	3	DDGS	220	Shall be utilized as cattle feed	4	CPU Sludge	1	Shall be dried and used as manure	5	Yeast sludge	1	Shall be dried and used as manure
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3	DDGS	220	Shall be utilized as cattle feed																						
4	CPU Sludge	1	Shall be dried and used as manure																						
5	Yeast sludge	1	Shall be dried and used as manure																						
2	The applicant shall provide closed shed / silos for storage of solid wastes to prevent fugitive emissions.																								
3	The applicant shall provide all-round wind breaking walls around the bagasse yard and conveyor system for feeding of bagasse to the boiler.																								

4	The applicant shall provide all-round garland drain around the bagasse yard with collection and pumping arrangement to CPU for leachate generation if any during rainy season.
F	HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES 2016:
1	The industry shall obtain authorization under Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2016 and shall comply with the provisions of the said rules.
2	The applicant shall provide closed shed for storage of hazardous and other wastes.
G	SELF MONITORING AND REPORTING
1	The applicant shall carryout environmental monitoring during construction phase in the frequency as given below. a) Ambient Air Quality - As per NAAQ Standards b) Ambient Noise Monitoring- Once in a month c) Ground water quality in and around the project site - once in 3 months
2	The industry shall ensure continuous operation and connectivity of Online Continuous Emission Monitoring System (OCEMS) for boiler stacks for Particulate Matter & Flow parameter and shall be connected to CPCB and SPCB server as per CPCB directions. The specification/ sensor used in online continuous monitoring system shall be in accordance with CPCB specification. The applicant shall calibrate these systems from time to time according to equipment supplier specification through labs recognized under the Environment (Protection) Act, 1986 or NABL accredited laboratories.
3	Online flow meters with data recording facility which should be transmitted online to CPCB and SPCB shall be installed at the raw spent wash generation line and the concentrated spent wash line connecting to the final storage lagoon/tank before incineration. For distillery plants having advanced integrated multiple effect evaporators where concentrated spent wash is being directly generated, new meters with similar specification shall be installed with data connectivity to CPCB and SPCB at the concentrated spent wash line connecting to the final storage lagoon/tank before incineration and at the alcohol production line for assessment of concentrated spent wash generation ratio.
4	The cameras should be IP camera with PAN, TILT Zoom, 5x or above focal length with night vision capability and should be installed at relevant locations of incineration area and final spent wash storage lagoon/Conc. Spent Wash storage tank, as applicable. The camera feed should be integrated with all camera controls (pan, zoom, tilt) and shown on central platform, where data on other parameters (effluent monitoring/flow-meters/emission monitoring) is displayed/submitted. The camera feed shall be provided without pre-requirement of any plug-in software for data display or data submission and shall be available in the Google chrome browser.
5	The industry shall carry out the analysis of various prescribed effluent/soil/ground water quality parameters from the MoEF & CC recognised/accredited laboratories.
H	GENERAL CONDITIONS:
1	The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. The storm water shall not be allowed to mix with the effluents



2	The noise levels measured at the boundary of the industry shall not exceed the prescribed limits of 75 dB (A) leq. during day time and 70 dB (A) leq during night time respectively.
3	The applicant shall carryout intensive plantation / green belt development as per the EC conditions.
4	The applicant implement solar power harvesting in parking area, on buildings and open areas to meet 15 % of the total power requirement through solar power.
5	The applicant shall implement scientific storm water management plan for the complete industrial premises. The industry shall harvest rain water from the roof top of the buildings and storm water drains to recharge the ground water and reuse the same for process/utilities / green belt development so as to conserve fresh water. The applicant shall construct a storage pond of 60 days capacity for collection and use of rainwater.
6	The industry shall comply with Plastic Waste Management Rules, 2016 (with up to date amendments), E- Waste Management Rules, 2016 (with up to date amendments), Bio-medical Waste Management Rules, 2016 (with up to date amendments) and Battery Waste Management Rules, 2022.
7	The industry shall submit half yearly compliance report to the Board on or before 30 th October for the period April- September and 30 th April for the period October - March.
8	The industry shall metal all the internal roads to avoid dust emissions.
9	The applicant shall obtain insurance under Public Liability Insurance Act 1991 and also pay equivalent premium to the Environment Relief Fund (ERF) as per the said Act and submit copy of the policy to the Board.
10	The industry shall carry out awareness activities on environmental Protection among employees and community.
11	Non-compliances to the conditions stipulated, Board has the right to withdraw the consent.
12	The applicant shall submit compliance report to the conditions stipulated in this consent order within 30 days.


