0758

SHREE BASAVESHWAR SUGARS LIMITED

SBSL/HR/EC/2023-24/239 Date: 16.11.2023

To,
The Additional Principal Chief Conservator of Forest (C),
Ministry of Environment, Forests & Climate Change,
KendriyaSadan, 4th Floor, E&F Wing, Koramangala,
Bangalore-560034.

Sir,

Sub: Submission of Half Yearly Compliance Report-reg.
Ref: 1.Environment Clearance F.No.J-11011/57/2012-IA II(I).

With reference to the above subject, we have enclosed herewith half yearly compliance report as on 30.09.2023 of Environment Clearance issued to our sugar factory.

Kindly accept the same.

Thanking You,

Regards,

For Shree Basaveshwar Sugars Ltd.,

Shree Basaveshwar Sugars Ltd. KARJOL 586108 (KARNATAKA)

Authorized Signatory.

Copy to:-The Environmental Officer,
Regional Office,
Vijayapura.

SHREE BASAVESHWAR SUGARS LTD, KARJOL VILLAGE, TQ BABALESHWAR, DT-VIJAYAPUR

Half Yearly Environmental Clearance (EC) Conditions Compliance Report as on 30-09-2023

A. Specific Conditions.

Sl. No	Conditions	Compliance
01	Environment clearance accorded is for Molasses based distillery unit (50 KLPD) only and no grain based distillery unit shall be operated without prior permission from the ministry.	Distillery to be commissioned.
02	1) ESP along with stack of adequate height should be provided to bagasse/agro waste/coal fired boiler (130 TPH) to control particulate emission within 50 mg/Nm^3 2) Bag filter should be provided to biomass/concentrated spent wash fired boiler (18TPH). At no time, the emission levels should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit should not be restarted until the control measures are rectified to achieve the desired efficiency.	1) 130TPH boiler with ESP is provided & 82 mtr stack height provided to control emission within 50 mg/Nm3 (enclosed latest stack monitoring report) 2) Distillery to be commissioned.
03	1) In plant, control measures for checking fugitive emission from all the vulnerable sources shall be provided. 2) Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials. 3) Multi cyclone separator and water sprinkling system shall be provided at loading and unloading areas to control dust emissions. 4) Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained.	1) The conveyors of bagasse, sugar grader, sugar drier, boiler ash, covered with hood to control fugitive emissions 2) RAV/Mechanical dust collecting system provided with closed screw conveyor along with water spray. 3) It is being followed. 4) It is being followed & Within Limits of KSPCB. Enclosed analysis report for your information.

Shree Basaveshwar Sugars Ltd. KARJOL 586108 (KARNATAKA)

	5) The emissions shall confirm to the limits prescribed by Karnataka state pollution control board (KSPCB).	
04	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	15 mtr AGL M S stack, and 7ARL, Acoustic Enclosure provided.
05	1) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. 2) It shall simultaneously be sent to the Regional Office of MOEF, the respective zonal office of CPCB and the KSPCB. The levels of PM_{10}, $PM_{2.5}$, SO_2, NOx, CO and HC (Methane) in ambient air shall be monitored and displayed at a covenant location near the main gate of the company and at important public places.	Compliance reports are uploaded in our company website www.shreebasaveshwarsugars.com Complied.
06	1) Company shall follow good management practices viz. collection of waste yeast sludge from fermentation section in a closed system and proper disposal, reduced volume of effluent by adopting strategic approaches. closed drains carrying spent wash 2) treatment units; minimization of fugitive emissions from anaerobic treatment; proper collection & handling of excess sludge generated from the anaerobic & aerobic treatment units; minimum retention of treated & untreated spent wash in the lagoons; and green belt development with suitable plantation in and around the treatment units to mitigate odour from the distillery unit.	Distillery to be commissioned. ETP installed and successfully operating.
07	Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery to avoid fugitive emissions.	Provided

