ANGADI SUGARS & POWER LTD.

Factory Site: Survey No: 82, Village Ganikoppa, Tal : Bailhongal,
Dist. Belagavi – 591 103, Karnataka.
CIN: U15122KA2011PLC058423

To,

Date: 20.07.2022

Member Secretary- Industry-2,
Ministry of Environment Forest and Climate Change,
Indira Paryavaran Bhavan, Jor Bagh Road,
New Delhi – 110 003

Sir,

Sub: Environmental Clearance for the proposed establishment of Sugarcane Crushing Plant of 5,000 TCD capacity, Co-gen power plant 25 MW and Distillery Plant of 200 KLPD using multi feedstock by M/s Angadi Sugars and Power Ltdat Survey No. 81/1,81/7,81/8,81/381/4+5,82/2,82/3,82/6,82/10,82/13,82/4, Ganikoppa village, Bailahongal Taluk, Belgaum District, Karnataka.

With reference to the above subject,M/s.Angadi Sugars and Power Ltd, propose to establish integrated sugar, Co-generation power plant and distillery of 5000 TCD, 25 MW & 200 KLPD at above mentioned located.

The project activity falls under serial no. 5(j),5 (g), and 1(d) of the schedules viz. sugar,Distilleries, and co-generation Power Plants of EIA Notification 2006 respectively. Since, the proposed project is not in designated industrial area notified by Government of Karnataka, it falls in Category 'A' of the said Notification.

We are submitting herewith the application for prior Environmental Clearance in Form-1 along with Prefeasibility Report and related project documents for your kind consideration.

We request you to kindly consider the application and grant us the Standard Terms of Reference (ToR) to prepare EIA as required under EIA Notification 2006 and oblige.

Thanking you,

For M/s. Angadi Sugars and Power Ltd.,
Yours Faithfully

For ANGADI SUGARS & POWER LTD.

Managing Director

Ms. Shradha Suresh Angadi
Managing Director

Corporate Office: Shri Laxmi Complex, 4855/83, 1St Cross, APMC Road.
Sadashiv Nagar, Belagavi – 590019, Karnataka.
0831 2405140 096862 91002
angadisugars@gmail.com | shradha.angadi04@gmail.com

ANGADI SUGARS AND POWER LIMITED

Regd Office: 4855/83, 1st Cross, Shri Laxmi Complex, APMC Road, Sadashiv Nagar, Belgaum - 590001
CIN: U15122KA2011PLC058423
E Mail: angadisugars@gmail.com Telephone: 0831 - 2405140

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF ANGADI SUGARS AND POWER LIMITED AT THEIR MEETING HELD ON THE MONDAY 27TH DAY OF JUNE 2022 AT THE REGISTERED OFFICE OF THE COMPANY AT 10.00 A.M.

RESOLUTION

AUTHORISATION TO M/S. SAMRAKSHAN TO SUBMIT APPLICATON AND RELATED DOCUMENTS FOR SEEKING ENVIRONMENT CLEARANCE FROM MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, DELHI.

"RESOLVED FURTHER THAT the approval of the Board be and is hereby accorded to authorise M/s. Samrakshan through its authorised signatory Mrs. Shradha Suresh Angadi to make application and submit related documents to Ministry of Environmental Forest and Climate Change to seek Environment Clearance on behalf of the Company. Further they are Authorised to Sign the application and other documents on behalf of the company."

"RESOLVED FURTHER THAT any one of the Directors of the Company or the Company Secretary be and are hereby authorised to furnish the certified copy of the Board Resolution as and when required".

// CERTIFIED TRUE COPY //

For and On behalf of the Board
For **ANGADI SUGARS AND POWER LIMITED**

Place: Belgaum
Date: 27.06.2022

Spoorti Suresh Angadi
Director
Din: 03365480
"Spoorti" Building, Sampige Road, Vishveshwarayya Nagar, Belgaum-590001

Sankalp Jagadish Shettar
Additional Director
Din: 07271427
#31, Madura Estate, Nagashettikoppa, Keshwapur, Badami Nagar, HUBLI-580023

APPENDIX I
(See paragraph – 6)
FORM 1
Basic Information

1	Name of the Project?	Proposed Establishment of Sugarcane Crushing Plant of 5,000 TCD capacity, Co-gen power plant 25 MW and Distillery Plant of 200 KLPD using multi feedstock by M/s Angadi Sugars and Power Ltd.,
2	Sl. No. in the schedule?	EIA Notification 14th Sept 2006, schedule 5(g),5(j),& 1(d) , category A
3	Proposed capacity/ area/ length/ tonnage to be handled/command area/lease area/number of wells to be drilled?	Total Plot Area: **68.24 Acres or 27.62 Hectares** Proposed Sugar Cane Crushing Capacity:5000 TCD. Proposed Cogen capacity: 25 MWH Distillery capacity: 200 KLD
4	New / Expansion / Modernization?	New
5	Existing capacity/Area	No
6	Category of project i.e. `A` or `B`?	A
7	Does it attract the general condition? If yes, please specify.	No
8	Does it attract the specific condition? If yes, please specify.	No
9	Location	
	Plot/Survey/Khasra no.	SyNos.81/1,81/7,81/8,81/381/4+5,82/2,82/3,82/6,82/10,82/13,82/4
	Village	Ganikoppa
	Thesil	Bailahongal
	District	Belgaum
	State	Karnataka
10	Nearest railway station/airport along with distance in km?	Belgaum railway station is at a distance of 14.35 km towards west from the project site. Belgaum airport is at a distance of 5.2 km towards north west
11	Nearest Town, City, District Headquarters along with distance in km?	Belgaum at a distance of 12 km towards west
12	Village Panchayats, ZillaParishad, Municipal Corporation, Local Body? (Complete postal addresses with telephone nos. to be given).	Ganikoppa Belgaum at a distance of 12 km towards west
13	Name of the applicant	Ms. Shradha Suresh Angadi
14	Registered address	ANGADI SUGARS & POWER LIMITED Shri Laxmi Complex #4855/83, 1st cross, Sadashiv Nagar,APMC Road, Belagavi-5900019
15	Address for correspondence	Same as above
	Name	Ms. Shradha Suresh Angadi
	Designation (Owner/Partner/CEO)	Managing Director

Shradha Angadi

Angadi Sugars & Power Ltd. Belagavi-590019

	Address	"Spoorti" Building, Sampige Road, Vishweshwarayya Nagar Belagavi - 590001
	E – mail	shradhaangadi<shradha.angadi04@gmail.com>
	Telephone No.	-
	Mobile No.	9686291002
	Fax No.	--------
16	Details of alternative sites examined, if any? Location of these sites would be shown on a topo sheet.	No alternative sites are examined.
17	Interlinked Projects	No
18	Whether separate application of interlined project has been submitted?	No
19	If yes, date of submission?	-
20	If no, reason?	-
21	Whether the proposal involves approval/clearance under: a) The Forest (Conservation) Act 1980? b) The wildlife (Protection) Act, 1972? The C R Z Notification, 1991? If yes, details of the same and their status to be given.	 No No No
22	Whether there is any Government Order/Policy relevant/relating to the site?	Land of the industry is converted from agriculture to industrial use by Deputy commissioner ,Bagalkot. Vide Order No.SL.RB/LNA/SR(1)/101/13-14
23	Forest land involved (Hectares)?	None
24	Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up? a) Name of the court b) Case No. c) Orders/directions of the court, if any and its relevance with the proposed project.	None

Screening Category: The proposed project is under category A, Schedule 5(g),5(j)& 1(d) as per EIA notification September 14th 2006

Shradhaangadi

Angadi Sugars & Power Ltd. Belagavi-590019

(ii) **Activity**

1. **Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

Sl. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)?	Yes	The proposed land is agriculture land owned by promoters and Converted into Non-Agriculture (NA) land to use for industrial.
1.2	Clearance of existing land, vegetation and buildings?	Yes	Clearance of rank vegetation is required. No building is existing in the proposed land.
1.3	Creation of new land uses?	Yes	From agriculture to NA & use for industry purpose
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Geotechnical investigations will be carried out before commencement of construction work.
1.5	Construction Works?	Yes	Construction of factory building, sugar plant,Fermentation, Evaporation, Distillation unit, installation of boiler and TG house, CPU/ETP facilities, erection of equipment and machineries, storage facilities of raw materials and finished products, ethanol & ENA storage tanks, administrative building, pollution control facilities, rest rooms for employees etc.,
1.6	Demolition works?	No	No demolition works involved
1.7	Temporary sites used for construction works or housing of construction workers? (Details of labor camps, no. of labors, no. of toilets, bath rooms, medical facilities for labors, safety measures for labors, nursery for labors children).	Yes	Local manpower will be utilized for the civil works. Facility for temporary housing of construction laborers is also proposed. Proper sanitation facilities will be provided.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations? (Calculation for earth work estimation).	Yes	All the buildings are above ground level. Excavation cuts and fill becomes necessary at the time of foundation level.
1.9	Underground works including mining or tunneling?	No	NA
1.10	Reclamation works?	No	NA
1.11	Dredging?	No	NA
1.12	Offshore structures?	No	NA

Angadi Sugars & Power Ltd. ★ Belagavi-590019 ★

1.13	Production and manufacturing processes?	- Yes	Sugar manufacturing process: 1. Sugarcane crushing for extraction of Juice 2. Clarification of the extracted juice 3. Concentration of the clarified juice 4. Boiling of syrup to grain (crystallization) 5. Separation of crystals from mother liquor (centrifuging) Cogen production use: 1.The bagasse obtained after juice extraction is used as a fuel for boiler to generate steam. 2.Steam is used for generation of electricity. Distillery process: 1. Yeast culture preparation. 2. Molasses dilution 3. Diluted molasses feeding to fermentation with pre fermented yeast. 4. Fermentation 5. Distillation 6. Purification
1.14	Facilities for storage of goods or materials?	Yes	Sugar unit:Sugar cane storage-open yard, Product storage –Godown for storage of sugars, lime &sulphur Steel Molasses storage tanks Distillery unit: steel tank Finished product storage tank: • Rectified spirit : • Impure alcohol: • ENA : • Ethanol : • Hazardous wastes is used DG set oil will be stored in sealed barrel & disposed as lubricant for chains,sprockets. Oil soaked cotton waste-used in storage yard and Usedforlightup/start-up of IncinerationBoiler

Angadi Sugars & Power Ltd. Belagavi-590019

1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	- Yes	A.Industrial Effluent: i) Sugar and Cogen industry effluent: • Industry has adopted the recovery & reuse system for condensate from process, after treatment in condensing polishing unit. The same process will continue after expansion. • The trade effluent generated includes cooling tower blow down, boiler blowdown, D.M plant regeneration effluent. • The sugar plant trade effluent will be treated and used for irrigation. Domestic effluent: treated in septic tank and soak pit and overflow will be diverted to sugar plant CPU or distillery CPU ii) Distillery : Spent wash is treated in MEE, concentrate is used as fuel in the incineration Boiler. Condensate from MEE along with spent leesis treated in condensate polishing unit and reuse for cooling. Boiler blow down , cooling tower blow downand miscellaneous effluentare treated and is re used. iii) Co generation Effluent: Treated along with sugar plant effluent. B. Solid waste i) sugar plant& Cogen Plant Boilerash:sold to brick manufacturers Press mud: given to farmers as manure. ETP sludge: used as manure for green belt. ii) Distillery unit: yeast sludge is given to farmers to use it as biomanure Incineration Boiler ash: given to farmers for to use it manure which is potash rich
1.16	Facilities for long term housing of operational workers?	No	A colony will be established for the officers and workers at later stage. In this present scope it is not included.
1.17	New road, rail or sea traffic during construction or operation?	No	Existing road / transport facilities will be used during construction and operation phase.
1.18	New road, rail, air, waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Existing infrastructure facilities will be utilized.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	NA

Angadi Sugars & Power Ltd. ★ 590019 ★ Belagavi

1.20	New or diverted transmission lines or pipelines?	No	NA
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	NA
1.22	Stream crossings?	Yes	First and second order storm drains passes in the periphery of the project site from north towardssouth. A portion of the stream exists within the project premises
1.23	Abstraction or transfers of water form ground or surface waters?	No	The source of raw water supply is fromMalaprabha river from Tigadi Dam. Borewell is already present and utilizing for for agriculture at present stage. Rain water harvesting system will be constructed to utilize it to replace fresh water requirement.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will be no changes in water bodies on the land surface affecting drainage or runoff.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The existing road will be utilized for access to the site for transportation of material and personnel during operation phase.
1.26	Long-term dismantling or decommissioning or restoration works?	No	NA
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	NA
1.28	Influx of people to an area either temporarily or permanently?	Yes	For the proposed project, 235 permanent employees will be recruited from local sources. Marginal development around the proposed plant is expected in the form of supporting facilities like small hotel, shops etc.
1.29	Introduction of alien species?	No	NA
1.30	Loss of native species or genetic diversity?	No	There is no loss of native species or genetic diversity at site.
1.31	Any other actions?	No	NA

2. Use of natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

Sl. No.	Information/checklist confirmation	Yes/ No	Details
2.1	Land especially undeveloped or agricultural land (ha)	Yes	Land is open field with bushes & shrubs grown.
2.2	Water (expected source & competing users) unit: KLD	Yes	▪ Tigadi check Dam of Malaprabha river/borewell and rain water ▪ Quantity applied : 3500 KLD ▪ Total freshwater requirement for a) Sugar and Cogen industry - 2000 KLD b) Distillery - 1300 KLD
2.3	Minerals (MT)	No	NA
2.4	Construction material – stone,	Yes	Cement, Stones, Bricks, Sand from the

Angadi Sugars & Power Ltd. ★ Belagavi-590016 ★

	aggregates, sand/soil (expected source – MT)		nearest available source.
2.5	Forests and timber (source – MT)	No	NA
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	• During crushing season, it will generate 25 MW, 12.28 MW is utilized for operation of industry and surplus 12.72 MW will be exported. • During off season it will generate 25 MW, • 8.72 will be utilized for industrial operations & surplus will be exported 16.28 MW • For 80 TPH boiler, bagasse will be used as fuel. • For 80 TPH incineration boiler, spent wash and bagasse in the ratio 70:30 will be used. • DG set of 1000 k.V.A&800 k.V.A will be kept as backup in case of power failure.
2.7	Any other natural resources? (use appropriate standard units)	No	NA

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)?	Yes	Sulphuric acid is used in process and is stored in the premises in MS Tanks.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)?	No	Not Applicable- Mandatory use of PPEs for employees during working hours.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	There will be marginal improvement in Socio economic condition around the project site like direct or indirect employment opportunities and up gradation of infrastructural facilities
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.?	No	NA
3.5	Any other causes?	No	NA

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Soil, overburden or mine wastes?	Yes	The excavated soil will be used for leveling and back filling the foundation

4.2	Municipal waste (domestic and or commercial wastes)?	Yes	Domestic solid waste of 75 Kg/day is segregated in to organic and in organic waste. Organic waste of 45 Kg is composted and in organic waste of 35 kg is given to outside agency.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)?	Yes	Oil soaked cotton waste:25 kg/A Oil soaked cotton waste will be burnt in boiler. Used oil:2 KL/A Collected in barrels, Stored in secured manner and used for lubricating in the machinery and equipment. Empty barrels: 30-50 No.s Stored in secure manner and handed over to authorized re-cyclers
4.4	Other industrial process wastes?	Yes	Press mud :200 TPD ETP sludge:1.0 TPD from sugar and distillery plant Boiler ash:7TPH Incineration boiler ash:144 TPD
4.5	Surplus product?	No	NA
4.6	Sewage sludge or other sludge from effluent treatment?	Yes	Sludge from the sugar ETP and septic tank is taken to Sludge drying beds and dried sludge is used in compost making process
4.7	Construction or demolition wastes?	No	NA
4.8	Redundant machinery or equipment?	No	NA
4.9	Contaminated soils or other materials?	No	NA
4.10	Agricultural wastes?	No	NA
4.11	Other solid wastes?	No	NA

5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr)

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Boilers & DG sets Boilers: 80 TPH Incineration boiler:80 TPH DG set: 1000 kVA& 800 kVA Stacks of adequate height and APC equipmentswill be provided as per KSPCB consent conditions. • For boiler , bagasse is used as fuel. • For D.G set diesel is used as fuel. ESP is proposed APC , chimney of height as required for dispersion of pollutant will be provided.
5.2	Emissions from production processes?	Yes	Approximately 150 TPD of CO_2 emissions from fermentation process in distillery plant
5.3	Emissions from materials handling including storage or transport?	Yes	Fugitive emissions from bagasse and fly ash management and handling. Closed sheds and conveyor systems and water sprinkling arrangements will be provided to

Angadi Sugars & Power Ltd. ★ Belagavi-590014 ★

		-	mitigate fugitive emissions.
5.4	Emissions from construction activities including plant and equipment?	Yes	Loading and unloading of construction material, transportation of vehicles leads to dust emission. The material handling including storage and transportation contribute to fugitive emissions.
5.5	Dust or odors from handling of materials including construction materials?	Yes	Dust emission during construction phase is likely to contribute dust. Odor problem may be felt in slop handling area.
5.6	Emissions from incineration of waste?	No	NA
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)?	No	NA
5.8	Emissions from any other sources?	No	NA

6. Generation of noise and vibration, and emissions of light and heat

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers?	Yes	Source of noise pollution - Boiler and DG sets and milling section, compressorsetc Acoustic enclosures will be provided for the DG sets, Boiler and milling section,greenbelt development will suppress the noise level and restrict to industry premises.
6.2	From industrial or similar processes?	Yes	Compressors, turbines, steam exhaust and recycle pumps at various operations.
6.3	From construction or demolition?	No	No demolition work involved
6.4	From blasting or piling?	No	NA
6.5	From construction or operational traffic?	Yes	Transportation of raw materials and products is expected to increase the traffic marginally. Exposure is confined to limited area and duration. Vehicles will be regularly serviced. speed of vehicles to be regulated
6.6	From lighting or cooling systems?	Yes	Cooling tower exhaust fans
6.7	From any other sources?	No	NA

7. Risks of contamination of land or water from release of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials?	Yes	Hazardous Waste generation from the process is the waste oil from the DG Sets. Used oil is collected in leak proof barrels, stored in a seperate yards, disposed to KSPCB authorized re processor. Oil soaked cotton waste will be burnt in boiler.

Angadi Sugars & Power Ltd. ★ Belagavi-590019 ★

		-	Empty barrels: 30-50 No.s Stored in secure manner and handed over to authorized re-cyclers
7.2	From discharge of sewage or other effluents to water or land (expected mode and place of discharge)?	No	Domestic sewage –treated in Septic tanks and sent to soak pits. Industrial effluent: sugar plant effluent after treatment is used for gardening and irrigation. Distillery unit : adopted ZLD concept in the process.
7.3	By deposition of pollutants emitted to air, into the land or into water?	Yes	Boiler emission. particulate less than 150 mg/NM^3
7.4	From any other sources?	No	NA
7.5	Is there a risk of long term build-up of pollutants in the environment from these sources?	No	NA

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances?	Yes	Risk of accident due to storage of RS/ENA/Ethanol cannot be ruled out. Prevention measuresto be are adopted to prevent any such conditions. Molasses will be stored in MS tank farm with dyke wall all-round. Fire fightingequipmentsto be placed in appropriate places. Better housekeeping measures will be adopted to avoid spillages
8.2	From any other causes?	No	NA
8.3	Could the Project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc.)?	No	Natural calamities cannot be ruled out. Project is in the seismic zone III. However, all precautions are in place to meet the eventualities to reduce the damage/impact.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supportingutilities, ancillary development or development	Yes	• Agriculture activities will be improved as the more area will come under sugarcane growing. • The educated youthcan get job and

Anugadi Sugars & Power Ltd. ★ Belagavi-590005

	stimulated by the Project which could have impact on the environment e.g. • Supporting infrastructure (roads, power supply, waste or wastewater treatment, etc.) • Housing development • Extractive industries • Supply industries • Other	-	educational level will improve.
9.2	Lead to after-use of the site, which could have an impact on the environment?	No	NA
9.3	Set a precedent for later developments?	Yes	Net positive impact of the surrounding area is expected
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects?	No	NA

(II) Environmental sensitivity

Sl. No.	Areas	Name/ identity	Aerial distance (within 15 km) proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value?	No	NA
2	Areas which are important or sensitive for ecological reasons - wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests?	Yes	First and second order storm drains passes in the periphery of the project site from north towardssouth. A portion of the stream exists within the project premises
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration?	No	NA
4	Inland, coastal, marine or underground waters?	No	NA
5	State, National boundaries?	No	NA
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas?	Yes	NH48-(Bengaluru-Mumbai Highway) is at a distance of 4.5 km towards south from the project site
7	Defense installations?	No	NA
8	Densely populated or built-up area?	Yes	Belgaum,-12 kms
9	Areas occupied by sensitive man-made land uses *(hospitals, schools, places of worship, community facilities)*?	Yes	Ganikoppa village 0.5 km towards SE Chandan Hosur-1.45 km towards west Marikatti village -1.89 km towards east
10	Areas containing important, high quality or scarce resources *(ground water resources, surface resources, forestry, agriculture, fisheries, tourism,*	Yes	Tigadi dam- 4.79 km towards east

Angadi Sugars & Power Ltd. ★ Belagavi-590019 ★

	minerals)?		
11	Areas already subjected to pollution or environmental damage *(those where existing legal environmental standards are exceeded)*?	No	NA
12	Areas susceptible to natural hazard which could cause the Project to present environmental problems (*earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions*)?	No	NA

"I hereby undertake that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance, if any, given to the project will be revoked at our risk and cost.