SENIOR ENVIRONMENTAL OFFICER
17 CATEGORY & E-GOV CELL



ANNEXURE-A

DISCHARGE STANDARDS FOR SEWAGE TREATMENT PLANT

Sl. No.	Characteristics	Standards
1	pH	6.5 to 8.5
2	BOD, mg/l (3 days at 27 ^o C)	< 10
3	TSS, mg/l	< 10
4	COD, mg/l	< 50
5	Ammonical Nitrogen, mg/l	< 5
6	Total Nitrogen, mg/l	< 10
7	Faecal coliform, MPN	<100/100 ml


SENIOR ENVIRONMENTAL OFFICER
17 CATEGORY & E-GOV CELL

R.S.K

ANNEXURE - B

DETAILS OF AIR POLLUTION SOURCES AND APC MEASURES TO BE PROVIDED

Chimney No.	Chimney attached to	Minimum chimney height to be provided	Constituent to be controlled in the emission	Tolerance limits mg/Nm ³	Air pollution control equipment to be installed
1	DG Set 1500 KVA Set - I	30 m AGL	Refer note below	Refer note below	Acoustic enclosure
2	DG Set 1500 KVA Set - II	30 m AGL	Refer note below	Refer note below	Acoustic enclosure
3	Incineration Boiler- 125 TPH (Bagasse + Con. Spent wash)	75 m AGL	PM	150	Electrostatic Precipitator

Note:

1. Air Pollution Control measures as above shall be provided and operated at all times.
2. AGL – Above Ground Level, ARL- Above Roof Level, PM- Particulate Matter.
3. The emission standards for DG Set 1500 KVA :
 - (a) NO_x (as NO₂) (AT 15% O₂), dry basis, in ppmv < 710
 - (b) NMHC (as C) (at 15% O₂), mg/Nm³ < 100
 - (c) PM (at 15% O₂), mg/Nm³ < 75
 - (d) CO (at 15% O₂), mg/Nm³ < 150


SENIOR ENVIRONMENTAL OFFICER
17 CATEGORY & E-GOV CELL







CIN: U74900KA2013PTC069193

MOU WITH VARIOUS EDUCATIONAL,
GOVERNMENT AND PRIVATE AGENCIES

NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR
DHARWAD, KARNATAKA, INDIA PIN: 580 008
PH: 0836-2771115, 2778521

email: nicechem@gmail.com, website: nichromelabs.com

TESTING / CONSULTING / ENGINEERING / TRAINING

Format No: NTLR/7.8/F/03-C/09

Page 1 of 1

TEST REPORT

Name of Customer and Address:

TRUALT BIOENERGY LIMITED,
Unit-IV, New Sugar Mill, Near Village
Kerakalmatti, Badami Taluk,
Bagalkot-587206

Customer Reference:

PO NO : 7200000768
Date : 05-02-2025

Sampling Location:

16 TPH Boiler

Sample Description:

Thimble, SO₂ & NO₂ Solution

Report Number:

JAN/26-27/291

Sample Number:

JAN/26-27/291

Type of Sample:

STACK

Discipline :

Chemical

Group:

Atmospheric Pollution

Sample Collected by:

Nichrome Testing Laboratory and
Research Private Limited
APHA 24th EDITION, 1060

Sampling Method:

Grab

Particulars of Sample Collected:

26°C

Environmental Condition:

20/01/2026

Date of Collection:

20/01/2026

Date of Sample Receipt:

21/01/2026

Date of Analysis Started:

23/01/2026

Date of Completion:

23/01/2026

Date of Report:

Satisfactory

Sample Condition:

KSPCB

Specification Standard:

GENERAL DETAILS

Fuel Used	Baggase & Spent Wash
Height (m)	75
Diameter (m)	6
Stack Temperature ⁰ C	105
Ambient Temperature ⁰ C	26
Flue Gas Velocity (m/sec.)	7.78

RESULTS

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	IS 11255 (Part 1)	108.8	150
2	Sulphur dioxide	mg/Nm ³	IS 11255 (Part 2)	IS 11255 (Part 2)	7.87	Not Specified
3	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	IS 11255 (Part 7)	25.1	Not Specified

Inference as per KSPCB Standards

Above tested parameters are conforming to standards.

Reviewed & Authorized by
Channabasappa Maikar (Chemical)

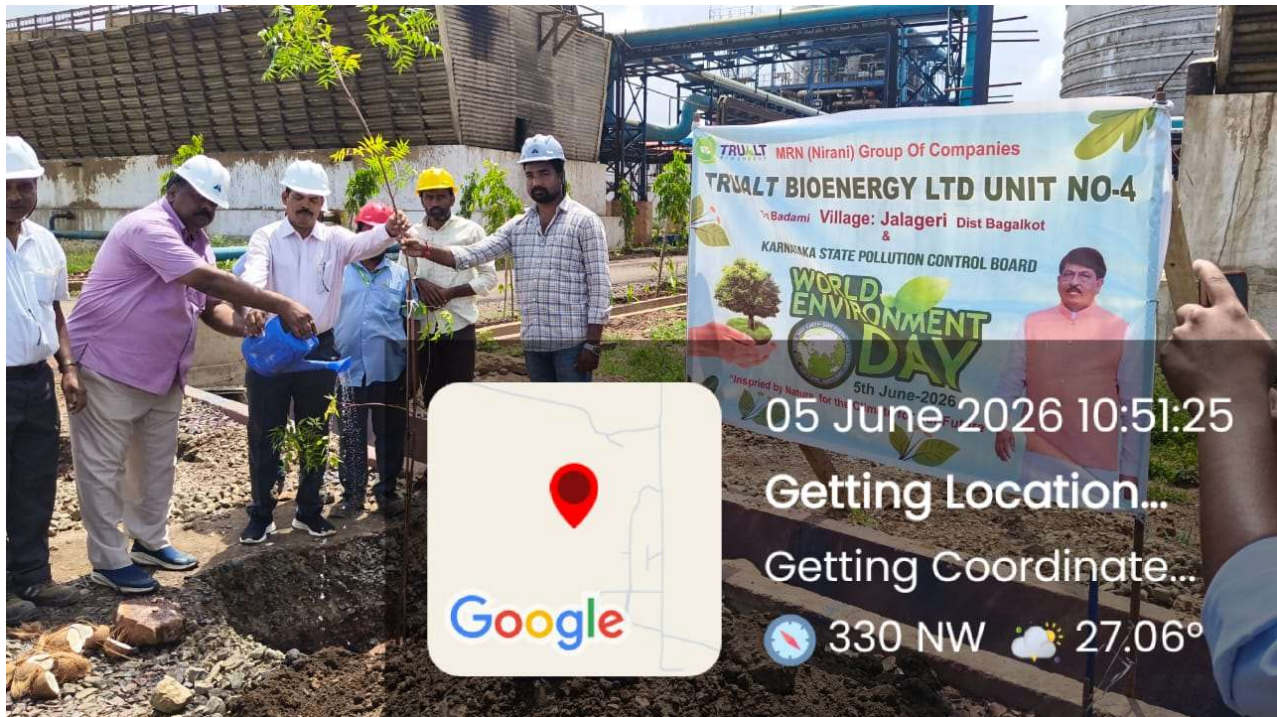
:-END OF REPORT:-

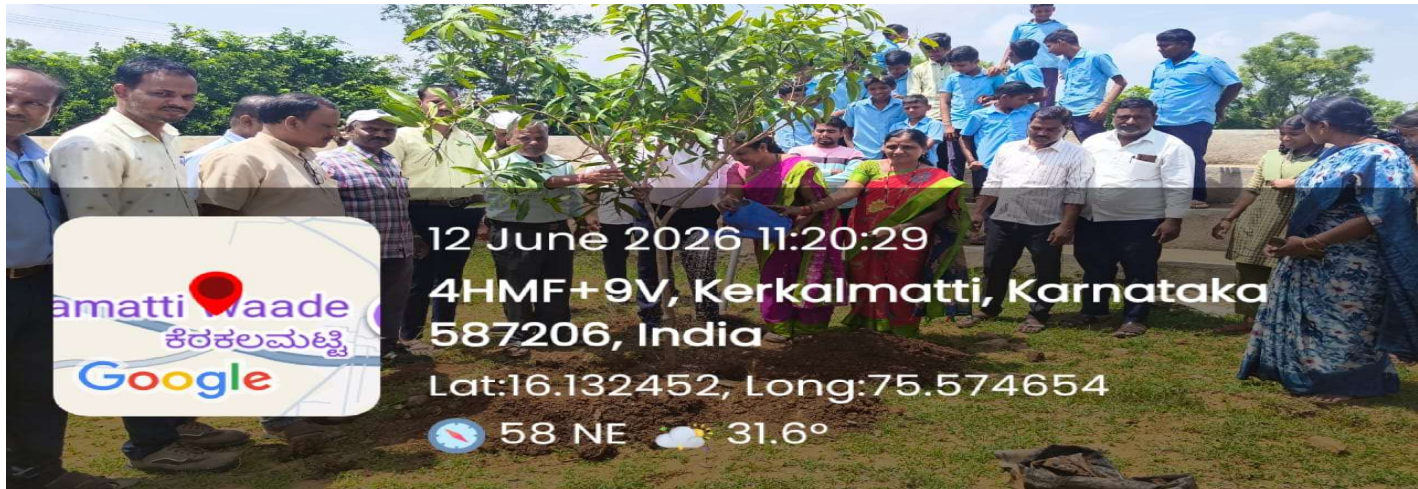
Note:

1.The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3.Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5.If any disputes Subject to Dharwad Jurisdiction. 6.When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with Customer service Coordinator.



GLIMPSES OF WORLD ENVIRONMENT DAY CELEBRATION







CIN: U74900KA2013PTC069193

MOU WITH VARIOUS EDUCATIONAL,
GOVERNMENT AND PRIVATE AGENCIES

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AND RESEARCH PRIVATE LIMITED**

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Page 1 of 1

TEST REPORT

Name of Customer and Address:
TRUALT BIOENERGY LIMITED,
Unit-IV, New Sugar Mill, Near Village