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08	Total fresh water requirement from Krishna River/Almatti reservoir for – distillery and sugar along with cogeneration should not exceed 500m3/day and 1150 m3/day respectively. Prior permission for the drawl of 1650 m3/day water should be obtained from the concerned authority. Water consumption should be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process.	1) Distillery to be commissioned. 2) Krishna River water 1139 M3/day required for Sugar & co-generation 3) Stabled for Excess condensate reused for process.
09	The spent wash from molasses based distillery should be treated in bio - methanation followed by evaporation. Concentrated spent wash should be mixed with bagasse/biomass and then burnt as fuel in boiler to achieve 'Zero' discharge. Multi- effect evaporator should be installed The plant effluents consisting of washings, lees water and cooling water purge shall be treated in ETP No effluent shall be discharged outside theplantpremisesand'Zero'effluentdischarg econditionshallbemaintained. Spent wash shall be stored in impervious pucca lagoons with proper lining with HOPE and shall be kept in proper condition to prevent ground water pollution The storage of spent wash shall not exceed 5 days capacity.	Distillery to be commissioned.
10	Waste water generation from the sugar unit shall not exceed 100 liters per tons of cane crushed i.e.350m3/day. Effluent from sugar unit shall be treated in the effluent treatment plant (ETP). Water quality of treated effluent shall be monitored regularly. In any case, no waste water/treated effluent shall be discharged into river/natural stream. Domestic effluent shall be treated in treatment plant.	1) The waste water generation is normally less than 100 ltrs/ton of cane crushing and it is well within the norms. 2) We have installed ETP of capacity 1500 m^3/day 3) Treated water is used for irrigation & gardening in factory premises
11	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to SPCB and this Ministry_ The ground water quality monitoring for pH BOD, COD, Chloride, Sulphate and total dissolved solids shall	One bore well is provided at our factory premises to monitor the ground water.

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	be monitored. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bangalore and KSPCB.	
12	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Effluent water is handled in closed pipe line.
13	Bagasse storage shall be done in such a way that it does not get air borne or fly around due to wind. Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, become air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.	Bagasse conveyors are already provided with metal sheet (hood). We are putting shade nets to control the flying of bagasse. We have planted wind trees to avoid flying of bagasse.
14	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water Direct exposure of workers to fly ash & dust shall be avoided. Bagasse ash and coal ash shall be stored separately.	We directly dispatch boiler ash to bricks manufacturer.
15	Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.	Distillery to be commissioned. We have provided fire extinguishers at all necessary places.
16	Risk Assessment should be carried to assess the fire and explosion risk due to storage of alcohol arid report submitted to the Ministry and its Regional Office at Bangalore within six months.	Distillery to be commissioned.
17	Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center should be strengthened and the regular medical test records of each employee should be maintained separately.	Following continuously & training under progress.

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18	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Parking facility is provided for loading and unloading of material in the factory premises. Traffic Management System is continuously following.
19	As proposed, greenbelt over 33% of the total project area should be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Planted around 35 acres of land around the factory premise at boarder of cane yard, bagasse yard and both side of interior roads in the premises.
20	All the commitments made during the Public Hearing *I Public* Consultation meeting held on 25th May, 2013 should be satisfactorily implemented and adequate budget provision should be made accordingly.	Will be followed.
21	As proposed, an amount of Rs.20 Crores should be ear marked towards the Enterprise Social Commitment (ESC) for the Initial 5 years and thereafter 2% of the retain profits spent on CSR activities based on local needs and action plan with financial and physical breakup/details should be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.	We have spent total around Rs.1,52,00,000/-. and Budgeted around Rs.25,00,000/-.
22	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Project is completed and there are no temporary structures/sheds present in the premise.

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B. GENERAL CONDITIONS:-

Sl. No	Conditions	Compliance
01	The project authorities must strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) State Government and any other statutory authority.	Will be followed
02	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Will be followed
03	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Will be followed
04	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Will be followed
05	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules,1989 viz. 75 DBA (day time) and 70 DBA (night time).	Will be followed

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06	The Company shall harvest rain water from the roof tops of the buildings and storm water and use the same water for the process activities of the project to conserve fresh water.	Water collection pits are made ready to rain water harvesting.
07	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Training programme has been conducted and will be followed in future.
08	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Will be followed
09	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Already Carrying out & continuing
10	The company shall under take eco-developmental measures including community welfare measures in the project area for its overall improvement of the environment.	Will be followed
11	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be setup to carry out the Environmental Management and Monitoring functions.	Department is already established to look after.

Shree Basaveshwar Sugars Ltd. KARJOL 586108 (KARNATAKA)

12	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	Will be followed
13	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad / Municipal Corporation Urban local Body and the local NGO if any,from whom suggestions/representations, if any, were received while processing the proposal.	Copy has been sent.
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and KSPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Will be followed.
15	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Will be followed.
16	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry. Already advertisement has been and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be	Already advertisement has been published in Prajavani Kannada daily newspaper and Deccan Herald English daily newspaper.

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	advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
17	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	—

For Shree Basaveshwar Sugars Ltd

Shree Basaveshwar Sugars Ltd. KARJOL 586108 (KARNATAKA)

Authorised Signatory.