Date:
Place:

For Annadi Sugars and Power Limited
FOR ANNADI SUGARS & POWER LTD.

(signature and seal by applicant)
Managing Director

Pre – Feasibility Report

For

Proposed Establishment of Sugarcane Crushing Plant of 5,000 TCD capacity, Co-gen power plant 25 MW and Distillery Plant of 200 KLPD using multi feedstock

By

M/s. Angadi Sugars Limited
Ganikoppa Village, Bailahongal Taluk,
Belgaum

Prepared by

SAMRAKSHAN
Accreditation No. NABET/EIA/1922/IA0051
F- 4, Ist Floor, Swastik Manandi Arcade
SC Road, Sheshadripuram
Bangalore - 560 020

July 2022

Table of contents

List of Tables

List of Figures

List of Photographs

List of Documents

Sl No	List of Annexures
1	Land conversion records
2	Application of river water withdrawal permission letter to Water Resource Department
3	Location of project site in google map
4	Topo map covering 10 km radius around project site
5	Layout Plan of project site

CHAPTER 1

EXECUTIVE SUMMARY

Angadi Sugars & Power Ltd. (ASPL) is registered in the State of Karnataka under the Companies Act, 1956 on May 2, 2011 vide registration No U15122KA2011PLC058423.

ASPL proposes to set up an integrated sugar mill of 5000 TCD capacity, to be located at Village Ganikoppa, Taluk Bailahongal, District - Belgaum, Karnataka. The project is proposed to be set up co-extensively with integrated eco-friendly 25 MW capacity Co-generation of power & 200 KLPD Ethanol Plant using Cane Juice Syrup and B- heavy molasses as feed stock. Ethanol produced will be given to oil companies for blending it with petrol. Management is also planning to make provision to produce potable alcohol.

The integrated project comprises of a sugar plant for the manufacture of high quality sugar, thereby making available required bagasse for the Cogen power plant. The command area of the proposed sugar plant has excellent irrigation facilities, potential for sustained cane supply to the sugar mill and avaliability of water supply.

The promoters have extensively and carefully analysed the present and future scenario of alcohol and sugar industry, particularly the latest conducive policies from the Central Government & push for Ethanol production by Sugar Factories in India. They have also studied carefully the present irrigation facilities and surplus cane availability, as well as future potential of irrigation and additional cane availability. The command cane area has excellent irrigation facilities due to the perennial water source.

The salient features of the project is in Table 1.1.

Table 1.1 Salient features of project

Sl. No	Particulars	Details
1	Project Activity Schedule as per EIA notification 2006 & amendment	Schedule 5 (j), 5(g) and 1(d) – Sugar, Distilleries and cogeneration power plant
2	Total area of the plot	68.24 Acres or 27.62 Hectares
3	Total project cost	Rs.667.4 crores
3	Water source & requirement	▪ Tigadi check Dam of Malaprabha river/borewell and rain water ▪ Quantity applied : 3500 KLD ▪ Total freshwater requirement for

<table>
<tr><td></td><td></td><td>a) Sugar and Cogen industry - 2000 KLD
b) Distillery - 1300 KLD</td></tr>
<tr><td>4</td><td>Employees</td><td>
<table>
<tr><th>Manpower Details</th><th>Sugar Industry
Cogen Industry</th><th>Distillery</th></tr>
<tr><td colspan="3">Construction phase</td></tr>
<tr><td>Permanent</td><td colspan="2">15</td></tr>
<tr><td>Contract</td><td colspan="2">50</td></tr>
<tr><td colspan="3">Operation phase</td></tr>
<tr><td>Permanent</td><td>70</td><td>65</td></tr>
<tr><td>Contract</td><td>75</td><td>25</td></tr>
<tr><td>Grand Total</td><td>220</td><td>80</td></tr>
</table>
</td></tr>
<tr><td>5</td><td>Waste water generation</td><td>Sugar industry:
• Process effluent (mill, juice, boiling and lab washing) from sugar industry will be treated in ETP and used on land for irrigation
• Excess condensate will be treated and reused in sugar process and co-gen cooling tower makeup.
Distillery
• Distillery Raw spent wash will be concentrated in MEE and the concentrate raw spent wash will be incinerated in incineration boiler of 80 TPH.
• Condensate from MEE, spent lees and other utility effluents will be treated in CPU of capacity 1500 KLD and treated effluent will be reused in process dilution and cooling tower makeup.
• The distillery plant will work on the principle of ZLD system.
• For Sewage effluent decentralised septic tanks and soak pits will be provided.</td></tr>
<tr><td>6</td><td>Air Pollution Sources and control equipment</td><td>Conventional Boiler :80 TPH Bagasse fired boiler
Stack height of chimney: 60 m AGL
Incineration boiler: 80 TPH incineration boiler
Stack height of chimney: 85 m AGL
APC: Electro static precipitator
DG set:
• 1000 kVA – 1 No. for Sugar Plant
APC: Stack height of 30m AGL
• 800 kVA – 1 No. for Distillery
APC: Stack height of 8m AGL</td></tr>
<tr><td>7</td><td>Solid waste</td><td>
<table>
<tr><th>Sl. No.</th><th>Details of the Solid waste</th><th>Utilization existing and after proposed expansion</th></tr>
<tr><td>1</td><td>Bagasse</td><td>Used as fuel in Boiler</td></tr>
<tr><td>2</td><td>Press mud</td><td>Given to farmers for composting</td></tr>
<tr><td>3</td><td>ETP sludge</td><td rowspan="2">Used in manure preparation</td></tr>
<tr><td>4</td><td>Sludge (Yeast)</td></tr>
<tr><td>5</td><td>Boiler Ash</td><td>Sold to brick manufacturers / used for manure preparation.</td></tr>
<tr><td>6</td><td>Incineration boiler ash</td><td>Given to farmers as manure as it is potash rich</td></tr>
</table>
</td></tr>
<tr><td>8</td><td>Details of any ecologically sensitive areas</td><td>There is no ecologically sensitive area in 15 km radius from the factory.</td></tr>
</table>

9	Nearest village ar town	Ganikoppa village 0.56 km towards SE from project site
10	Taluk	Bailahongal 21.30 km towards west from the project site
11	District	Belgaum 12 km towards west of the project site
12	Water bodies	4.97 km towards east from project site.

CHAPTER 2
INTRODUCTION OF THE PROJECT AND BACKGROUND INFORMATION

2.1 Identification of the Project

Angadi Sugars & Power Ltd. (ASPL) is an integrated sugar, Co-generation power plant and distillery. The proposed project is based on the present and future scenarios of the Ethanol, ENA, sugar and captive power requirement. The current policies of Government of India are conducive and backed by favourable regulatory framework for manufacture of fuel ethanol, as well as support for private investment in such project.

The project site is at Survey No.81/1, 81/7,81/8,81/3 81/4+5,82/2,82/3,82/6,82/10,82/13,82/4 Ganikoppa village, Bailahongal Taluk, Belgaum District in Karnataka state. The location of the plant is selected based on the availability of sugarcane, water, connectivity for transportation of raw material and finished products.

The bankers are also supporting the project by financing with the required loan.

2.2 Project Proponent

ASPL is promoted by the following Directors. They are well qualified & have experience in running the industry.

- Dr. Spoorthi Suresh Angadi, Chair Person
- Ms. Shradha Suresh Angadi, Managing Director
- Ms. Mangal Suresh Angadi, Director
- Mr. Sankalpa J Shettar, Director
- Dr. Rahul Patil, Director
- Shri. Srikanth Kadakol, Director

The promoters also have acknowledged in depth, the socio-economic and environmental value addition of the captioned project to the local people, region, State and the Country, as well as its win-win situation to all the stakeholders involved.

2.3 Brief Description of nature of the Project

The objective of the proposed project is ;

- Establishment of sugar plant of 5000 TCD and Cogeneration unit 25 MW.
- To establish a new distillery unit of capacity 200 KLPD and to produce ethanol in the following configuration;

  - 200 KLPD Ethanol using sugarcane juice/ syrup
    Or
  - 142 KLPD Ethanol using B-heavy molasses
    Or
  - 60 KLPD ENA

The activity is covered under 'A' Category, Sl. No 5 (j), 5(g) & 1(d) in schedule to EIA Notification 2006 the project will be appraised by MoEF & CC.

2.4 Need for the Project and Its Importance to the Country or Region

Sugar is a labour-intensive industry, up the entire value-chain from cane-growing to sugar and alcohol production. Across several states in the county, it is the main source of employment. It is source of livelihood farmers and their families and provides direct employment skilled and also to semi-skilled laborers in sugar mills and allied industries across the nation.

The various by-products of sugar industry also contribute to the economic growth and promote a number of allied industries. Sugarcane has emerged as a multi-product crop used as a basic raw material for the production of sugar, ethanol, paper, electricity and besides a cogeneration of ancillary product. Molasses from sugar cane is used for alcohol production and livestock feeding since it is highly nutritious.

In India, ethanol is produced from sugarcane molasses and grains. Ethanol blended fuel can help in reducing emission form vehicles, reduce CO_2 and petroleum crude imports. The Government of India is encouraging the distilleries to produce more Ethanol to achieve the target and is planned to achieve 20 % blending of ethanol with petrol by 2025.

Apart from this bagasse obtained from sugarcane crushing will be used as fuel. Angadi Sugars and Power Ltd aspires to be part of national program to meet the Ethanol production target. The support price for ethanol is added advantage for the industry to sustain. Ethanol procurement from direct juice is Rs 62.65/ ltr., B-heavy molasses Rs. 57.61 /ltr. & C- heavy molasses Rs.45.69/ltr. have given a major boost for maximizing Ethanol production by Sugar Factories & helping the ambitious Ethanol Blending Program of achieving the target as indicated earlier.

Further. the Government of India, through the Ministry of Consumer Affairs, Food & Public Distribution, has provided interest subvention scheme, whereby the interest for first five years (including one year moratorium) up to 50% or maximum 6% will be paid by the Central Government to the financial institution/ bank.

As the proposed project is based on raw material from agriculture the people around the project will be encouraged to grow sugarcane

2.5 Demand-supply gap

Sugar is one of the main requirements in Indian food. Its demand for making sweets and other uses are increasing day by day. Sugar cane being a seasonal crop and its production is directly depending on the irrigation potential, rainfall etc., also by and large alternate years Karnataka is experiencing short fall in sugar cane production, thereby the demand for sugar gets affected. Therefore, it is required to capitalize on the sugar cane boom season and to produce sugar for the lean seasons.

Currently petrol with 10% ethanol blend (E10) is being retailed by various Oil Marketing Companies (OMCs) in India, wherever it is available. However, as sufficient quantity of ethanol is not available, only around 50% of petrol sold is E10 blended, while remaining is unblended petrol (E0). The current level of average ethanol blending in the country was 5% during the supply Year 2019-20. Due to several interventions in the supply side of ethanol, the Ministry of Petroleum aims to achieve further 10% ethanol blending levels in the Ethanol Supply Year by 2023.

2.6 Imports Vs. Indigenous production

India is well versed in sugar and distillery technology; India is competent in production of the RS/ENA/Ethanol for the Indian market. Hence Indigenously developed technology is adopted.

2.7 Export Possibility , Domestic/Export Markets

In the present project export of sugar & RS/ENA/Ethanol are not envisaged.

2.8 Employment Generation (Direct and Indirect) is in Table 2.1

Table 2.1 Manpower requirements

Manpower Details	**Sugar Industry Cogen Industry**	**Distillery**
Construction phase		
Permanent	15	
Contract	50	
Operation phase		
Permanent	70	65
Contract	75	25
Grand Total	220	80

CHAPTER 3
PROJECT DESCRIPTION

3.1. Type of Project Including Interlinked and Interdependent Projects, If Any.

The byproducts and sugar syrup produced in the sugar plant of Angadi Sugars and Power Limited is used in distillery for Ethanol production. Bagasse from sugarcane crushing and concentrated raw spent wash from distillery is used as fuel to fire the boilers. Press mud and ETP sludge are utilized in composting process.

3.2 Location of the Project (Map Showing General Location, Specific Location, Project Boundary and Project Site Layout with Coordinates)

Location of the project and other salient features are in Table 3.1.

Table 3.1 Location of the project

Sl. No.	Particulars	Information
1	Location	M/s.Angadi Sugars and Power Ltd, Survey No.81/1, 81/7,81/8, 81/3 ,81/4+5,82/2,82/3,82/6,82/10,82/13,82/4 Ganikoppa village, Bailahongal Taluk, Belgaum District in Karnataka state.
2	Total land Area	68.24 Acres or 27.62 Hectares
3	Nearest highway	NH 48 (Bengaluru-Mumbai Highway) is at a distance of 4.5 km towards south from the project site
4	Nearest Railway station	Belgavi Railway Station – 14.35 km, towards West from the project site
5	Nearest Airport	Belagavi Airport- 5.2 km, north West
6	Settlements	Ganikoppa village 0.5 km towards SE Chandan Hosur-1.45 km towards west Marikatti village -1.89 km towards east
7	Water bodies	First and second order storm drains passes in the periphery of the project site from north towards south. A portion of the stream exists within the project premises Tigadi dam- 4.79 km towards east
8	Ecological Sensitive Area	There are no ecological sensitive areas within 10 km radius
9	Nearest town	Belgavi -12 km towards west
10	District Head Quarters	Belgaum – 53 km, South West
11	Source of water supply	Tigadi dam- 4.79 km towards east
12	Topography of the site	Site is undulating at certain places. It is sloping towards South. The level difference from the lowest to highest point of the site is almost 35 m to 40 m. At places there are scattered boulders.

3.3 Map Showing General Location, Specific Location, Project Boundary

Map showing the general location, specific location and project boundary is in Fig 3.1

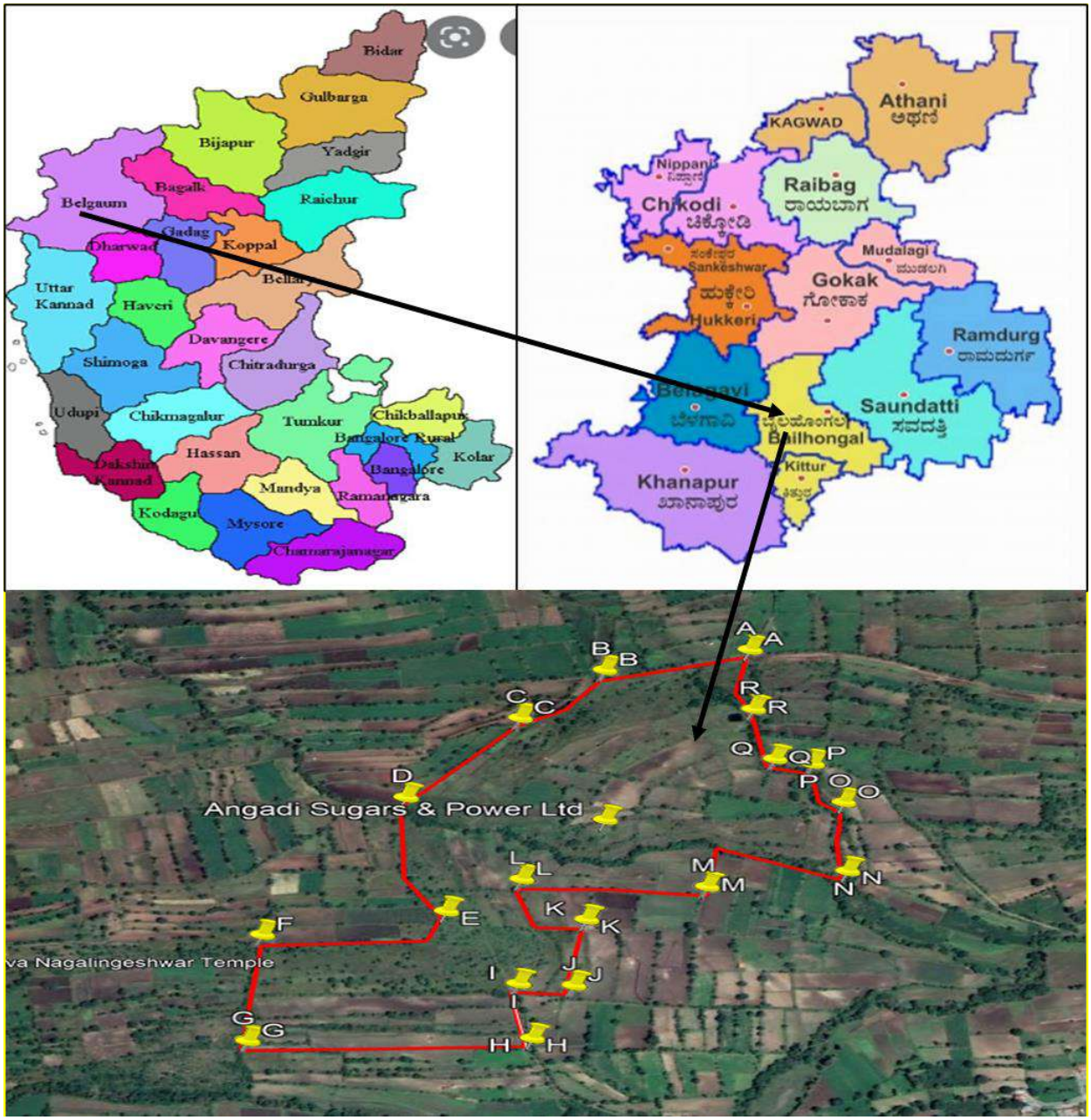


Figure 3.1 project site location with respect to state and district

3.4: Project Site Layout with Coordinates

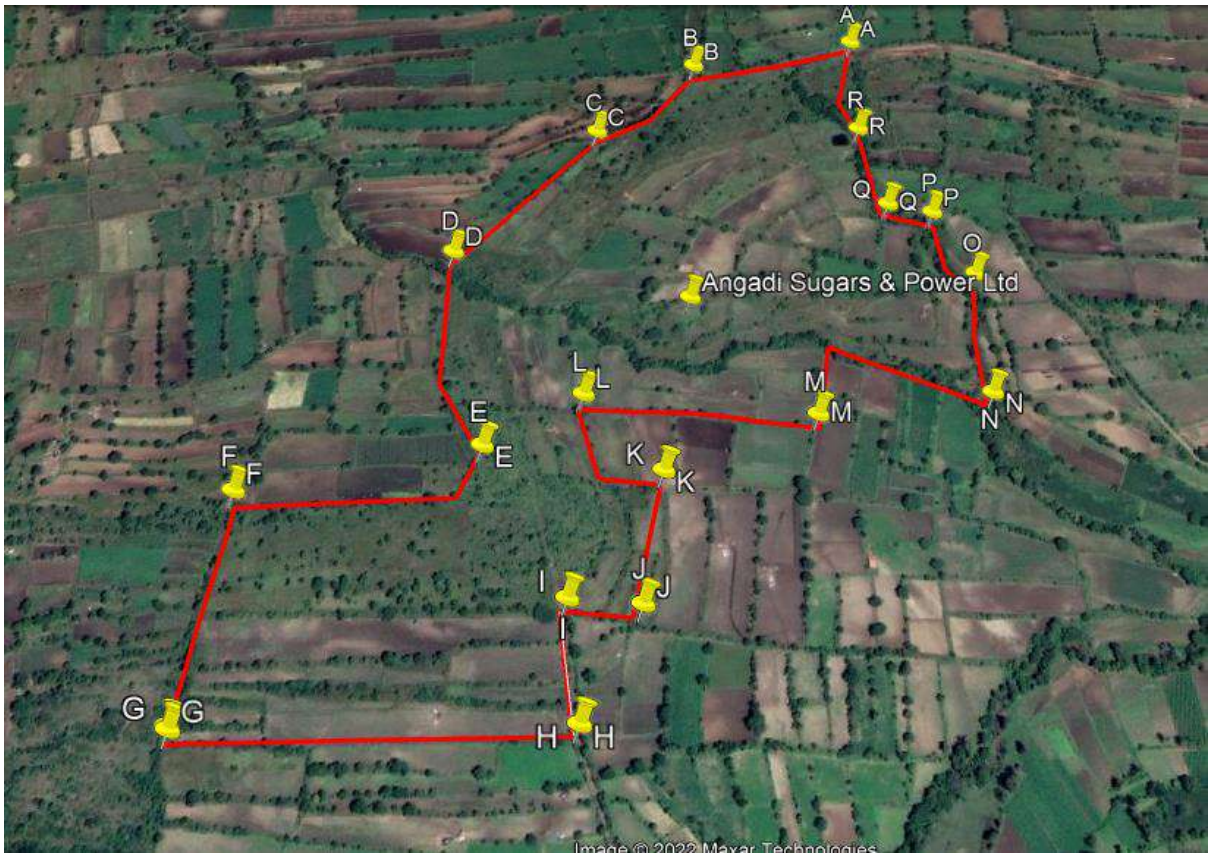


Figure 3.2: Project Site Layout with Coordinates

The coordinates of the project are in Table 3.2:

Table 3.2 Co-ordinates of the project site

Description	Latitude	Longitude
A	15°49'28.52"N	74°38'33.53"E
B	15°49'27.04"N	74°38'27.62"E
C	15°49'23.75"N	74°38'24.20"E
D	15°49'18.34"N	74°38'19.60"E
E	15°49'10.63"N	74°38'21.33"E
F	15°49'9.06"N	74°38'13.97"E
G	15°49'2.02"N	74°38'13.28"E
H	15°49'2.11"N	74°38'24.74"E
I	15°49'5.79"N	74°38'24.20"E
J	15°49'5.66"N	74°38'26.41"E
K	15°49'10.09"N	74°38'26.91"E
L	15°49'12.82"N	74°38'24.28"E
M	15°49'12.34"N	74°38'31.78"E
N	15°49'13.42"N	74°38'37.53"E
O	15°49'18.14"N	74°38'37.38"E
P	15°49'20.78"N	74°38'36.10"E
Q	15°49'21.10"N	74°38'34.56"E
R	15°49'24.51"N	74°38'33.68"E





Photograph 3.1 project site photos

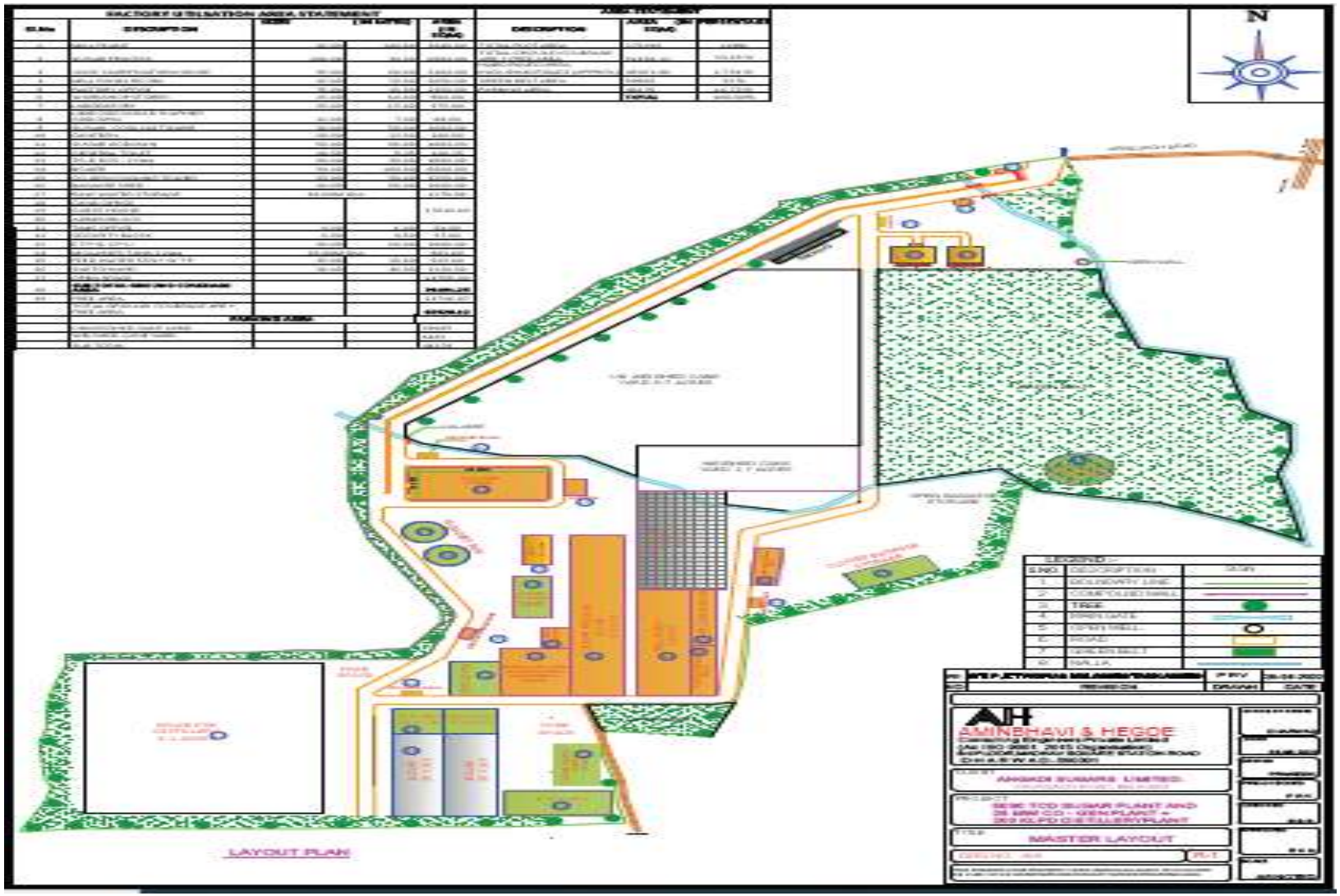


Figure 3.3 Layout of the plant

3.5 Topo Map: Topo map covering 10 km radius around project site is in Figure 3.4

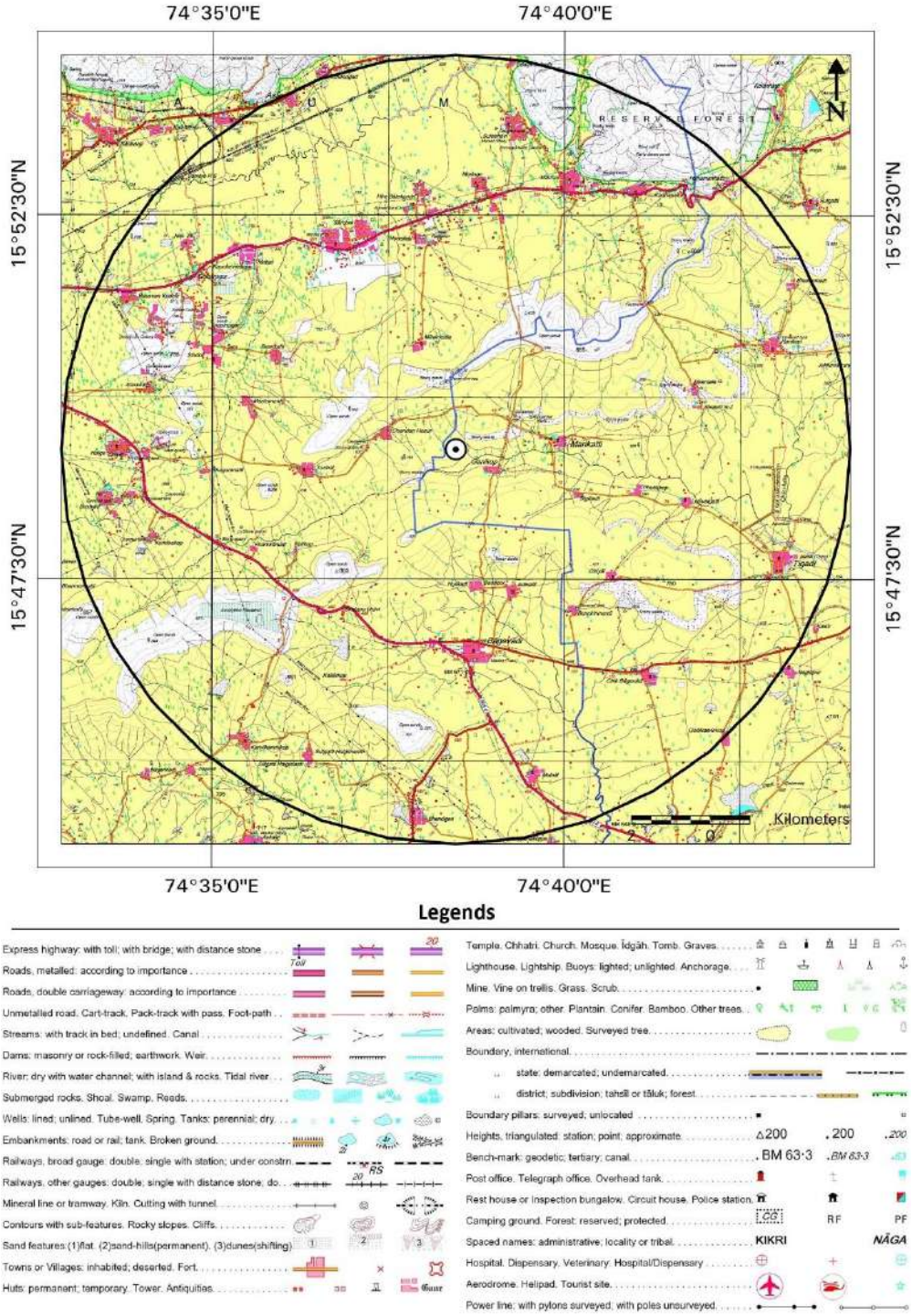


Figure 3.4: Topo map of the plant 10 km radius

3.6 Details Of Alternative Sites Considered

The proposed project site is selected based considering the following criteria:
1. Availability of Land and its Cost
2. Raw Material Availability
3. Connectivity of Road
4. Raw Material availability
5. Transportation Cost
6. Accessibility to Markets
6: water availability

As the proposed site meets the above criteria hence no other alternate site is explored.

3.7 Magnitude Of Operation

Magnitude of operation is given in Table 2.2

3.8 Process Description

3.8.1 Sugar manufacturing:

Sugar cane is the main raw material. The details of the process in brief is as under;

- WEIGHING: Sugar Cane received at gate is verified for its status & weighed at weighing bridge and the details of former is noted. Weighed cane is sent for cane unloading at feeder table.

- PREPARATION OF CANE: cane is dumped on cane feeding table with help of cane unloaders, cane prepared through Cane kicker, cane leveled and cane chopper and prepared cane feed in to mill.

- MILL: Prepared cane feed in to mill to extract juice for extracting more juice from the cane we are adding water of temperature 70-75 deg C these juice collecting in a tank called mixed juice tank and then it is pumped to boiling house for further processing.

- BOILING HOUSE: In boiling house mixed juice is heated in juice heater and maintains the temperature of 70-75 Deg C then this heated mixed juice taken in reaction tank.

- REACTION TANK: In juice reaction tank juice is treated by adding Milk of lime and maintain the pH 7

- TREATED JUICE HEATER: Treated juice again heated up to 101-103^0 C then sent in to clarified

- CLARIFIER: In clarifier treated juice is separated in two parts i.e. clear juice and muddy juice

- ROTARY VACUUM FILTER: Muddy juice is taken in to RVF in RVF separating the press mud and clear filtrate juice, Press mud sent out and clear filtrate is taken into juice reaction tank to maintain the pH of the same.

- CLEAR JUICE HEATER: Clear juice taken in to heater and maintain the temperature at 108-110^0 C and then sent in to evaporators

- EVAPORATOR: In evaporator clear juice is Concentrated at 55-60 Bx it is called syrup

- PAN SECTION: In pan section we are adopted 3 massecuite boiling system i.e. A massecuite, B Massecuite & C Massecuite.

- A MASSECUITE BOILING: In this boiling feeding material is Dry Seed + Melt + Syrup taken + A Light

- B MASSECUITE BOILING: in this boiling feeding material is A Heavy

- C MASSECUITE BOILING: In this boilin8 feeding material is B Heavy + C light

- CRYSTALLIZERS: A,B & C Massecuites are dropped in respective crystallizers and same is pumped in to centrifugal section for curing

- CENTRIFUGAL SECTION: We are having 02 types of centrifugal machines i.e. Batch type and Continuous type machines

- BATCH TYPE MACHINES: In batch type centrifugal machine A Massecuite curing is done during curing white Sugar, A heavy & A light molasses are separated these molasses used for further boiling and white sugar is sent for bagging after bagging it is sent to sugar godown.

Required Sugar syrup/juice for distillery will be tapped after the evaporation of the juice and resto of the juice will be processed to get the crystal sugar.

The process flow chart is given in Figure 3.5

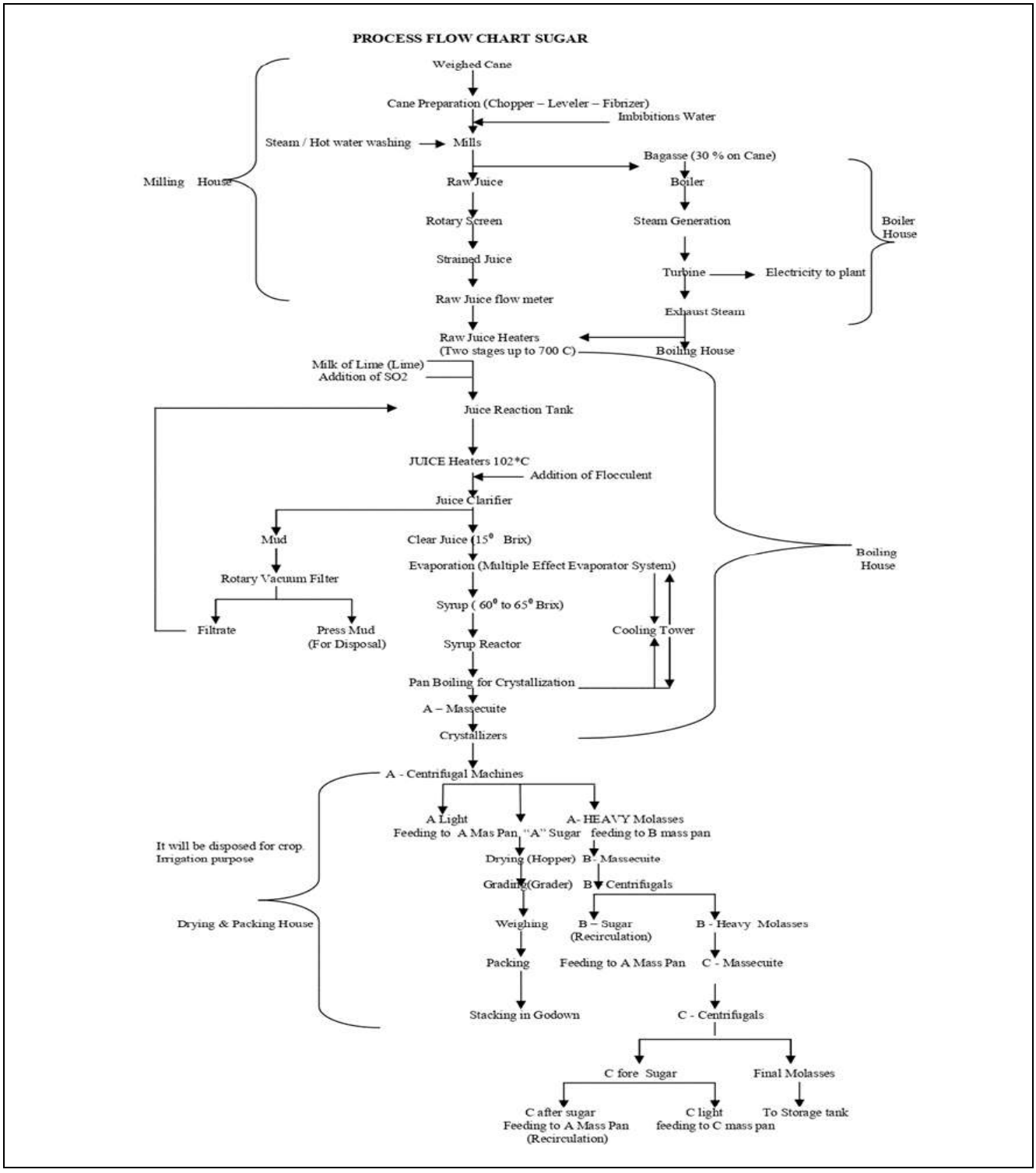


Figure 3.5 Sugar manufacturing process

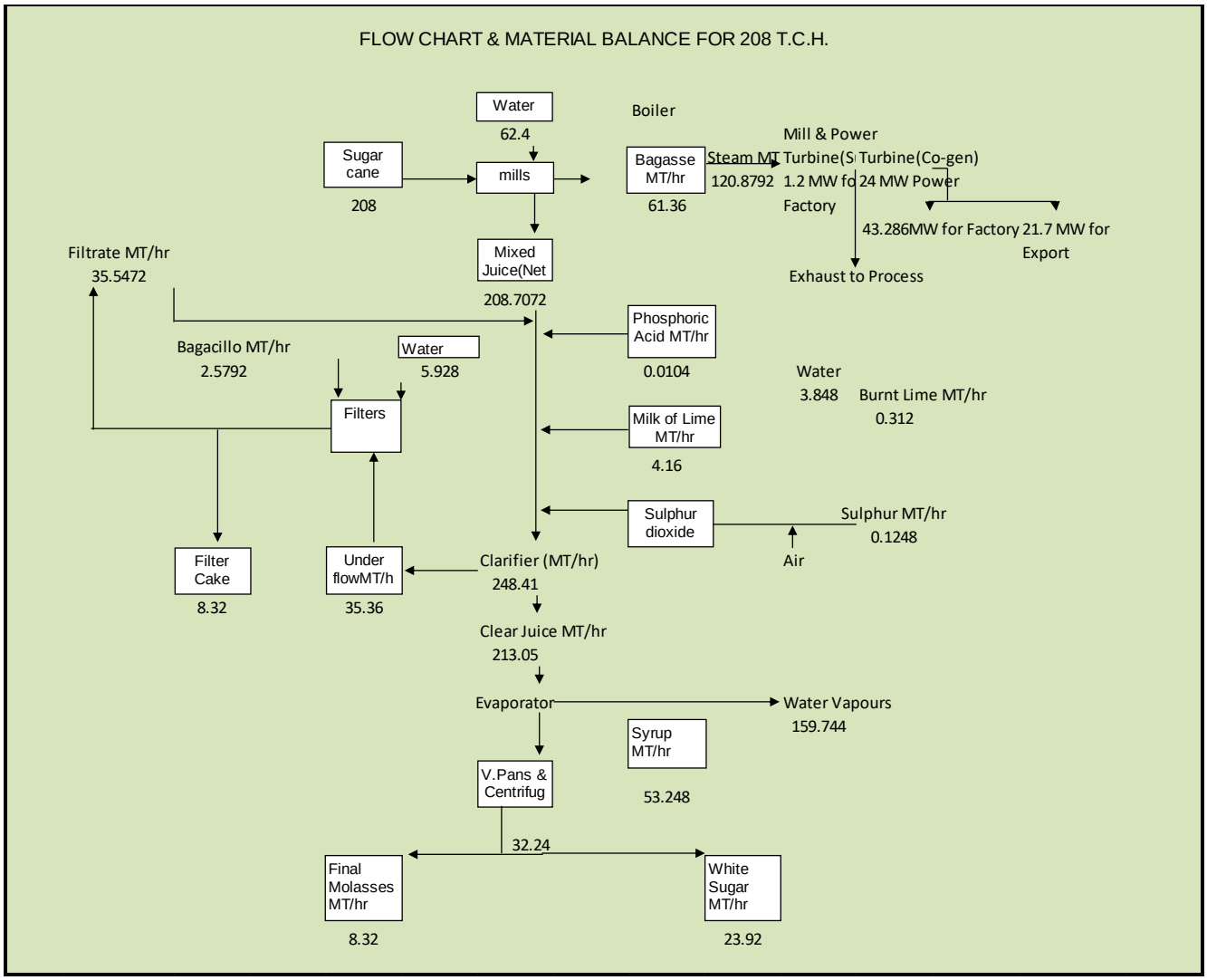


Figure 3.6 Material Balance of 5000 TCD sugarcane crushing capacity

Distillery process:

The main process involved in manufacture of Ethanol from sugarcane syrup/sugarcane juice /molasses are as mainly fermentation and distillation the details are as under;

Fermentation is based on FED BATCH process. The different stages of fermentation are;

A) Sugarcane syrup/juice/Molasses preparation and fermentation
- Syrup /Juice / molasses handling and distribution
- Yeast propagation
- Pre-fermentation
- Fermentation
- Carbon Di Oxide recovery

B) Distillation (fermented wash to Rectified Spirit, Ethanol)
- Analyser Column
- Degasifying Column

- Pre-Rectifier Column
- Rectifier cum Exhaust Column
- Recovery /Evaporator Column
- Molecular Sieve Dehydration System

3.8.2 Process description is as under;

(A) FERMENTATION SECTION

Molasses/ sugarcane syrup/juice handling and distribution –
The main raw material B-Heavy/sugarcane syrup/juice from Day Storage is transferred to Receiving Tank. In case of sugar syrup, the syrup produced during the process of manufacture of sugar is tapped after sugarcane milling, juice extraction and heating. The tapped sugar juice is inoculated with yeast for yeast activation.