Kerakalmatti, Badami Taluk,
Bagalkot-587206.

Customer Reference:
PO NO : 7200000768
Date : 05-02-2025

Sample Description:
Noise Data

Report Number: JAN/26-27/293
Sample Number: JAN/26-27/293
Type of Sample: AMBIENT NOISE (DAY)
Discipline : Chemical
Group: Atmospheric Pollution
Sample Collected by: Nichrome Testing Laboratory and
Research Private Limited
Sampling Method: IS 9989: 2014
Particulars of Sample Collected: Noise Level Meter
Environmental Condition: 26° C
Sampling From: Date: 20/01/2026
Sampling Till: Date: 20/01/2026
Sate of Sample Receipt: 20/01/2026
Date of Report: 21/01/2026
Specification Standard: KSPCB Standards

RESULTS

S.No	Sampling Location	Sample Code	Time Frequency	Results (Day Time)			
				Maximum in dB (A) Leq	Minimum in dB (A) Leq	Leq in dB (A)	Permissible Limits in dB (A) Leq
1	Near Main Gate	293	10:00 am To 10:15 am	51.3	72.5	68.8	75

Inference as per KSPCB Standards	Above tested parameter is conforming to standards.
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Reviewed & Authorized by
Channabasappa Maikar (Chemical)



-:END OF REPORT:-

Note:

1.The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3.Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5.If any disputes Subject to Dharwad Jurisdiction. 6.When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with Customer service Coordinator.