MSV Analytical Laboratories

(Certified by ISO 14001-2015, OHSAS18001-2007, ISO 9001-2015)

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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,
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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2023/2916 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Name of the location**	:	**Near Main Gate**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Particulars of the sample**	:	Sample collected with FDS GTI-131& RDS APM-460
5.	**Date of Sample Receipt**	:	25.02.2023
6.	**Analysis Starting Date**	:	26.02.2023
7.	**Analysis Completion Date**	:	28.02.2023

S. No	Parameter	Protocols	Units	Duration Of Monitoring	Results	NAAQ STANDARDS
1	Particulate Matter PM_{10}	IS-5182(Part-23) – 2006	µg / m³	24 hrs	91.40	100
2	Particulate Matter $PM_{2.5}$	IS-5182(Part-24) – 2019	µg / m³	24 hrs	45.07	60
3	Sulphur Dioxide as SO_x	IS-5182(Part-2) – 2001	µg / m³	24 hrs	6.18	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6) – 2006	µg / m³	24 hrs	11.72	80

INFERENCE	**As per NAAQS Standards** **Report Status :- The analyzed values for above measured parameter are within the limits**

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

MSV ANALYTICAL LABORATORIES BALLARI

-END OF REPORT-

Note : 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.
5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.

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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2023/2917 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Name of the location**	:	**Near Boiler Area**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Particulars of the sample**	:	Sample collected with FDS GTI-131& RDS APM-460
5.	**Date of Sample Receipt**	:	25.02.2023
6.	**Analysis Starting Date**	:	26.02.2023
7.	**Analysis Completion Date**	:	28.02.2023

S. No	Parameter	Protocols	Units	Duration Of Monitoring	Results	NAAQ STANDARDS
1	Particulate Matter PM_{10}	IS-5182(Part-23) – 2006	µg / m³	24 hrs	80.32	100
2	Particulate Matter $PM_{2.5}$	IS-5182(Part-24) – 2019	µg / m³	24 hrs	34.07	60
3	Sulphur Dioxide as SO_x	IS-5182(Part-2) – 2001	µg / m³	24 hrs	6.19	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6) – 2006	µg / m³	24 hrs	11.28	80

INFERENCE	**As per NAAQS Standards** **Report Status :- The analyzed values for above measured parameter are within the limits**

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2023/2918 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Name of the location**	:	**Near ETP Plant**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Particulars of the sample**	:	Sample collected with FDS GTI-131& RDS APM-460
5.	**Date of Sample Receipt**	:	25.02.2023
6.	**Analysis Starting Date**	:	26.02.2023
7.	**Analysis Completion Date**	:	28.02.2023

S. No	Parameter	Protocols	Units	Duration Of Monitoring	Results	NAAQ STANDARDS
1	Particulate Matter PM_{10}	IS-5182(Part-23) – 2006	µg / m³	24 hrs	73.65	100
2	Particulate Matter $PM_{2.5}$	IS-5182(Part-24) – 2019	µg / m³	24 hrs	30.01	60
3	Sulphur Dioxide as SO_x	IS-5182(Part-2) – 2001	µg / m³	24 hrs	5.80	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6) – 2006	µg / m³	24 hrs	10.37	80

INFERENCE	**As per NAAQS Standards** **Report Status :- The analyzed values for above measured parameter are within the limits**

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

-: END OF REPORT :-

MSV ANALYTICAL LABORATORIES BALLARI

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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2023/2919 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Name of the location**	:	**Near Office Area**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Particulars of the sample**	:	Sample collected with FDS GTI-131& RDS APM-460
5.	**Date of Sample Receipt**	:	25.02.2023
6.	**Analysis Starting Date**	:	26.02.2023
7.	**Analysis Completion Date**	:	28.02.2023

S. No	Parameter	Protocols	Units	Duration Of Monitoring	Results	NAAQ STANDARDS
1	Particulate Matter PM_{10}	IS-5182(Part-23) – 2006	µg / m³	24 hrs	60.91	100
2	Particulate Matter $PM_{2.5}$	IS-5182(Part-24) – 2019	µg / m³	24 hrs	24.05	60
3	Sulphur Dioxide as SO_x	IS-5182(Part-2) – 2001	µg / m³	24 hrs	5.21	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6) – 2006	µg / m³	24 hrs	10.12	80

INFERENCE	**As per NAAQS Standards** **Report Status :- The analyzed values for above measured parameter are within the limits**

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

MSV ANALYTICAL LABORATORIES BALLARI

:: END OF REPORT ::

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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com

MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMMISSION

Test Report No: MSVAL/2023/2920 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Stack ID**	:	**130 TPH Boiler**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Date of Sample Receipt**	:	25.02.2023
5.	**Analysis Starting Date**	:	26.02.2023
6.	**Analysis Completion Date**	:	28.02.2023
7.	**Particulars of sample**	:	Sample collected with GTI-121