Yeast Propagation –
Culture Yeast is grown in laboratory during plant start-up.

Pre-Fermentation-
Dilute molasses media/sugarcane juice/syrup is prepared in Yeast Vessel as a media for yeast cell propagation. Temperature is maintained by recirculation of cooling water through jacket of yeast vessels. Propagated cell mass from yeast vessel is transferred to yeast activation vessel to build up cell mass required for fermentation by cell mass transfer Pump.

Fermentation –
The Fermentation process is engineered to operate in '*Fed-Batch Mode*'. The purpose of fermentation is to convert the fermentable Sugars into alcohol. During Fermentation, Sugars are broken down into Alcohol and Carbon-Di-Oxide.

Carbon Di Oxide Generation & Recovery-
During the fermentation CO_2 will be released. CO_2 bottling plant is proposed for processing of liquefied CO_2 and used for commercial purpose.

(B) DISTILLATION PROCESS

Multi Pressure Vacuum Distillation
Post fermentation, the next stage in the manufacture of alcohol is to separate alcohol from fermented wash and to concentrate it to 95 % alcohol called as Rectified Spirit.

Multi-pressure distillation system for production of Rectified Spirit and ENA consists of distillation columns namely –

- Analyser column
- pre-reactor column
- Extraction column (Purifier column)
- Rectification Column
- Refining Column
- Fusel Oil column

BENEFITS OF MULTI-PRESSURE DISTILLATION:

- Since the analyser column operates under vacuum, the formation of by-products such as acetaldehyde, acetic acid, acetyls minimized there by improving quality of alcohol

- Pre-rectification column ensures removal of sulphur compounds/mercaptans and also reduces load of lower boiling volatile compounds passing on to Rectifier cum exhaust column
- The chances of scaling due to invert solubility of certain precipitating inorganic salts are minimized in vacuum distillation
- Vacuum distillation requires low steam consumption with re-boiler

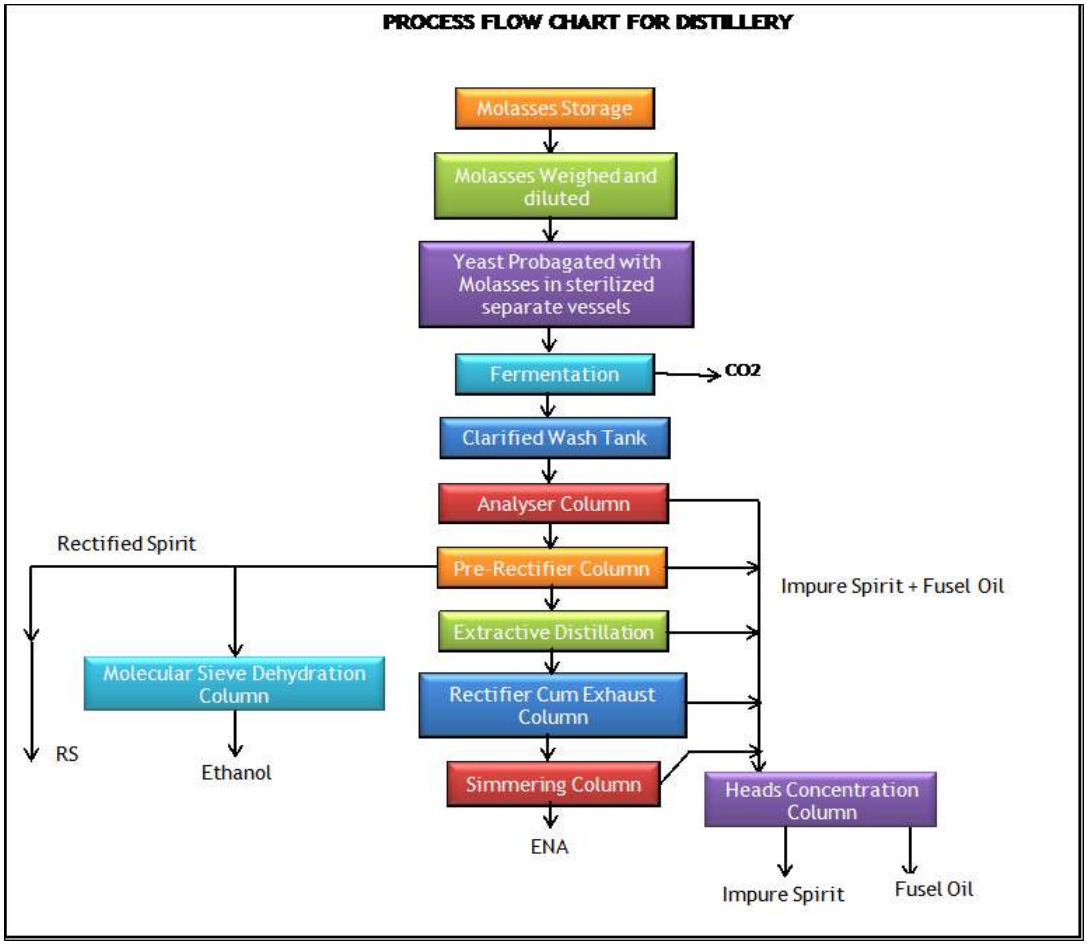


Figure 3.7 Process Flow Chart for Molasses based Distillery

3.8.3 Manufacturing Process for Anhydrous (Fuel-Ethanol) Alcohol:

Dehydration with Molecular Sieve Process is to increase the alcohol content in the spirit to 99.8 to 99.9%. Molecular sieves are synthetic adsorbents and are developed for vapor phase ethanol dehydration.

The water vapor molecules are having strong dipoles and elasticity. They are drawn into the pores and condensed at the wall of the pores. Ethanol vapor bigger in size passes through the bed without getting into the pores of the molecular sieves. While passing through the molecular sieve bed water is absorbed and absolute alcohol vapour at 99.8 – 99.9 % v/v is removed, which is then condensed and cooled in sent to respective receivers and storage tank as Ethanol.

3.9 Raw Material & Fuel Requirement

3.9.1 Raw material requirement for sugar process

Table 3.3 Details of the raw material for the sugar plant

Sl. No.	Name	5000 TCD Crushing capacity
		kg/m
	Sugarcane	150000
	Chemical	**kg/m**
1	Lime	**150250**
2	Sulphur	35925
3	Antiscalent	1594
4	Flocculent	389
5	Polmax ESR/Allied	217
6	Qurternary Biocide-Bactriwinquat	852
7	Mill Sanitation	**1069**
8	Alezine	178
9	Phosphoric Acid - Food Grade	796
14	Colour Precipitant	2175
15	Coagulant	68.5
16	pH booster	960

3.9.2 The raw materials required for distillery process, source of procurement and transportation mode is given in Table 3.4 below.

Table 3.4 Raw material details for distillery

Sl. No.	Raw Materials	Proposed 200 KLPD plant	Source	Mode of transport
1	B Heavy Molasses TPD	475	From adjacent parent sugar plant	By pipeline
2	Sugar Syrup, TPD during season	660		
3	Sulphuric acid, LPD	44	Local	HDPE sealed Barrels
4	Defoamer, TPM	7.5	Belagavi	HDPE sealed Barrels
5	DAP (Di-ammonium phosphate) TPM	2.8	Local	HDPE Bags
6	Urea, TPM	3	Local	HDPE Bags
7	Dry Yeast kg/d	18	Belagavi	Plastic containers

3.9.3 Requirement of Fuel, Its Source and Mode of Transportation

The steam supply for industrial operation will be met through 80 TPH boiler for sugar and cogen plant and 80 TPH incineration boiler for distillery plant operations.

The fuel used is concentrated spent wash and bagasse/coal at the rate of 70:30 respectively. 1000 kVA DG set will be installed as a backup.

800 kVA DG set will be proposed as backup for distillery plant. The scenario of requirement of fuel is shown in Table 3.5 below.

Table 3.5 Types of fuel & mode of transportation

Sl. No.	Capacity of boiler	Fuel	Fuel qty. In TPD	Transportation
	Sugar plant and cogeneration unit			
1	Sugar plant boiler 80 TPH	Bagasse	960	• Bagasse will be supplied through conveyor belt
3	Incineration Boiler cap.80 TPH	Conc. Spent Wash & Bagasse/ Coal (70:30)	672 288	• Direct feeding through pipeline • Bagasse will be supplied through conveyor belt
4	DG set 1000 kVA	HSD	182 lph (100 % load)	Through road
5	DG set 800 kVA	HSD	145 lph (100 % load)	Through road

3.10 Resource Optimization/Recycling Envisaged In The Project

M/s. Angadi Sugars and Power Limited is an integrated sugar, cogeneration and distillery plant. There is a synergy in the system, i.e., the by-products bagasse and molasses from sugar plant are the raw material for the distillery. Bagasse is used as fuel in boiler. The concentrated spent wash and bagasse is used as fuel in incineration boiler.

Sugar plant is meeting its water requirement for various process operations from the condensate generated in the process of sugar making. Fresh water is used only for the boiler as it requires the fresh demineralized water. The CPU excess condensate is used for cooling tower and also it supplements the process requirement.

The distillery requires water for dilution of molasses for fermentation, dilution in re-distillation and purification of alcohol, scrubbing of alcohol vapours, cooling tower makeup, washing and sterilization of fermenters, boiler feed water makeup, pump and compressor sealing etc., The water consumption in the distillery is minimized by adoption of various conservation measures like Recycle, Reuse and Reduce as mentioned below.

- Technology improvement such as multi pressure distillation, use of re-boilers in distillation columns, is inbuilt in the process system. Use of spent wash for dilution of molasses/sugar syrup, evaporation and concentration of spent wash and burning it in boiler as fuel. Thus, the spent wash management of ZLD is achieved and excess steam is used to generate power
- Spent wash is concentrated and incinerated in boiler to produce steam for the distillery and also produce the captive power.

- The condensate from MEE, spent leese, DM plant reject, boiler blow down and cooling tower bleed are treated in CPU and reused for cooling tower make up, molasses dilution and washing. Thus, distillery will work on the principle of zero liquid discharge (ZLD).
- The ash from the incineration is having high potash content it will be used for soil conditioning.

3.11 Availability of Water Its Source, Energy/Power Requirement and Source

- Water withdrawal permission to draw 3500 KLD of water from Tigadi dam which is at a distance of 4.79 km towards east from the project site will be obtained from irrigation department, Belgavi.

- **Total freshwater requirement for 5000 TCD sugar plant and 25 MW cogeneration plant.**

Fresh water requirement of sugar plant and cogeneration is in Table 3.6. The fresh water requirement for the distillery is in Table 3.7.

Table 3.6 Fresh water sugar plant

Sl no.	particulars	KLD
1 Fresh Water		
1A	**Source: fresh water from river**	2000
	Usage: Co-gen cooling tower makeup	1400
	To DM plant/RO plant to prepare boiler feed water	250
	For RO DM plant regeneration	50
	RO plant reject	150
	Domestic	50
	Process	50
	Lab washings	50
	Total	**2000**
2	**Water coming into the process through different sources in KLD**	
2A	Harvested cane having 2% trash & 70% moisture	3425
2B	Exhaust steam to process	875
2C	Evaporator condensate generated in the evaporator	1850
2D	Juice heater condensate	600
2E	Condensate produced in PAN boiling	1250
	Total	**8000**

- The total water requirement is calculated based on 2 m^3 per ton of cane crushing.

Table 3.7 Fresh water use for the 200 KLD distillery unit process

Sl. No.	Description	Fresh water requirement for process in KLD	KL/KL of Ethanol	Total Fresh water requirement in KLD	KL/KL of Ethanol
1	B-heavy molasses as feed stock	600	**3.0**	**1256**	**6.28**
2	Sugarcane syrup	542	**2.71**	**1123**	**5.61**

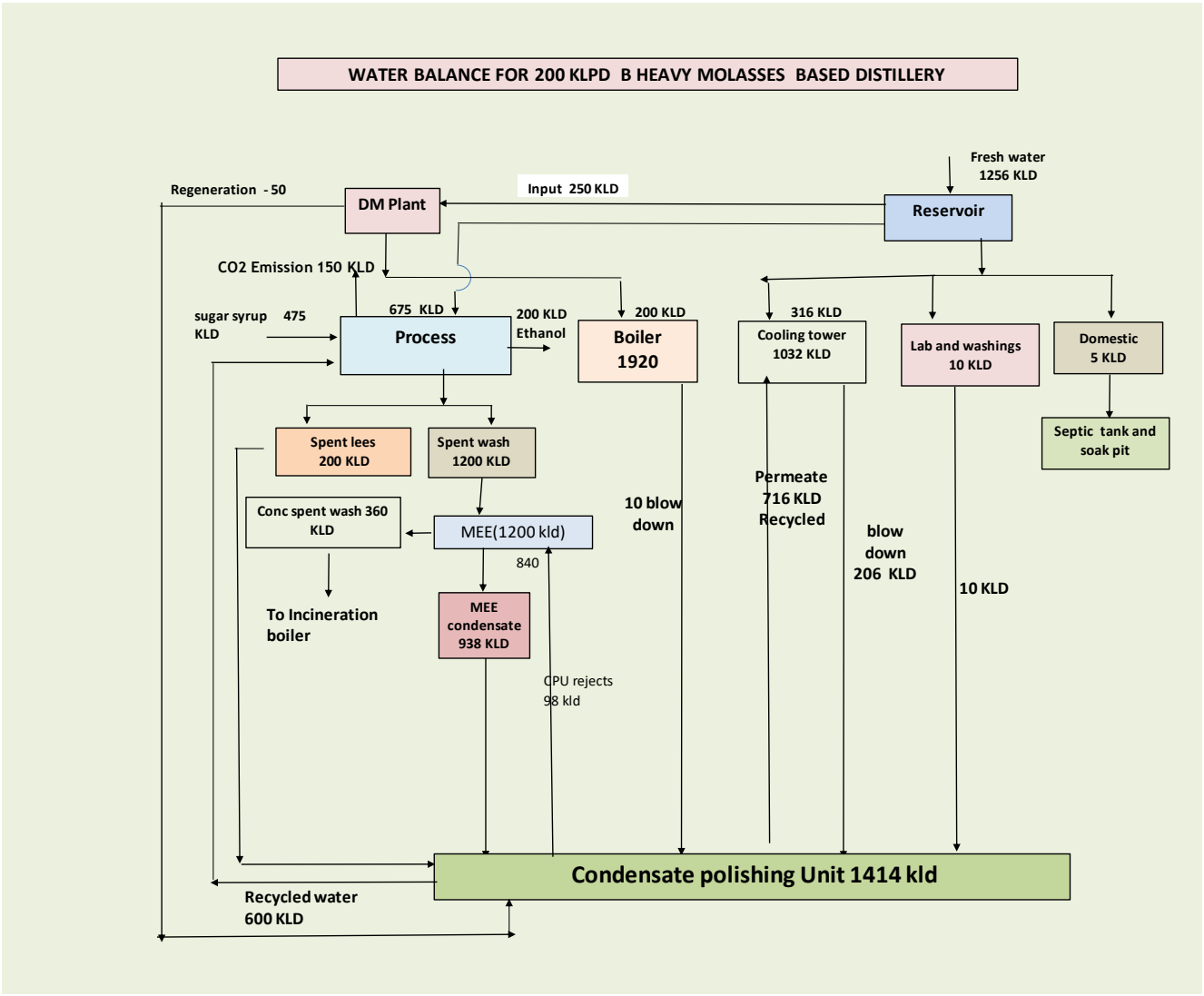


Figure 3.8 Material/water balance for 142 KLPD Ethanol using B Heavy Molasses as feed stock

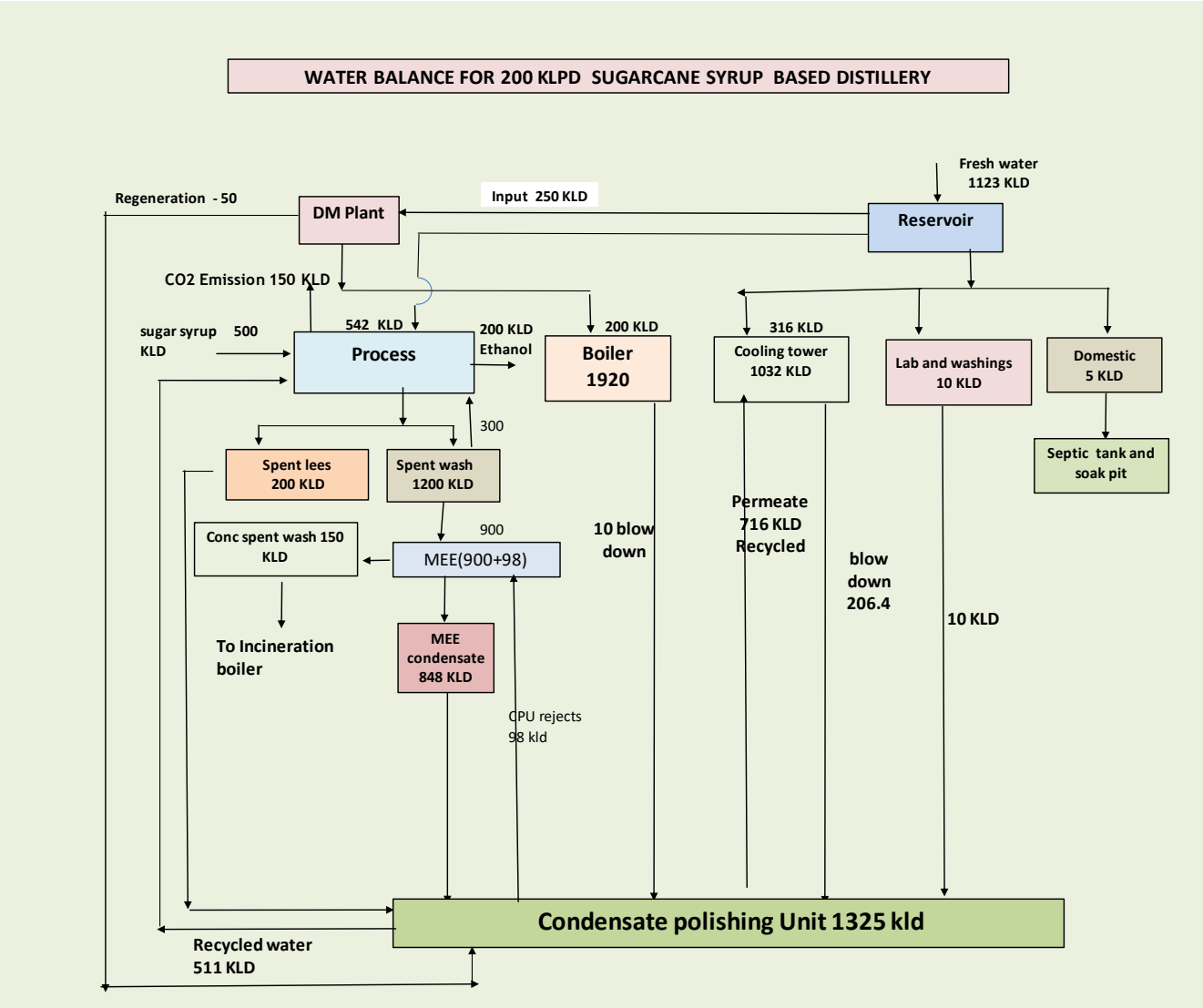


Figure 3.9 Material/water balance for 200 KLPD Ethanol using syrup as feed stock

3.12 Energy Requirement

A. Power requirement

Power requirement for the plant;

- During crushing season, it will generate 25 MW, 12.28 MW is utilized for operation of industry and surplus 12.72 MW will be exported.
- During off season it will generate 25 MW,
- 8.72 will be utilized for industrial operations & surplus will be exported 16.28 MW.

3.13 Quantity of wastes to be generated (liquid and solid) and Scheme for their Management/disposal

3.13.1 Sugar & Co-gen plant

Table 3.8 Effluent generation and treatment method in sugar plant

Sl No	Particulars	Quantity of effluent in KLD
1	Sugar industry effluent	1000
2	Cooling tower blow down (Co-Gen)	1056
3	Boiler Blow down	116
4	DM plant regeneration effluent	200

3.13.2 Distillery plant

Table 3.9 Effluent generation and treatment method in Distillery plant

Sl. No.	Particulars	Waste water generation in KLD		Remarks
		B Heavy Molasses 142 KLD	Syrup 200 KLD	
1	Raw Spent wash	1200	900	Concentrated spent wash is incinerated in 45 TPH boiler
2	Concentrated spent wash	360	150	
3	Spent lees	240	200	Treated in CPU and recycled. Recycled for molasses dilution/cooling tower make up, Ash quenching and dust suppression
4	Condensate from MEE	840	848	
5	Boiler blow-down	10	10	
6	DM plant reject	25	25	
7	Cooling tower bleed	206.4	206.4	

3.13.3 Domestic sewage

Sewage of 50 KLD from sugar plant and 5 KLD from distillery will be treated in septic tank and soak pit and overflow will be diverted to sugar plant CPU or distillery CPU**.**

3.13.4 Solid Waste Generation and disposal

Table 3.10 Solid waste quantity generation and management from sugar & distillery

Sl. No.	Details of the solid waste	Quantity in MT/day	Mode of Collection	Mode of Disposal
	Sugar plant			
1	Bagasse	1500	Collected in Bagasse	Used as a boiler fuel.

			yard	
2	Boiler Ash @ 6.5kg/t of fuel	7.0	Collected in silos	Sold to brick manufacturers
3	ETP Sludge	0.5	collected and used for green belt	Used in green belt
4	Press mud	200	collected in press mud storage yard	Given to farmers to use it as manure.
	Distillery			
1	Incineration boiler ash@15 % ash in the fuel	144	Collected and stored on impervious surface	Given to farmers as manure which is Potash rich
2	ETP sludge	0.5	Sludge drying beds	collected and used for green belt
3	Yeast sludge @ 2.5 % of fermented wash	18	MECHANICAL CONVEYOR	Given to farmers to use it as biomanure

3.14 Air Environment and Management

The details of the APC measures are in the Table 3.11;

Table 3.11 Sources of proposed Air pollution and Air Pollution control measure

Sl. No.	Source of air pollution	Fuel	Consumption TPD	Chimney height (M) AGL	APC equipment proposed
1	Proposed Boiler for sugar and cogeneration 80 TPH	Bagasse	960	60	ESP
2	Proposed incineration Boiler 80 TPH	Spent wash +Bagasse/ coal	672 + 288	85	ESP
2	DG Set - 1000 kVA – 1 No.	HSD	182 LPH	30 m ARL	Acoustic Enclosure
3	DG set- 800 kVA – 1 No.	HSD	145 LPH	16m AGL	Acoustic Enclosure

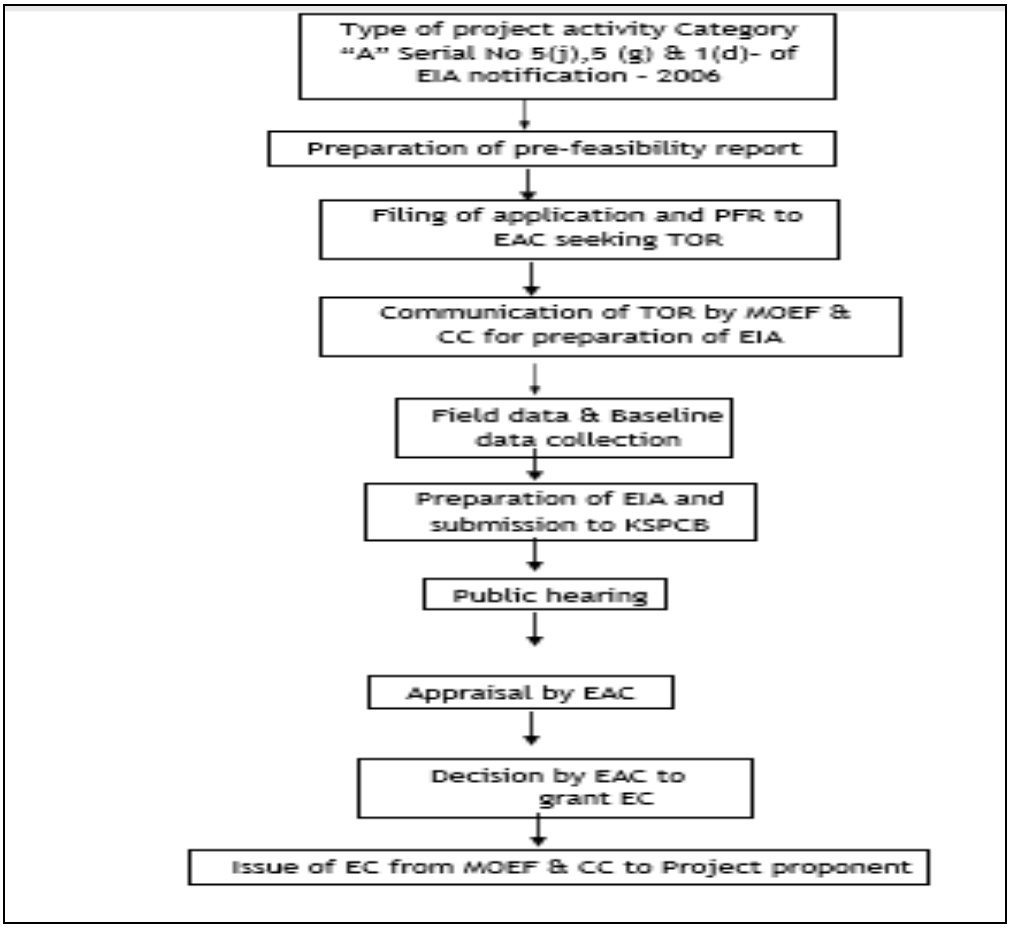
3.15 Hazardous waste generation and management

The hazardous waste generated are used oil and oil-soaked cotton waste.

Table 3.12 Hazardous waste management

Waste category	Hazardous waste	Quantity in KL/A	Method of handling
	Sugar plant		
5.1	Used Oil	2	Used oil is reused for lubrication purpose for factory machineries during the season
5.2	Oil soaked cotton waste	25 kg/A	Oil soaked cotton waste will be burnt in boiler
33.1	Barrels	30-50 No.s	To be stored in secured manner and disposed to KSPCB authorised recyclers
	Distillery plant		
5.1	Used oil	2	Stored in secure manner and handed over to authorized re-processors

3.16 Schematic Representation of the Feasibility Drawing Which Give Information of EIA Purpose



CHAPTER 4

SITE ANNALYSIS

4.1 Connectivity

The project site is well connected to major cities by Road and railway. The nearest Airport is Belgaum Airport which is located at a distance of about 5.2 km towards north west from the project site.

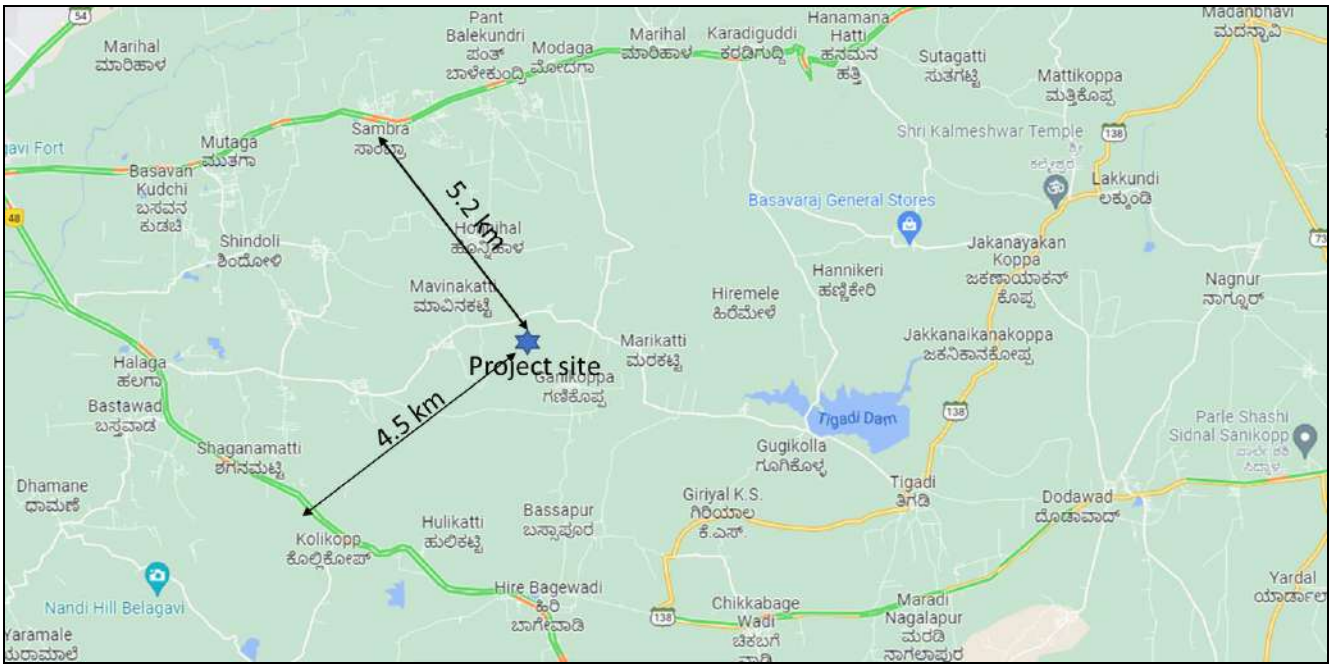


Figure 4.1 Connectivity around the project site

Table 4.1 Connectivity around the project site

Sl. No.	Particulars	Information
1	Nearest highway	NH-48 (Bengaluru-Mumbai Highway) is at a distance of 4.5 km towards south west
2	Nearest Railway station	Belgaum railway station is at a distance of 14.35 km towards west from the project site
3	Nearest Airport	Belgaum airport is at a distance of 5.2 km towards north west
4	Nearest town	Belgaum at a distance of 12 km towards west
5	District Head Quarters	Belgaum at a distance of 12 km towards west

Note: All distances mentioned are aerial distance

4.2 Land Form, Land Use and Land Ownership

The industrial land is surrounded by agricultural fields. Land is owned by Angadi Sugars Ltd. The main cultivation is sugar cane. The present land use is converted for industrial purpose by the Deputy Commissioner, Belgaum, Government of Karnataka for industrial purpose for 20 Acres 7 Guntha. For remaining 48.065 Acres application is under process. The Land breakup & land use details of the project site are given in Table 4.2;

Table 4.2: Land use pattern of the sugar, co-generation and distillery complex

Sl. No	Purpose of land utilization	Area covered sqm	Area covered in Hectares	% of total land
1	Ground coverage area + free area	92928.12	9.2928	33.65
2	Hard paved area including roads	49471.88	4.9718	17.91
3	Green belt area	90500	9.0550	33.00
4	Parking area	46170	4.6170	16.72
	Total	276220	27.6190	100

4.3 Topography, existing land use pattern, Shortest Distance from The Periphery of The Project to Periphery of The Forests, National Park, Wildlife Sanctuary, Eco Sensitive Areas, Water Bodies (Distance from The HFL of The River), CRZ. In Case of Notified Industrial Area, a Copy of the Gazette Notification Should be given.

Topo map is shown in Figure 3.3. The geographical coordinates of the project site are Latitude 15°49'16.90"N and Longitude 74°38'27.63"E at an elevation of 712 m above the mean sea level. Approximately 27% of the study area is covered forest area. Vegetation in the reserved forests composed of scrub forest type dominated by euphorbiaceous and other thorny species. Agriculture is the dominant land use around the project site in 10 km radius.

4.4 Existing infrastructure

The site is vacant land converted for industrial use there are no structures. Site is connected by village road and NH 48 is about 4 km from the site.

4.5 Soil Classification

By and large, black soil is predominant in the project area and surrounding 10 km.

4.6 Climatic data from secondary sources

The metrological data reflecting minimum, maximum temperature in ^{0}C, relative humidity in %, rainfall in mm and wind speed in kmph for the year 2021 is in Table 4.3

Table 4.3: Meteorological data of Belgaum for the year 2021

Month	MAX	MIN	MRF	RHI	RHII	WS
January	30.4	15.8	0.7	80	43	8.9
February	30.4	15.2	21.6	66	34	10.3
March	34.6	18.6	7	64	27	9
April	35.3	19.8	87.5	71	43	11.7
May	31.7	21.5	173.3	82	64	14.6
June	28.1	20.7	280.6	88	77	15.2
July	26.6	20.7	352.3	91	84	17.4
August	27.5	20.3	74	90	81	14.8
September	27.3	20.4	90.5	91	79	14.4
October	29.6	19.8	86	84	63	7.9
November	28.1	19.2	81.4	86	65	10.1
December	27.9	15.0	20.7	87	51	8.8

Source: IMD & worldweatheronline.com

Legend:
Max: Monthly mean maximum temperature in Deg. Celsius
Min: Monthly mean minimum temperature in Deg. Celsius
MRF: Monthly total rainfall in mm
RHI: Monthly mean relative humidity in % at 0830 hrs
RHII: Monthly mean relative humidity in % at 1730 hrs
WS: Avg wind speed in kmph

4.7 Social infrastructure available

Social infrastructure facilities such as schools, hospitals, community halls, markets, colleges and religious buildings are located with 10 Km radius from the site.

CHAPTER 5
PLANNING BRIEF

5.1 Planning concept (Types of industries, facilities, transportation etc. town & country planning/ development authority classification).

The site area is 68.2 acres out of this 20 acres is converted for industrial purpose by the Deputy commissioner of Belgaum. For remaining 48.2 acres application is made for conversion.

The main activity in 15 km radius from the industry is agriculture and one large scale industry M/s Roquette Riddhi Siddhi Ltd is at a distance of about 15 km towards west.

M/s Belgaum Sugars is about 17 km towards north. There is no other industrial activity in 15 km radius.

5.2 Population Projection

Man power required for the proposed project will be met from the local villages around the project site completely. The increase in number of employees is given in chapter 2, Table 2.1

5.3 Land use planning (breakup along with green belt etc)

The land use pattern is as shown in the Table. 4.2

5.4 Assessment of infrastructure demand (physical & social)

The existing infrastructure in the vicinity is adequate for the proposed activity. The road leading to the site from the main village road is to be developed by the industry.

5.5 Amenities/Facilities

Basic amenities/facilities such as road, power supply, communication, water supply, medical and health check-up of workers and staff of the facility will be provided with the necessary Personal Protective Equipment and periodical medical check-ups will be conducted.

For treatment of industrial effluent, ETP will be provided for the sugar plant effluent and the treated effluent to be used for experimental farming, for green belt and for irrigation on neighboring agricultural land with the consent of the land owners.

Distillery wilkl work on the principle of Zero Liquid Discharge.

For air pollution control ESP and chimney are proposed.

CHAPTER 6
PROPOSED INFRASTRUTURE

6.1 Industrial area (processing area)

Essential infrastructure such as factory building, cane office,storage facilities, Plant machinery, Bagasse storage area, sugar godown, raw water treatment plant, ETP, security shed, toilet etc will be provided. For Boiler, ESP as APC equipment, receiver tanks and bulk storage tanks will be provided for ethanol storage.

The distillery will be provided with effluent concentration and incineration facilities for the concentrated spent wash disposal. The lean effluent will be treated and reused. The distillery will work on the principle of ZLD.

The CO_2 bottling plant will be installed to recover the CO_2 emitted during fermentation process.

6.2 Residential area (Non- processing area)

A colony will be established for the officers and workers at later stage. In this present scope it is not included.

6.3 Green Belt

33% of total project area will be reserved for green development. Plants of the various species predominant in the district will be developed in the plant and peripheral areas.

6.4 Social Infrastructure

Schools, colleges, hospitals & healthcare centers, shops & bazaars, community centers, etc. are all available in nearby town Belgaum, 12 km away from project site.

6.5 Connectivity (traffic and transportation/road/rail/metro/water ways etc.,)

The site is well connected by road ways and railways. The site has access of telephone, internet and mobile connectivity. The Connectivity details are in Table 4.1

6.6 Drinking water management (source and supply of water)

Drinking water will be sourced from the Tigadi dam.

6.7 Sewerage Management

The domestic sewage generated from the industry will be treated in decentralised septic tanks and soak pits.

6.8 Industrial Waste

Detailed in chapter 3.

6.9 Solid Waste Management

Detailed in chapter 3.

6.10 Power requirement & supply/source

Detailed in chapter 3

CHAPTER 7
REHABILITATION & RESETTLEMENT PLAN(R&R)

7.1 Policy to adopted (central/state) in respect of the project affected person including home oustees, Land oustees and landless labour (a brief outline to be given).

Rehabilitation and Resettlement (R&R) Plan is not applicable since the company management has already acquired the land.

CHAPTER 8
PROJECT SCHEDULE & COST ESTIMATES

8.1 Likely date to start of construction and likely date of completion (Time schedule for the project to be given)

As soon as the EC is accorded, KSPCB will be approached to get CFE and take up the construction work. Tentative schedule of activity is in the Table 8.1.

Table 8.1: Schedule of Activity

Sl. No.	Activity	Estimated completion time
1	Online Application for TOR to MOEF & CC	July 2022
2	Baseline monitoring	October 2022- December 2022
3	Draft EIA submission to KSPCB	February 2023
4	Public Hearing	March 2023
5	Final EIA submission to MOEF & CC	May 2023
6	Probable time of EC approval	June 2023
7	CTE from KSPCB	July 2023
8	Civil & construction works	August 2023
9	Fabrication & erection	September 2023
10	Consent to Operate (CTO) from KSPCB	November 2023
11	Trial run	December 2023

8.2 Estimated project cost along with analysis on terms of Economic Viability of the Project

Table 8.1: Cost of the project

S.NO	DESCRIPTION	COST IN LAKHS
	COST	66740
1	Land and Land development	1334.8
2	Civil Architecture and construction	12013.2
3	Plant and Machineries	40044
4	Pre-Operative	2002.2
5	contingency	3337
6	Margine Money	2002.2
7	Financial and Other	6006.6
	Total	**66740**

CHAPTER 9
ANALYSIS OF PROPOSAL (FINAL RECOMMENDATIONS)

9.1 Financial and Social benefits with special emphases on the benefit to the local people including tribal population, if any, in the area.

With the implementation of proposed project, the socio-economic status of the local people will further improve substantially. As the industry is sugarcane dependent for raw material the area around the villagers around the plant site will encouraged to go for sugarcane cultivation. The village economy will be improve. The land rates in the area will improve in the nearby areas due to the proposed activity. Local people will be provided with employment opportunities both in skilled and unskilled works.

As the project will produce ethanol it will help in meeting 20% blending of ethanol with petrol to enable the GOI to meet the target. The air pollution from vehicles will be reduced by used of Ethanol blended petrol.

Financial Benefits:
Benefits and advantages of Distillery

- The efficiency and Commercial viability of Sugar Factories will improve.
- Farmers will get higher price for Sugar Cane.
- The land area for sugarcane cultivation will increase and also high yielding varieties of sugarcane plantation will be attempted through R & D activities
- It also helps in minimizing the demand supply gap of ethanol, by achieving the 20 % blending of ethanol with petrol by 2025.

Social Benefits:

- Greater employment for local populations
- Contributes to rural economic development

Other Benefits:

- Revenues to the State and Central exchequers.
- By production of ethanol and mixing with petrol reduces the usage of fossil fuel, thereby saving the foreign exchange.

National Accreditation Board
for Education and Training
(Member - International Accreditation Forum & Pacific Accreditation Cooperation)

July 21, 2022

QCI/NABET/EIA/ACO/22/2439

Samrakshan
Swastik Manandi Arcade, F-4, 1st Floor, S.C. Road
Sheshadripuram, (Opp. Police Station & above Planet Honda showroom)
Bangalore, Karnataka

Sub.: Extension of Validity of Accreditation till October 20, 2022– regarding
Ref.. Certificate no NABET/EIA/1922/IA0051

Dear Sir/Madam

This has reference to the accreditation of your organization under QCI-NABET EIA Scheme, the validity of Samrakshan is hereby extended till October 20, 2022 or completion of assessment process, whichever is earlier.

The above extension is subject to the submitted documents/required information with respect to your application and timely submission and closure of NC/Obs during the process of assessment.

You are requested not to use this letter after expiry of the above stated date.

With best regards.