GENERAL DETAILS

Date of Monitoring	25.02.2023
Fuel Used	Bagasse
Stack Temperature (°C)	139
Velocity (m/s)	8.20
Height (m)	82
Diameter (m)	2.35

RESULTS

Parameters	Protocol	Unit	Result	KSPCB Standards
Particulate Matter	IS-11255(Part1) - 1985	mg/Nm³	72.56	150
Sulphur dioxide	IS-11255(Part 2) - 1985	mg/Nm³	13.91	-
Nitrogen dioxide	IS-11255(Part 7) - 2005	mg/Nm³	28.40	-

INFERENCE	**As per KSPCB Standards** **Report Status: - The analyzed value for above measured parameter is within the limits.**

Analysed by

Authorized Signatory
B.Chinna Lingana Gouda
Chief executive of the laboratory

MSV ANALYTICAL LABORATORIES BALLARI

-: END OF REPORT :-

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(Certified by ISO 14001-2015, OHSAS18001-2007, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,
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AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No: MSVAL/2023/2921 **Report Issued Date: 01.03.2023**

1. **Name of the Project** : **M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2. **Sample Collected By** : MSV Analytical Laboratories
3. **Particulars of the sample collected** : Noise meter
4. **Date of Monitoring** : 25.02.2023
5. **Report Date** : 01.03.2023
6. **Method Adopted** : Instrument Manual Method

S.No	Sample Location	Time Frequency	RESULTS			KSPCB limits in dB(A) Leq
			L Min in dB(A)	L Max in dB(A)	Leq. in dB(A)	
Day Time						
1	Near Main Gate	10.20am to 10.35am	67.4	70.8	69.4	75 (6.00am to 10.00pm)
2	Near Boiler Area	10.50am to 11.05am	71.9	73.3	72.8	
3	Near ETP Plant	11.20am to 11.35am	62.8	66.1	64.6	
4	Near Office Area	11.45am to 12.00pm	59.4	63.1	61.5	

INFERENCE	As per KSPCB Standards, Report Status :- In the all locations Noise level is within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

MSV ANALYTICAL LABORATORIES BALLARI

-: END OF REPORT :-

Note : 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.
5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.

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MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No: MSVAL/2023/2922 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Sample Type**	:	**Treated water (ETP)**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Sample Quantity**	:	1 Liters
5.	**Particulars of Sample Collected**	:	Grab sample
6.	**Sample Description/Condition**	:	Good/satisfactory
7.	**Date of Sample Receipt**	:	25.02.2023
8.	**Analysis Starting date**	:	26.02.2023
9.	**Analysis Completion Date**	:	01.03.2023

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	Tolerance Limits As per KSPCB Consent
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	<5	-
2	Odor	IS : 3025(part-5)	-	Unobjectionable	-
3	pH @ 25^{0}C	APHA 23rd Edition-2017, 4500 H+, B	-	7.92	5.5 – 8.5
4	Bio-chemical Oxygen Demand (3 days at 27^{0}C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	72.0	100
5	Oil & Grease, Max	APHA 23rd Edition-2017, 5520 D	mg/L	<1.0	10
6	Total Suspended solids, Max	APHA 23rd Edition-2017, 2540 F	mg/L	30.0	100

INFERENCE	**As per KSPCB Consent Standards,** **Report Status: - The above measured parameters are within the permissible limits.**

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

END OF REPORT:-

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MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No: MSVAL/2023/2923 **Report Issued Date: 01.03.2023**

1.	**Name of the Project**	:	**M/s. Shree Basaveshwar Sugars Ltd., NH-218, Karjol Village, Tq/Dist : Vijayapur-586121**
2.	**Sample Type**	:	**Untreated water (ETP)**
3.	**Sample Collected By**	:	MSV Analytical Laboratories
4.	**Sample Quantity**	:	1 Liters
5.	**Particulars of Sample Collected**	:	Grab sample
6.	**Sample Description/Condition**	:	Good/satisfactory
7.	**Date of Sample Receipt**	:	25.02.2023
8.	**Analysis Starting date**	:	26.02.2023
9.	**Analysis Completion Date**	:	01.03.2023

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	Black
2	Odor	IS : 3025(part-5)	-	Foul
3	pH @ 25^0 C	APHA 23rd Edition-2017, 4500 H+, B	-	4.65
4	Bio-chemical Oxygen Demand (3 days at 27^{0}C)	IS-3025:1993(part 44) (RA 2009)	mg/L	974.0
5	Oil & Grease	APHA 23rd Edition-2017, 5520 D	mg/L	5.40
6	Total Suspended solids	APHA 23rd Edition-2017, 2540 F	mg/L	215.0

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

MSV ANALYTICAL LABORATORIES BALLARI

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