(A K Jha)
Sr. Director, NABET

Government of Karnataka
(Revenue Department)

Sl. RB/LNA/SR(1)/101/13-14

Deputy Commissioner officer
Belagavi, Dated : 20-5-2014

Circular -5
Authenticated Circular

Subject:- Regarding Smt. Shradha S. Angadi, R/o: Belagavi, Application Dated 23-7-2013, submit application for purpose of converting the land from agriculture land to Non-Agricultural land (Sugar Factory) of R.S. No. 81/1 measuring 03 Acre 30 Guntha R.S. No. 81/7 measuring 01 Acre 38 Guntha R.S. No. 81/8 measuring 02 Acre 13 Guntha R.S. No. 81/3B measuring 02 Acre 38 Guntha R.S. No. 81/4+5 measuring 0 Acre R.S. No. 82/2 measuring 18 Guntha R.S. No. 82/3 measuring 01 Acre 10 Guntha R.S. No. 82/6 measuring 20 Guntha R.S. No. 82/10 measuring 20 Guntha R.S. No. 82/13 measuring 02 Acre and R.S. No. 82/4 measuring 01 Acre 20 Guntha measuring 19 Acre 36 Guntha out of total measuring 20 Acre 07 Guntha (except 11 Guntha A Kharab) situated at Ganikoppa Village. Bailhongal Taluka, Belagavi District.

Reference: 1) Tahashildar Bailhongal's Report No. LNA/SR-107/2013-14 dated: 17-9-2013.

3) Applicant has paid Land converting fees Rs. 4,33,440/- and Phodi fees Rs. 385/- total Rs. 4,33,825/-, by Challan No. 112 dated 30-12-2013 to the Treasury.

As per Karnataka Land Revenue Act 1964 Section 95 (2), 95 (4) and 95 (7) Conditions and under the below mentioned conditions, Karnataka Land Revenue (Amendment) Rules 1994, as per Rule 107 (1) Rs. 21,780 (Rupees Twenty One Thousand Seven Hundred Eighty only). As per the Applicant Smt. Shraddha S Angadi, R/o : Belagavi. is paid amount which mentioned in reference (2) and considering the Application of Applicant converting the land from agriculture land to Non-Agricultural land bearing of R.S. No. 81/1 measuring 03 Acre 30 Guntha R.S. No. 81/7 measuring 01 Acre 38 Guntha R.S. No. 81/8 measuring 02 Acre 13 Guntha R.S. No. 81/3B measuring 02 Acre 38 Guntha R.S. No. 81/4+5 measuring 0 Acre R.S. No. 82/2 measuring 18 Guntha R.S. No. 82/3 measuring 01 Acre 10 Guntha R.S. No. 82/6 measuring 20 Guntha R.S. No. 82/10 measuring 20 Guntha R.S. No. 82/13 measuring 02 Acre and R.S. No. 82/4

measuring 01 Acre 20 Guntha measuring 19 Acre 36 Guntha out of total measuring 20 Acre 07 Guntha (except 11 Guntha A Kharab) situated at Ganikoppa Village. Bailhongal Taluka, Belagavi District. The land converting order will be passed under the below said conditions. the ownership title filed in original suit No. 147/2013 in the Hon'ble Civil(Sr.) Court, Bailhongal.

1. Get necessary permission from Board of Development / CMC/ Board of Pollution control/ Gram Panchayat about Land for which purpose converting only that purpose should use. This order did not give any rights to Consumer before getting the sanction.
2. This converting land use only for industrial purpose, and shall not use another purpose before getting the pre-permission of District commissioner.
3. The map of the plot, License etc., Approval should take from Assistant Director, Urban and Rural Planning, Belagavi (Authority/Corporation/etc). the buildings were built up as per Map approval. Not to let out before getting the Approval for Layout plan in the said land.
4. Should get approval for Road, Margin, Open Space etc., from Assistant Director, Urban and Rural Planning, Belagavi (Corporation Authority etc.,) and should not let out any plot without taking the Approval and only reserve for the said purpose.
5. The Applicant should have responsibility to give fundamental facilities like Electricity, Water Supply, Denise System etc,. for public health, clean public advantages and Security purpose.
6. As per Karnataka Land Revenue Act this land is reserve for Government Use Purpose. And the present converting land of Survey No. 82/3, measuring 7 Gunthas and R.S. No. 82/6 measuring 20 Gunthas total 11 guntha A Kharab is is reserved for Public Purpose measuring *** B Kharab. this land is reserved for Public Purpose therefore the Applicant didn't have any rights on this area, always Government have rights on this B Area. Tahashildar should clearly mentioned this column in the RTC.
7. As pet Government Order No. RD-3/SGP/2000, dated 22-2-2002 construction the building in the said land 75 meters distance from middle of the Road of National Highway, and 40 meters distance from middle of the Road of State Highway, and 25 meters distance from middle of the Road of District Highway, and not to construct any building in this open Space.
8. As per Urban Land limitation Act 1976, Article 6 (1), if Applicant not submit declaration letter to concerned authority then immidietely submit the Declaration Letter and that Order copy will be sent to the related Land limitation Authority.

9. In this conversion of land the units of Industries which are emitting the gas, smoke and other west materials controlling management is to be properly done so that it should not be in any manner harm full to the public at large and also see that environment pollution should not happen. The lands converted for industrial purpose are to be started their units only after obtaining permission from Karnataka Pollution control Board are after fulfilling the condition imposed.
   (*** not applicable)
10. KGP should be done within 120 days from passing the order of Non-Agriculture use.
11. This Converting land will be use for Industrial Purpose (Sugar Factory) within Two years from passing the order of Non-Agriculture if false then consider that this Non-Agriculture order will be automatically stands cancelled.
12. As per Applicant mentioned in his request dated 7-12-2013 there is no Road Connectivity in the said land, therefore Applicant should develop the roads in his own expenditure by purchasing the land from Farmers.
13. If the above mentioned Conditions are not follow then this Land converting order will be cancelled without giving any notification and as per Karnataka Land Revenue Act 1964 Section 96 get actions for penalty, and if construct unauthorized buildings in the said land that lands will be destroy without giving any subsidy and the amount of this procedure will be collect by the Applicant as a Land Revenue Balance.

converting the land from agriculture land to Non-Agricultural land (Sugar Factory) of R.S. No. 81/1 measuring 03 Acre 30 Guntha R.S. No. 81/7 measuring 01 Acre 38 Guntha R.S. No. 81/8 measuring 02 Acre 13 Guntha R.S. No. 81/3B measuring 02 Acre 38 Guntha R.S. No. 81/4+5 measuring 0 Acre R.S. No. 82/2 measuring 18 Guntha R.S. No. 82/3 measuring 01 Acre 10 Guntha R.S. No. 82/6 measuring 20 Guntha R.S. No. 82/10 measuring 20 Guntha R.S. No. 82/13 measuring 02 Acre and R.S. No. 82/4 measuring 01 Acre 20 Guntha measuring 19 Acre 36 Guntha out of total measuring 20 Acre 07 Guntha (except 11 Guntha A Kharab) situated at Ganikoppa Village. Bailhongal Taluka, Belagavi District is bounded as under :

Boundaries of R.S. No. 81/1, measuring 03 Acre 30 Guntha is as under :

North	:Road and Chandanhosur boundary Y Siddapur
South	: H.No. 81/2&7
East	: R.S. No. 80
West	: H. No. 81/8

Boundaries of R.S. No. 81/7, measuring 01 Acre 30 Guntha is as under :

North : H. No. 81/1
South : R.S. No. 82
East : R.S. No. 81/2,4,6
West : H. No. 81/8

Boundaries of R.S. No. 81/8, measuring 02 Acre 13 Guntha is as under :

North : boundary of Chandanahosur H.No. 81/1
South : R.S. No. 82
East : H. No. 81/7
West : H. No. 81/3A & 3B

Boundaries of R.S. No. 81/3B, measuring 02 Acre 38 Guntha is as under :

North : R.S. No. 81/3A
South : R.S. No. 82/4,10,11
East : R.S. No. 81/8
West : boundary of Chandahosur

Boundaries of R.S. No. 81/4+5 measuring 02 Acre is as under :

North : H.S. No. 81/6, R.S. No. 78
South : R.S. No. 82
East : H. No. 78
West : H. No. 81/7

Boundaries of R.S. No. 82/2, measuring 18 Guntha is as under :

North : H. No. 82/4
South : H. No. 82/3
East : H. No. 82/3
West : boundary of Chandahosur

Boundaries of R.S. No. 81/10, measuring 20 Guntha is as under :

North : R.S. No. 81
South : H. No. 82/11
East : H. No. 82/11
West : H. No. 82/4

Boundaries of R.S. No. 82/3, measuring 02 Acre 03 Guntha is as under :

North : H. No. 82/4,2,11
South : H. No. 82/6,3
East : H. No. 82/12
West : boundary of Chandahosur

Boundaries of R.S. No. 82/6, measuring 16 Guntha is as under :

North : H. No. 82/3
South : H. No. 82/15 & 83
East : H. No. 82/15
West : H No. 82/3

Boundaries of R.S. No. 81/13, measuring 02 Acre is as under :

North : R.S. No. 81
South : H. No. 82/15
East : H. No. 15, 14
West : H. No. 82/12

Boundaries of R.S. No. 82/4, measuring 01 Acre 20 Guntha is as under :

North : R.S. No. 81
South : R.S. No. 82/2,3
East : H. No. 82/10,11
West : boundary of Chandahosur

Sd/-
(N. Jayaram)
District Commissioner, Belagavi, District

Copy sent for necessary Actions to below mentioned persons:

1) To Tahashildar Bailhongal sent Challan and Agreement Letter copy, as per order should be mentioned in the RTC that related Survey Number land is converted. In the Accountant account the said land Revenue will be make less.
2) To Assistant Director, Urban and Rural Planning, Belagavi for Necessary Actions.
3) To District Commissioner Technical Assistant and nominal Sub-Director, Land Report Department, Belagavi.
4) To Applicant Smt. Shraddha S. Angadi, Directors, Angadi Sugars & Powers Ld., R/o: 4855/83, Shree Laxmi Complex, Sadashiv Nagar, APMC Road, Belagavi by post.
5) Additional copies.

Sd-
Upper District Commissioner, Belagavi

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

(ಕಂದಾಯ ಇಲಾಖೆ)

ಕ್ರ.ಆರ್‌ಬಿ/ಎಲ್‌ಎನ್‌ಎ/ಎಸ್‌ಆರ್(I)/101/13-14 ಜಿಲ್ಲಾಧಿಕಾರಿಗಳ ಕಾರ್ಯಾಲಯ,

ಬೆಳಗಾವಿ, ದಿನಾಂಕ:20-5-2014

ಅನುಬಂಧ-5

ಅಧಿಕೃತ ಜ್ಞಾಪನ

ವಿಷಯ: ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ ಬೈಲಹೊಂಗಲ ತಾಲೂಕಿನ ಗಣಿಕೊಪ್ಪ ಗ್ರಾಮದ ಸ.ನಂ. 81/1 ರಲ್ಲಿ 03 ಎಕರೆ 30 ಗುಂಟೆ, ಸ.ನಂ.81/7 ರಲ್ಲಿ 01 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನಂ.81/8 ರಲ್ಲಿ 02 ಎಕರೆ 13 ಗುಂಟೆ, ಸ.ನಂ.81/3ಬ ರಲ್ಲಿ 02 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನಂ.81/4+5 ರಲ್ಲಿ 02 ಎಕರೆ, ಸ.ನಂ.82/2 ರಲ್ಲಿ 18 ಗುಂಟೆ, ಸ.ನಂ.82/3 ರಲ್ಲಿ 02 ಎಕರೆ 10 ಗುಂಟೆ, ಸ.ನಂ.82/6 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನಂ.82/10 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನಂ.82/13 ರಲ್ಲಿ 02 ಎಕರೆ ಹಾಗೂ ಸ.ನಂ.82/4 ರಲ್ಲಿ 01 ಎಕರೆ 20 ಗುಂಟೆ ಹೀಗೆ ಒಟ್ಟು 20 ಎಕರೆ 07 ಗುಂಟೆ ದಲ್ಲಿ (11 ಗುಂಟೆ ಅ ಖರಾಬ ಹೊರತುಪಡಿಸಿ) 19 ಎಕರೆ 36 ಗುಂಟೆ ವಿಸ್ತೀರ್ಣದ ವ್ಯವಸಾಯದ ಜಮೀನನ್ನು ವ್ಯವಸಾಯೇತರ ಕೈಗಾರಿಕೆ (ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ) ಉದ್ದೇಶಕ್ಕಾಗಿ ಭೂ ಪರಿವರ್ತನೆ ಕೋರಿ ಶ್ರೀಮತಿ.ಶೃದ್ಧಾ ಎಸ್. ಅಂಗಡಿ ಸಾ:ಬೆಳಗಾವಿ ರವರು ಸಲ್ಲಿಸಿರುವ ಅರ್ಜಿ ದಿನಾಂಕ:23-7-2013.

ಉಲ್ಲೇಖ:1) ತಹಶೀಲ್ದಾರ ಬೈಲಹೊಂಗಲ ಇವರ ವರದಿ ಸಂಖ್ಯೆ:ಎಲ್‌ಎನ್‌ಎ/ಎಸ್‌ಆರ್-I 07/2013-14 ದಿನಾಂಕ:17-9-2013.

2) ಭೂ ಪರಿವರ್ತನಾ ಶುಲ್ಕ ರೂ.4,33,440/- ಹಾಗೂ ಫೋಡಿ ಶುಲ್ಕ ರೂ.385/- ಹೀಗೆ ಒಟ್ಟು ರೂ.4,33,825/- ಗಳನ್ನು ಚಲನ ನಂ.112 ದಿನಾಂಕ:30-12-2013 ರಂದು ಖಜಾನೆಗೆ ಅರ್ಜಿದಾರರು ಜಮಾ ಮಾಡಿರುತ್ತಾರೆ.

ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ ಅಧಿನಿಯಮ 1964 ರ ಕಲಂ 95 (2), 95 (4) ಮತ್ತು 95(7) ರ ಷರತ್ತುಗಳು ಹಾಗೂ ಈ ಕೆಳಕಂಡ ಷರತ್ತುಗಳಿಗೊಳಪಡಿಸಿ, ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ (ತಿದ್ದುಪಡಿ) ನಿಯಮಗಳು 1994 ರ ನಿಯಮ 107 (1) ರಂತೆ ಎಕರೆ ಒಂದಕ್ಕೆ ರೂ.21780/- (ರೂಪಾಯಿಗಳು ಇಪ್ಪತ್ತೊಂದು ಸಾವಿರದ ಏಳು ನೂರಾ ಹೆಂಬತ್ತು ರೂಪಾಯಿಗಳು ಮಾತ್ರ) ಗಳಂತೆ ಅರ್ಜಿದಾರರು ಉಲ್ಲೇಖ (2) ರಲ್ಲಿ ನಮೂದಿಸಿರುವಂತೆ ಹಣವನ್ನು ಜಮಾ ಮಾಡಿದ ಮೇರೆಗೆ ಅರ್ಜಿದಾರರಾದ ಶ್ರೀಮತಿ.ಶೃದ್ಧಾ ಎಸ್. ಅಂಗಡಿ ಸಾ:ಬೆಳಗಾವಿ ರವರ ಅರ್ಜಿಯನ್ನು ಪರಿಗಣಿಸಿ ಬೈಲಹೊಂಗಲ ತಾಲೂಕು ಗಣಿಕೊಪ್ಪ ಗ್ರಾಮದ ಸ.ನಂ.81/1 ರಲ್ಲಿ 03 ಎಕರೆ 30 ಗುಂಟೆ, ಸ.ನಂ.81/7 ರಲ್ಲಿ 01 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನಂ.81/8 ರಲ್ಲಿ 02 ಎಕರೆ 13 ಗುಂಟೆ, ಸ.ನಂ.81/3ಬ ರಲ್ಲಿ 02 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನಂ.81/4+5 ರಲ್ಲಿ 02 ಎಕರೆ, ಸ.ನಂ.82/2 ರಲ್ಲಿ 18 ಗುಂಟೆ, ಸ.ನಂ.82/3 ರಲ್ಲಿ 02 ಎಕರೆ 10 ಗುಂಟೆ, ಸ.ನಂ.82/6 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನಂ.82/10 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನಂ.82/13 ರಲ್ಲಿ 02 ಎಕರೆ ಹಾಗೂ ಸ.ನಂ.82/4 ರಲ್ಲಿ 01 ಎಕರೆ 20 ಗುಂಟೆ ಹೀಗೆ ಒಟ್ಟು 20 ಎಕರೆ 07 ಗುಂಟೆ ದಲ್ಲಿ (11 ಗುಂಟೆ ಅ ಖರಾಬ ಹೊರತುಪಡಿಸಿ) 19 ಎಕರೆ 36 ಗುಂಟೆ ವಿಸ್ತೀರ್ಣದ ವ್ಯವಸಾಯದ ಜಮೀನನ್ನು ವ್ಯವಸಾಯೇತರ ಕೈಗಾರಿಕೆ ಉದ್ದೇಶಕ್ಕಾಗಿ ಬಳಸಲು ಮಾನ್ಯ ಪ್ರಧಾನ ಸಿವ್ಹಿಲ್ (ಹಿರಿಯ) ನ್ಯಾಯಾಲಯ ಬೈಲಹೊಂಗಲದಲ್ಲಿ ದಾಖಲಾಗಿರುವ ಅಸಲ ದಾವಾ ನಂ.147/2013 ಪ್ರಕರಣದಲ್ಲಿಯ ಒಡೆತನ ಹಕ್ಕು (ownership title) ಕುರಿತು ಹೊರಡಿಸಬಹುದಾದ ಅಂತಿಮ ಆದೇಶದ ಷರ್ತುಗಳಪಟ್ಟು ಹಾಗೂ ಈ ಕೆಳಗಿನ ಷರತ್ತುಗಳಿಗೆ ಒಳಪಟ್ಟು ಭೂ ಪರಿವರ್ತನಾ ಆದೇಶವನ್ನು ಹೊರಡಿಸಲಾಗಿದೆ.

1) ಈ ಭೂಮಿಯು ಯಾವ ಉದ್ದೇಶಕ್ಕಾಗಿ ಪರಿವರ್ತನೆಯಾಗಿದೆಯೋ ಆ ಉದ್ದೇಶಕ್ಕೆ ಉಪಯೋಗಿಸಿಕೊಳ್ಳಲು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರಿಯಿಂದ ಅಂದರೆ/ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ/ಸಿಎಂಸಿ/ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ/ಗ್ರಾಮ ಪಂಚಾಯತಿಗಳಿಂದ ಮಂಜೂರಾತಿಯನ್ನು ಪಡೆಯದ ಹೊರತು ಈ ಆದೇಶವು ಅನುಭವದಾರನಿಗೆ ಯಾವುದೇ ಹಕ್ಕನ್ನು ನೀಡುವುದಿಲ್ಲ.

2) ಭೂ ಪರಿವರ್ತಿತ ಜಮೀನನ್ನು ಕೈಗಾರಿಕೆ ಉದ್ದೇಶಕ್ಕಾಗಿ ಮಾತ್ರ ಉಪಯೋಗಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಈ ಜಮೀನನ್ನು ಜಿಲ್ಲಾಧಿಕಾರಿಗಳ ಪೂರ್ವಾನುಮತಿ ಇಲ್ಲದೇ ಬೇರೆ ಉದ್ದೇಶಕ್ಕಾಗಿ ಉಪಯೋಗಿಸಿಕೊಳ್ಳಬಾರದು.

3) ಈ ಜಮೀನಿನಲ್ಲಿ ಉದ್ದೇಶಿಸಿರುವ ಬಡಾವಣೆ ನಕ್ಷೆ ಹಾಗೂ ಪರವಾನಿಗೆ ಇತ್ಯಾದಿಗಳನ್ನು ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ನಗರ ಮತ್ತು ಗ್ರಾಮಾಂತರ ಯೋಜನೆ, ಬೆಳಗಾವಿ ಇವರಿಂದ (ಪ್ರಾಧಿಕಾರ/ನಗರಪಾಲಿಕೆ/ಇತ್ಯಾದಿ) ರವರಿಂದ ಅನುಮೋದಿಸಿಕೊಂಡು, ಆ ನಂತರ ಅನುಮೋದನೆಗೊಂಡ ನಕ್ಷೆಗೆ ಅನುಗುಣವಾಗಿ ಕಟ್ಟಡಗಳನ್ನು ಕಟ್ಟುವುದು. ಸದರೀ ಜಮೀನಿನಲ್ಲಿ ಲೇಔಟ್‌ಪ್ಲಾನಿಗೆ ಅನುಮೋದನೆ ಪಡೆಯದೆ ಪರಭಾರೆ ಮಾಡಕೂಡದು.

4) ಇತರೆ ಅವಶ್ಯವಾದ ರಸ್ತೆ ಜಾಗ, ಮಾರ್ಜಿನ್, ಖಾಲಿ ಜಾಗ ಇತ್ಯಾದಿಗಳನ್ನು ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ನಗರ ಮತ್ತು ಗ್ರಾಮಾಂತರ ಯೋಜನೆ, ಬೆಳಗಾವಿ ಇವರಿಂದ (ಪ್ರಾಧಿಕಾರ ನಗರಪಾಲಿಕೆ ಇತ್ಯಾದಿ) ಇವರಿಂದ ವಿನ್ಯಾಸ ನಕ್ಷೆಗೆ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯತಕ್ಕದ್ದು ಹಾಗೂ ವಿನ್ಯಾಸ ನಕ್ಷೆಗೆ ಅನುಮೋದನೆ ಪಡೆಯದೇ ಯಾವುದೇ ನಿವೇಶನವನ್ನು ಪರಭಾರೆ ಮಾಡಕೂಡದು ಹಾಗೂ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ನಿಯಮಗಳ ರೀತ್ಯ ಸದರಿ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಾಯ್ದಿರಿಸತಕ್ಕದ್ದು.

5) ಸಾರ್ವಜನಿಕ ಹಿತದೃಷ್ಟಿಯಿಂದ ಸದರೀ ಜಮೀನಿನಲ್ಲಿನ ನಿವೇಶನದಾರರಿಗೆ ನಾಗರೀಕ ಸೌಲಭ್ಯಗಳಾದ ವಿದ್ಯುಚ್ಛಕ್ತಿ ನೀರು ಸರಬರಾಜು, ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಇತ್ಯಾದಿಗಳನ್ನು ಅರೋಗ್ಯ ನೈರ್ಮಲೀಕರಣ ಸಾರ್ವಜನಿಕ ಅನುಕೂಲತೆ ಹಾಗೂ ಭದ್ರತೆಗಳ ಉದ್ದೇಶದಿಂದ ಈ ಎಲ್ಲ ಸೌಲಭ್ಯಗಳನ್ನು ಕಾನೂನು ರೀತ್ಯಾ ಒದಗಿಸಿಕೊಡುವುದು ಅರ್ಜಿದಾರರ ಜವಾಬ್ದಾರಿಯಾಗಿರುತ್ತದೆ.

6) ಈ ಜಮೀನಿಗೆ ತಾಕು, ಪೂಟ್ ಖರಾಬ ಜಮೀನಿದ್ದಲ್ಲಿ ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ ಕಾಯ್ದೆ 1964 ರ ಕಲಂ 67 ರಂತೆ ಸರ್ಕಾರದ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಾಯ್ದರಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಪ್ರಸ್ತುತ ಭೂಮಿ ಪರಿವರ್ತನೆಗೆ ಒಳಪಟ್ಟಿರುವ ಸರ್ವೆ ನಂ.82/3 ರಲ್ಲಿ 07 ಗುಂಟೆ ಹಾಗೂ 82/6 ರಲ್ಲಿ 20 ಗುಂಟೆ ಹೀಗೆ ಒಟ್ಟು 11 ಗುಂಟೆ ಎ ಖರಾಬ ವಿಸ್ತೀರ್ಣ ಇದನ್ನು ಸಾರ್ವಜನಿಕ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಾಯ್ದಿರಿಸುವುದು. ಹಾಗೂ *** ವಿಸ್ತೀರ್ಣ ಬಿ ಖರಾಬಿನಲ್ಲಿ ಬರುವ ಕಾರಣ ಇದನ್ನು ಸಾರ್ವಜನಿಕ ಉದ್ದೇಶಕ್ಕಾಗಿ ಮೀಸಲಿರಿಸಲಾಗಿದೆ. ಈ ವಿಸ್ತೀರ್ಣದ ಮೇಲೆ ಅರ್ಜಿದಾರರಿಗೆ ಯಾವುದೇ ಹಕ್ಕು ಇರುವುದಿಲ್ಲ. ಈ ಬಿ ವಿಸ್ತೀರ್ಣದ ಹಕ್ಕು ಯಾವಾಗಲೂ ಸರ್ಕಾರಕ್ಕೆ ಸೇರಿರುತ್ತದೆ. ತಹಶೀಲ್ದಾರರವರು ಈ ಬಾಬ್ತು ಆರ್.ಟಿ.ಸಿ ಯಲ್ಲಿ ಸ್ಪಷ್ಟವಾಗಿ ನಮೂದಿಸತಕ್ಕದ್ದು.

7) ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ ಆರ್‌ಡಿ-3/ಎಲ್‌ಜಿಪಿ/2000 ದಿನಾಂಕ: 22-2-2002 ರಂತೆ ಈ ಜಮೀನಿನಲ್ಲಿ ಕಟ್ಟಲು ಉದ್ದೇಶಿಸಿರುವ ಕಟ್ಟಡವು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ರಸ್ತೆಯ ಮಧ್ಯಭಾಗದಿಂದ 75ಮೀಟರಗಳ ಅಂತರವನ್ನು ಹಾಗೂ ರಾಜ್ಯ ಹೆದ್ದಾರಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ರಸ್ತೆಯ ಮಧ್ಯಭಾಗದಿಂದ 40 ಮೀಟರಗಳ ಅಂತರವನ್ನು ಮತ್ತು ಜಿಲ್ಲಾ ಹೆದ್ದಾರಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ರಸ್ತೆಯ ಮಧ್ಯಬಾಗದಿಂದ 25 ಮೀಟರ್‌ಗಳ ಅಂತರವನ್ನು ಕಾದಿರಿಸಬೇಕು ಹಾಗೂ ಈ ಖಾಲಿ ಪ್ರದೇಶದಲ್ಲಿ ಯಾವುದೇ ಕಟ್ಟಡವನ್ನು ಕಟ್ಟಬಾರದು.

8) ಅರ್ಜಿದಾರರು ನಗರ ಭೂ ಪರಿಮಿತಿ ಕಾಯ್ದೆ 1976 ವಿಧಿ 6(1)ರ ಪ್ರಕಾರ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಲ್ಲಿ ಘೋಷಣೆ ಪತ್ರವನ್ನು ಸಲ್ಲಿಸಿದದ್ದಲ್ಲಿ ಈಗ ತಕ್ಷಣ ಅಂತಹ ಘೋಷಣೆ ಪತ್ರವನ್ನು ಸಲ್ಲಿಸತಕ್ಕದ್ದು ಮತ್ತು ಈ ಆದೇಶದ ಪ್ರತಿಯನ್ನು ಸಂಬಂಧಪಟ್ಟ ಭೂ ಪರಿಮಿತಿ ಪ್ರಾಧಿಕಾರಕ್ಕೆ ಕಳುಹಿಸಲಾಗಿದೆ.

-3-

9) ಈ ಭೂ ಪರಿವರ್ತನಾ ಜಮೀನಿನಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗುವ ಕೈಗಾರಿಕಾ ಘಟಕಗಳು ಹೊರದೂಡುವ ಹೊಗೆ ಅನಿಲ ಇತರೆ ಕಲ್ಮಶಗಳನ್ನು ಪರಿಣಾಮಕಾರಿಯಾಗಿ ತಡೆಗಟ್ಟಿ ಸಾರ್ವಜನಿಕರ ಆರೋಗ್ಯಕ್ಕೆ ಯಾವುದೇ ರೀತಿಯ ಹಾನಿಯಾಗದಂತೆ ಹಾಗೂ ಪರಿಸರ ಮಾಲಿನ್ಯವಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕಾಗಿ ಭೂ ಪರಿವರ್ತಿತ ಜಮೀನಿನಲ್ಲಿ ಸ್ಥಾಪಿಸಲು ಕೈಗಾರಿಕಾ ಘಟಕಗಳು ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ/ಪರಿಸರ ಇಲಾಖೆಗಳ ಅನುಮತಿ ಪಡೆದಿರುವ ರೀತ್ಯ ಅಥವಾ ಷರತ್ತುಗಳನ್ನು ಪೂರೈಸಿದ ನಂತರವೇ ಉಪಯೋಗಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.

(***- ಅನ್ವಯಿಸುವದಿಲ್ಲ)

10) ಬಿನಶೇತ್ಕಿ ಆದೇಶ ಹೊರಡಿಸಿದ 120 ದಿವಸಗಳಲ್ಲಿ ಕೆ.ಜಿ.ಪಿ ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು.

11) ಬಿನಶೇತ್ಕಿ ಆದೇಶ ಹೊರಡಿಸಿದ ಎರಡು ವರ್ಷಗಳಲ್ಲಿ ಭೂ ಪರಿವರ್ತಿತ ಜಮೀನನ್ನು ಕೈಗಾರಿಕೆ (ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ) ಉದ್ದೇಶಕ್ಕಾಗಿ ಮಾತ್ರ ಉಪಯೋಗಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು. ತಪ್ಪಿದಲ್ಲಿ, ಈ ಬಿನಶೇತ್ಕಿ ಆದೇಶವು ತನ್ನಿಂತಾನೇ ರದ್ದಾಗಿದೆ ಎಂದು ಪರಿಗಣಿಸಲಾಗುವುದು.

12) ಅರ್ಜಿದಾರರು ದಿನಾಂಕ:7-12-2013 ರ ತಮ್ಮ ಮನವಿಯಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ, ಪ್ರಸ್ತಾಪಿತ ಜಮೀನಿಗೆ ರಸ್ತೆ ಸಂಪರ್ಕ ಇಲ್ಲದೆ ಇರುವುದರಿಂದ, ಸಂಪರ್ಕ ರಸ್ತೆಗೆ ಅಗತ್ಯ ಇರುವ ಜಮೀನನ್ನು ರೈತರಿಂದ ಖರೀದಿಸಿ ರಸ್ತೆಯನ್ನು ಸ್ವಂತ ವೆಚ್ಚದಲ್ಲಿ ಅಭಿವೃದ್ಧಿ ಪಡಿಸತಕ್ಕದು.

13) ಮೇಲ್ಕಂಡ ಯಾವುದೇ ಷರತ್ತುಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಈ ಭೂ ಪರಿವರ್ತನೆ ಆದೇಶ ಯಾವದೇ ಸೂಚನೆ ನೀಡದೇ ರದ್ದುಗೊಳಿಸಲಾಗುವುದು ಮತ್ತು ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ ಕಾಯ್ದೆ 1964 ರ ಕಲಂ 96 ರಂತೆ ದಂಡ ಶುಲ್ಕವನ್ನು ವಿಧಿಸಲು ಮುಂದಿನ ಕ್ರಮ ತೆಗೆದುಕೊಳ್ಳಲಾಗುವುದು. ಅಲ್ಲದೇ ಈ ಜಮೀನಿನಲ್ಲಿ ಅನಧಿಕೃತವಾಗಿ ಕಟ್ಟಿದ ಕಟ್ಟಡಗಳನ್ನು ಯಾವುದೇ ಪರಿಹಾರ ನೀಡದೇ ಕೆಡವಲು ಕ್ರಮ ಕೈಗೆದುಕೊಳ್ಳಲಾಗುವುದು ಹಾಗೂ ಅದಕ್ಕೆ ತಗಲುವ ವೆಚ್ಚವನ್ನು ಭೂ ಕಂದಾಯ ಬಾಕಿ ಎಂದು ಖಾತೇದಾರರಿಂದ ವಸೂಲಿ ಮಾಡಲಾಗುವುದು.

ಷೆಡ್ಯೂಲ್ ವಿವರ

ಬೆಳಗಾವಿ ಜಿಲ್ಲೆಯ ಬೈಲಹೊಂಗಲ ತಾಲೂಕಿನ ಗಣಿಕೊಪ್ಪ ಗ್ರಾಮದ ಸ.ನ.ನಂ.81/1 ರಲ್ಲಿ 03 ಎಕರೆ 30 ಗುಂಟೆ, ಸ.ನ.ನಂ.81/7 ರಲ್ಲಿ 01 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನ.ನಂ.81/8 ರಲ್ಲಿ 02 ಎಕರೆ 13 ಗುಂಟೆ, ಸ.ನ.ನಂ.81/3ಬ ರಲ್ಲಿ 02 ಎಕರೆ 38 ಗುಂಟೆ, ಸ.ನ.ನಂ.81/4+5 ರಲ್ಲಿ 02 ಎಕರೆ, ಸ.ನ.ನಂ.82/2 ರಲ್ಲಿ 18 ಗುಂಟೆ, ಸ.ನ.ನಂ.82/3 ರಲ್ಲಿ 02 ಎಕರೆ 10 ಗುಂಟೆ, ಸ.ನ.ನಂ.82/6 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನ.ನಂ.82/10 ರಲ್ಲಿ 20 ಗುಂಟೆ, ಸ.ನ.ನಂ.82/13 ರಲ್ಲಿ 02 ಎಕರೆ ಹಾಗೂ ಸ.ನ.ನಂ. 82/4 ರಲ್ಲಿ 01 ಎಕರೆ 20 ಗುಂಟೆ ಹೀಗೆ ಒಟ್ಟು 20 ಎಕರೆ 07 ಗುಂಟೆ ದಲ್ಲಿ (11 ಗುಂಟೆ ಅ ಖರಾಬ ಹೊರತುಪಡಿಸಿ) 19 ಎಕರೆ 36 ಗುಂಟೆ ವಿಸ್ತೀರ್ಣದ ವ್ಯವಸಾಯದ ಜಮೀನನ್ನು ವ್ಯವಸಾಯೇತರ ಕೈಗಾರಿಕೆ (ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ) ಉದ್ದೇಶಕ್ಕಾಗಿ ಭೂ ಪರಿವರ್ತಿತ ಜಮೀನಿಗೆ ಚಕಬಂದಿ.

ಸರ್ವೆ ನಂ.81/1 ಕ್ಷೇತ್ರ 03 ಎಕರೆ 30 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ.

ಉತ್ತರಕ್ಕೆ : ರಸ್ತೆ & ಚಂದನಹೊಸೂರ ಗಡಿ & ಸಿದ್ದಾಪೂರ
ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.81/2&7
ಪೂರ್ವಕ್ಕೆ : ಸ.ನಂ.80
ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.81/8

ಸರ್ವೆ ನಂ.81/7 ಕ್ಷೇತ್ರ 01 ಎಕರೆ 38 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಹಿ.ನಂ.81/1

ದಕ್ಷಿಣಕ್ಕೆ : ಸ.ನಂ.82

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.81/2,4,6

ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.81/8

ಸರ್ವೆ ನಂ.81/8 ಕ್ಷೇತ್ರ 02 ಎಕರೆ 13 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಚಂದನಹೊಸೂರ ಶೀಮೆ ಹಿ.ನಂ.81/1

ದಕ್ಷಿಣಕ್ಕೆ : ಸ.ನಂ.82

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.81/7

ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.81/3ಅ & 3ಬ

ಸರ್ವೆ ನಂ.81/3ಬ ಕ್ಷೇತ್ರ 02 ಎಕರೆ 38 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಸ.ನಮ.81/3ಅ

ದಕ್ಷಿಣಕ್ಕೆ : ಸ.ನಂ.82/4, 10, 11

ಪೂರ್ವಕ್ಕೆ : ಸ.ನಂ.81/8

ಪಶ್ಚಿಮಕ್ಕೆ : ಚಂದನಹೊಸೂರ ಗಡಿ

ಸರ್ವೆ ನಂ.81/4+5 ಕ್ಷೇತ್ರ 02 ಎಕರೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಹಿ.ನಂ.81/6, ಸ.ನಂ.78

ದಕ್ಷಿಣಕ್ಕೆ : ಸ.ನಂ.82

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.78

ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.81/7

ಸರ್ವೆ ನಂ.82/2 ಕ್ಷೇತ್ರ 18 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಹಿ.ನಂ.82/4

ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/3

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.82/3

ಪಶ್ಚಿಮಕ್ಕೆ : ಚಂದನಹೊಸೂರ ಶೀಮೆ

ಸರ್ವೆ ನಂ.82/10 ಕ್ಷೇತ್ರ 20 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಸ.ನಂ.81

ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/11

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.82/11

ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.82/4

ಸರ್ವೆ ನಂ.82/3 ಕ್ಷೇತ್ರ 02 ಎಕರೆ 03 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಹಿ.ನಂ.82/4,2,11

ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/6,3

ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.82/12

ಪಶ್ಚಿಮಕ್ಕೆ : ಚಂದನಹೊಸೂರ ಶೀಮೆ

ಸರ್ವೆ ನಂ.82/6 ಕ್ಷೇತ್ರ 16 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಹಿ.ನಂ.82/3
ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/15 & 83
ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.82/15
ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.82/3

ಸರ್ವೆ ನಂ.82/13 ಕ್ಷೇತ್ರ 02 ಎಕರೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಸ.ನಂ.81
ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/15
ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.15,14
ಪಶ್ಚಿಮಕ್ಕೆ : ಹಿ.ನಂ.82/12

ಸರ್ವೆ ನಂ.82/4 ಕ್ಷೇತ್ರ 01 ಎಕರೆ 20 ಗುಂಟೆ ನೇದ್ದರ ಚೆಕ್‌ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತೆ.

ಉತ್ತರಕ್ಕೆ : ಸ.ನಂ.81
ದಕ್ಷಿಣಕ್ಕೆ : ಹಿ.ನಂ.82/2,3
ಪೂರ್ವಕ್ಕೆ : ಹಿ.ನಂ.82/10,11
ಪಶ್ಚಿಮಕ್ಕೆ : ಚಂದನಹೊಸೂರ ಶೀಮೆ

(ಎಸ್. ಜಯರಾಮ)
ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಬೆಳಗಾವಿ, ಜಿಲ್ಲೆ

ಪ್ರತಿಯನ್ನು ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಕೆಳಕಂಡವರಿಗೆ ಕಳುಹಿಸಿದೆ.

1) ತಹಶೀಲ್ದಾರ ಬೈಲಹೊಂಗಲ ಇವರಿಗೆ ಚಲನ ಹಾಗೂ ಕರಾರ ಪತ್ರದ ಪ್ರತಿಯನ್ನು ಕಳುಹಿಸುತ್ತಾ ಈ ಆದೇಶದ ಪ್ರಕಾರ ಸಂಬಂಧಪಟ್ಟ ಸರ್ವೆ ನಂಬರ ಭೂ ಪರಿವರ್ತನೆಯಾಗಿದೆ ಎಂದು ಸಂಬಂಧಪಟ್ಟ ಆರ್.ಟಿ.ಸಿಯಲ್ಲಿ ನಮೂದಿಸತಕ್ಕದ್ದು ಮತ್ತು ಈ ಜಮೀನಿಗೆ ಖಾತೇದಾರರ ಲೆಕ್ಕದಲ್ಲಿ ಸದರಿ ಜಮೀನಿನ ಭೂ ಕಂದಾಯವನ್ನು ಕಡಿಮೆಗೊಳಿಸುವುದು.
2) ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ನಗರ ಮತ್ತು ಗ್ರಾಮಾಂತರ ಯೋಜನಾ, ಬೆಳಗಾವಿ ಇವರಿಗೆ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ.
3) ಜಿಲ್ಲಾಧಿಕಾರಿಗಳ ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಹಾಗೂ ಪದನಿಮಿತ್ತ ಉಪ ನಿರ್ದೇಶಕರು, ಭೂ ದಾಖಲೆಗಳ ಇಲಾಖೆ, ಬೆಳಗಾವಿ ಇವರಿಗೆ.
4) ಅರ್ಜಿದಾರರಾದ ಶ್ರೀಮತಿ.ಶೃದ್ಧಾ ಎಸ್. ಅಂಗಡಿ, ನಿರ್ದೇಶಕರು, ಅಂಗಡಿ ಶುಗರ್ಸ್ & ಪಾವರ್ಸ್ ಲಿ., ಸಾ:4855/83 ಶ್ರೀ ಲಕ್ಷ್ಮಿ ಕಾಂಪ್ಲೆಕ್ಸ್, ಸದಾಶಿವ ನಗರ, ಎಪಿಎಂಸಿ ರೋಡ್, ಬೆಳಗಾವಿ ತಾ:ಜಿ:ಬೆಳಗಾವಿ ರವರಿಗೆ ದೃಡೀಕೃತ ಅಂಚೆ ಮೂಲಕ.
5) ಹೆಚ್ಚಿನ ಪ್ರತಿ.

ಅಪರ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಬೆಳಗಾವಿ

ANGADI SUGARS & POWER LTD.

Factory Site: Survey No: 82, Village Ganikoppa, Tal : Bailhongal,
Dist. Belagavi – 591 103, Karnataka.
CIN: U15122KA2011PLC058423

O/C

Ref:ASPL/BCM/2022 -23/23

Date:25.05.2022

To
Secretary,
Water Resources Department,
Vikasa Soudha, Dr. B. R. Ambedkar Road
Bangalore-560001
Ph.No. 22255524, 22034714
Fax: 22255306
e-mail:secyirr@secretariat2.kar.nic.in
:tasectionwrd@gmail.com

25/5/22

Dear Sir,

Sub:Permission to lift 35 Lakh litres per day of water from River Malaprabha for our Sugar Industry with co-generation plant and Ethnol unit at Ganikoppa Village Bailahongal Taluk and Belagavi Dist-reg.
Ref: CI 27 SPI 2022 DT 08.02.2022

* * * * *

We are happy to convey you that the Government has given us an In principle clearance for implementing a complex unit of 5000 TCD 25 MW co-generation and 200 KLPD Ethnol plant at Ganikoppa Village Bailahongal Taluk and Belagavi. We have received clearance from Government of Karnataka for this project

The State Government has sanctioned the cane are for developing and acquiring cane for the sugar unit.

With these permissions we have gone ahead with the project and we require about 35 Lakh liters per day for the consumption in the industry. This requirement of Water can be arranged from Malaprabha River and Tigadi dam which is at a distance of about 10 KMs from our factory site and will be convenient for us to arrange to lift this water from the Malaprabha River and Tigadi Reservoir. We are also ready to pay the necessary water Cess to the State Government and after levies for lifting the said water for Industrial use.

Hence we request you to kindly accord the necessary permission to lift 35 Lakh litres per day of water from Malaprabha River and Tigadi Dam for Industrial use.

Thanking you, with regards.

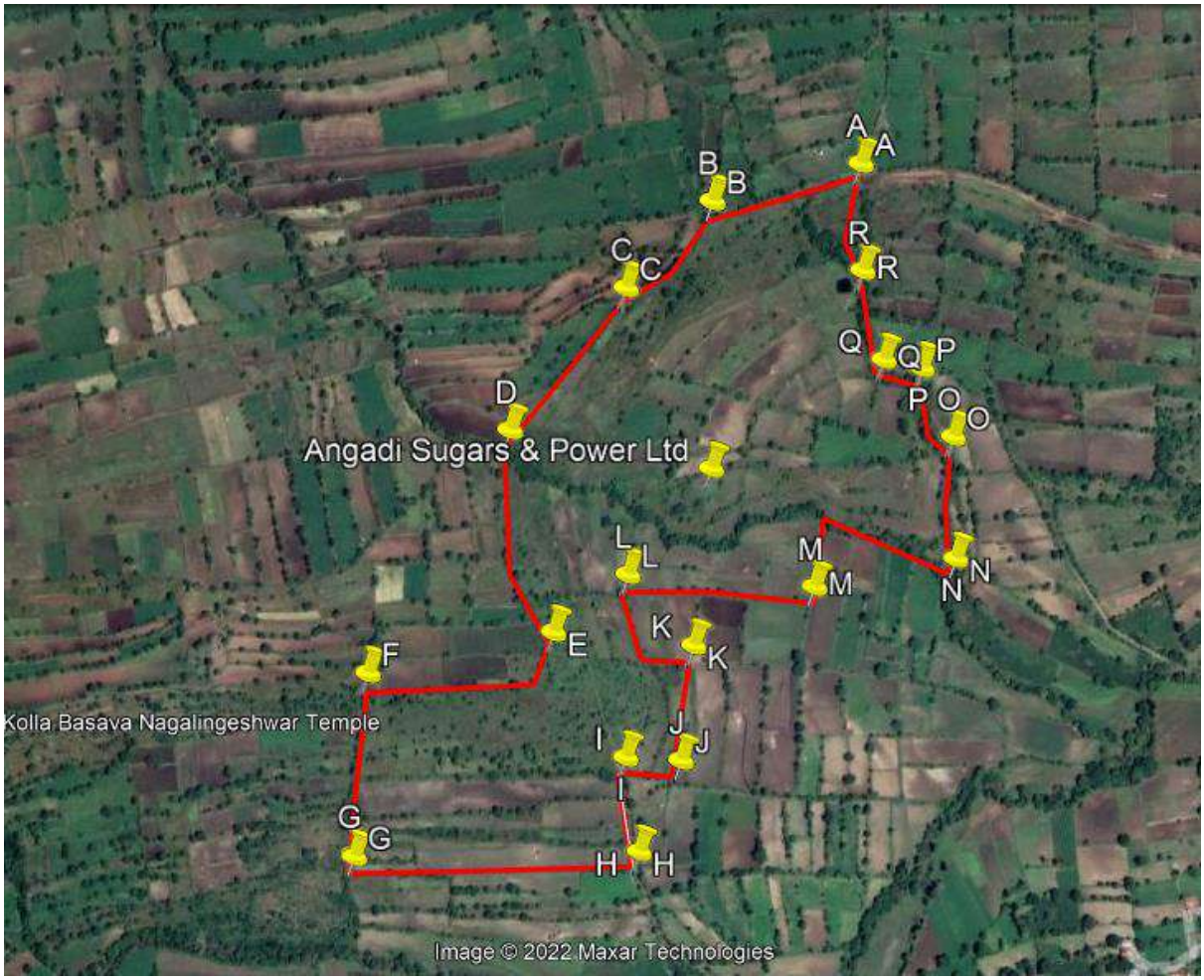
Yours faithfully
For Angadi Sugars and Power Ltd.,

Director

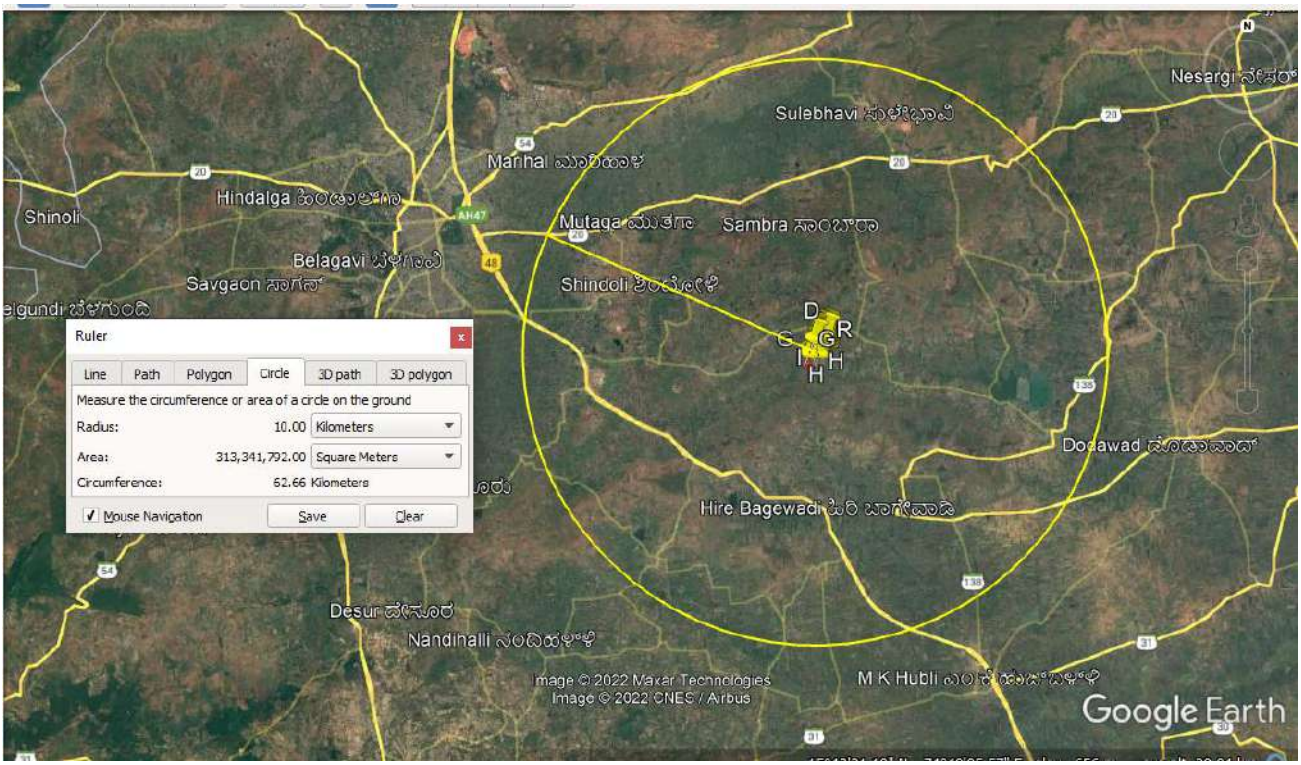
Encl:
1. In Principle Clearance vide GO No.CI SGF20 Date:
2.Cane area Allotment vide GO No. .CI SGF20 Date:
3.Project Report

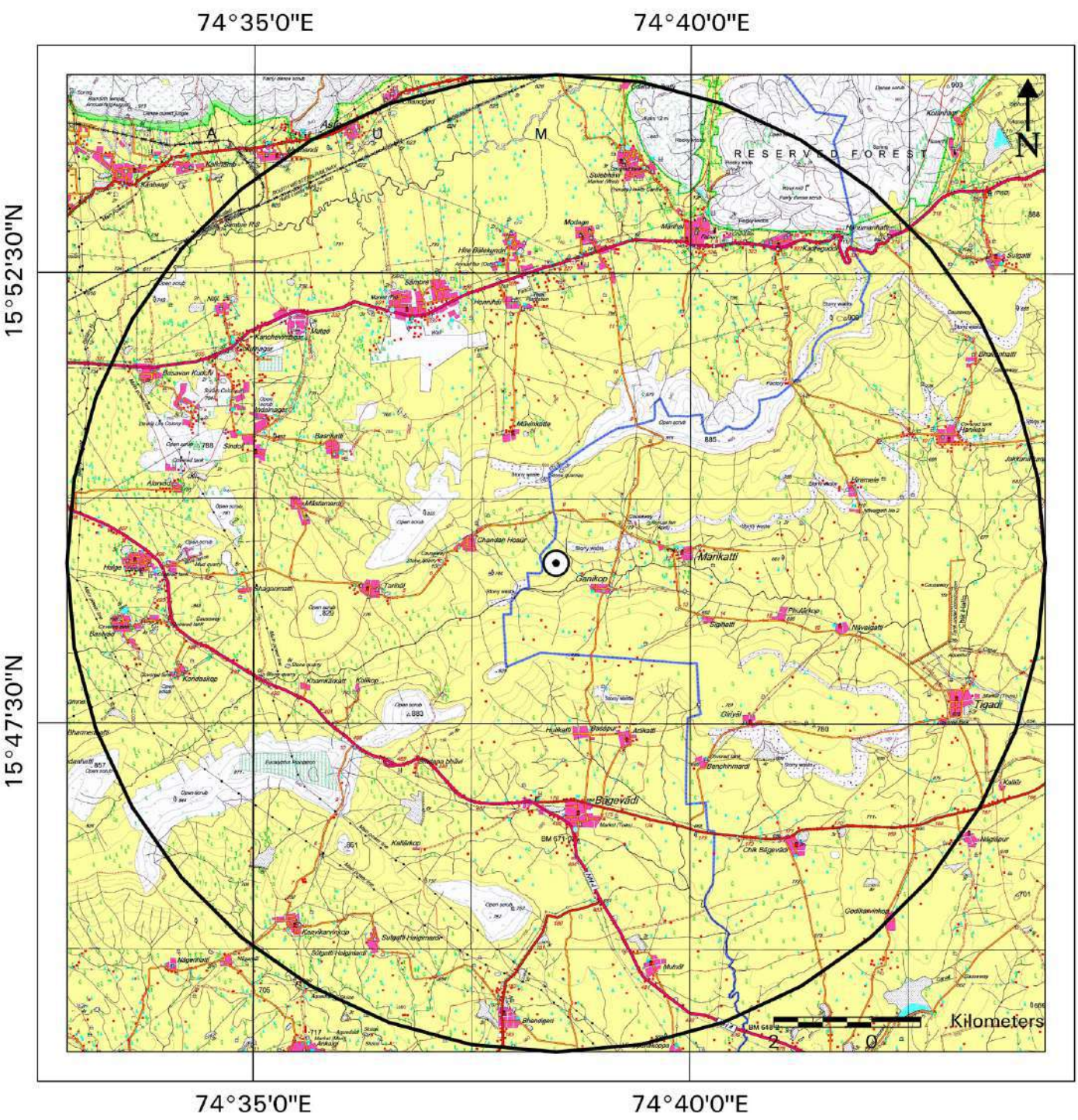
Corporate Office: Shri Laxmi Complex, 4855/83, 1St Cross, APMC Road.
Sadashiv Nagar, Belagavi – 590019, Karnataka.
0831 2405140 096862 91002
angadisugars@gmail.com | shradha.angadi04@gmail.com

Project boundary



Google map showing 10km radius around project site





Legends

Express highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track with pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir.
River: dry with water channel; with island & rocks. Tidal river.
Submerged rocks. Shoal. Swamp. Reeds.
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry.
Embankments: road or rail; tank. Broken ground.
Railways, broad gauge: double; single with station; under constrn.
Railways, other gauges: double; single with distance stone; do.
Mineral line or tramway. Kiln. Cutting with tunnel.
Contours with sub-features. Rocky slopes. Cliffs.
Sand features:(1)flat. (2)sand-hills(permanent). (3)dunes(shifting).
Towns or Villages: inhabited; deserted. Fort.
Huts: permanent; temporary. Tower. Antiquities.

Temple. Chhatri. Church. Mosque. Īdgāh. Tomb. Graves.
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage.
Mine. Vine on trellis. Grass. Scrub.
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees.
Areas: cultivated; wooded. Surveyed tree.
Boundary, international.
,, state: demarcated; undemarcated.
,, district; subdivision; tahsīl or tāluk; forest.
Boundary pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate. △200 . 200 .200
Bench-mark: geodetic; tertiary; canal. BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station.
Camping ground. Forest: reserved; protected. CG RF PF
Spaced names: administrative; locality or tribal. KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital/Dispensary
Aerodrome. Helipad. Tourist site.
Power line: with pylons surveyed; with poles unsurveyed.

Toposheet Nos: D43C09 & D43C10 (1: 50,000)

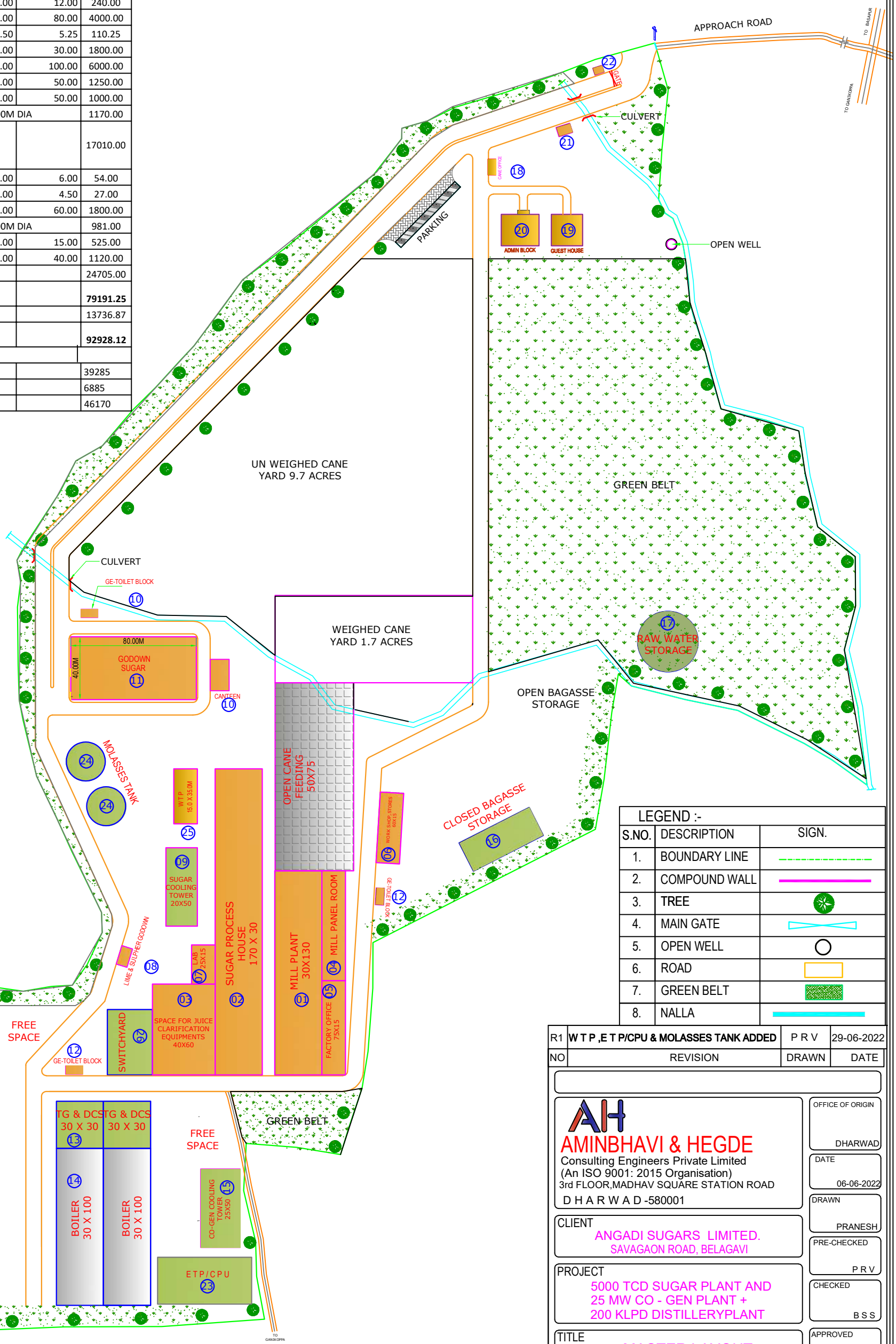
FACTORY UTILSATION AREA STATEMENT

Sl.No	DESCRIPTION	SIZES (IN MTRS)		AREA (IN SQM)
1	MILL PLANT	26.00	140.00	3640.00
2	SUGAR PROCESS	200.00	30.00	6000.00
3	JUICE CLARIFICATION HOUSE	35.00	60.00	2100.00
4	MILL PANEL ROOM	15.00	70.00	1050.00
5	FACTORY OFFICE	75.00	15.00	2250.00
6	WORKSHOP STORES	15.00	60.00	900.00
7	LABORATORY	25.00	15.00	375.00
8	LIME GODOWN & SULPHER GODOWN	12.00	7.00	84.00
9	SUGAR- COOLING TOWER	20.00	50.00	1000.00
10	CANTEEN	20.00	12.00	240.00
11	SUGAR GODOWN	50.00	80.00	4000.00
12	GENERAL TOILET	10.50	5.25	110.25
13	TG & DCS - 2 Nos	30.00	30.00	1800.00
14	BOILER	30.00	100.00	6000.00
15	CO-GEN COOLING TOWER	25.00	50.00	1250.00
16	BAGASSE SHED	20.00	50.00	1000.00
17	RAW WATER STORAGE	38.00M DIA		1170.00
18	CANE OFFICE			
19	GUEST HOUSE			17010.00
20	ADMIN BLOCK			
21	TIME OFFICE	9.00	6.00	54.00
22	SECURITY BLOCK	6.00	4.50	27.00
23	E T P & C P U	30.00	60.00	1800.00
24	MOLASSES TANK 2-Nos	25.00M DIA		981.00
25	FEED WATER STN + W T P	35.00	15.00	525.00
26	SWITCHYARD	28.00	40.00	1120.00
27	OPEN SPACE			24705.00
28	**SUB TOTAL GROUND COVERAGE AREA**			**79191.25**
29	FREE AREA			13736.87
	TOTAL GROUND COVERAGE ARE + FREE AREA			**92928.12**
	PARKING AREA			
	UNWEIGHED CANE YARD			39285
	WEIGHED CANE YARD			6885
	SUB TOTAL			46170

AREA STATEMENT

DESCRIPTION	AREA (IN SQM)	PERSENTAGE
TOTAL PLOT AREA	276190	100%
TOTAL GROUND COVERAGE ARE + FREE AREA	92928.12	33.65 %
HARD PAVED AREA INCLUDING ROADS (APPROX)	49471.88	17.91 %
GREEN BELT AREA	90500	33 %
PARKING AREA	46170	16.72 %
	TOTAL	100.00%

N



LAYOUT PLAN

LEGEND :-

S.NO.	DESCRIPTION	SIGN.
1.	BOUNDARY LINE	
2.	COMPOUND WALL	
3.	TREE	
4.	MAIN GATE	
5.	OPEN WELL	
6.	ROAD	
7.	GREEN BELT	
8.	NALLA	

NO	REVISION	DRAWN	DATE
R1	W T P ,E T P/CPU & MOLASSES TANK ADDED	P R V	29-06-2022

AMINBHAVI & HEGDE
Consulting Engineers Private Limited
(An ISO 9001: 2015 Organisation)
3rd FLOOR,MADHAV SQUARE STATION ROAD
D H A R W A D -580001

CLIENT: ANGADI SUGARS LIMITED.
SAVAGAON ROAD, BELAGAVI

PROJECT: 5000 TCD SUGAR PLANT AND 25 MW CO - GEN PLANT + 200 KLPD DISTILLERYPLANT

TITLE: MASTER LAYOUT

DRG NO : AH/ R-1

OFFICE OF ORIGIN: DHARWAD
DATE: 06-06-2022
DRAWN: PRANESH
PRE-CHECKED: P R V
CHECKED: B S S
APPROVED: R K H
SCALE: AS NOTED