



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: TC720721000018409F

Issued Date: 27.11.2021

- | | | |
|--|---|--|
| 1. Name of the Project | : | M/s. Bilagi Sugar Mill Ltd., |
| 2. Name of the location | : | Badagandi Village, Dist : Bagalkot-587116 |
| 3. Sample Collected By | : | MSV Analytical Laboratories |
| 4. Particulars of the sample collected | : | Sample collected with RDS 460BL/Fine Particulate Sampler |
| 5. Date of Sample Receipt | : | 23.11.2021 |
| 6. Analysis Starting Date | : | 24.11.2021 |
| 7. Analysis Completion Date | : | 27.11.2021 |
| 8. Sample Tested as Received | : | |

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM10	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	84.25	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	38.61	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	5.19	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	10.24	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	2.04	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	BDL	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Ammonia-5 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³)

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

Verified by

[Signature]



Authorized Signature

[Signature]

- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO 14001:2015, ISO 22000:2018, ISO 45001:2018, 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 : 94488 03895, (0) : 08392-255169,

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



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No : TC720721000018410F

Issued Date: 27.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
2. Name of the location : Badagandi Village, Dist : Bagalkot-587116
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sample collected : Sample collected with RDS 4608L/Fine Particulate Sampler
5. Date of Sample Receipt : 23.11.2021
6. Analysis Starting Date : 24.11.2021
7. Analysis Completion Date : 27.11.2021
8. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM10	IS-5182(Part-23) - 2006	$\mu\text{g}/\text{m}^3$	24 hrs	80.17	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	$\mu\text{g}/\text{m}^3$	24 hrs	34.28	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	$\mu\text{g}/\text{m}^3$	24 hrs	4.95	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	$\mu\text{g}/\text{m}^3$	24 hrs	10.02	80
5	Ozone as O ₃	IS 5182(part-9)1974	$\mu\text{g}/\text{m}^3$	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	$\mu\text{g}/\text{m}^3$	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m^3	1 hrs	1.68	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	$\mu\text{g}/\text{m}^3$	24 hrs	BDL	400
9	Benzene as C ₆ H ₆	IS-5182(part 11) - 2006	$\mu\text{g}/\text{m}^3$	8 hrs	BDL	5
10	Benzo (a) Pyrene (BaP)	CPCB Procedure	ng/m^3	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m^3	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m^3	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 $\mu\text{g}/\text{m}^3$, Lead-0.04 $\mu\text{g}/\text{m}^3$, Ammonia-5 $\mu\text{g}/\text{m}^3$, Benzene-3.6 $\mu\text{g}/\text{m}^3$, Benzo (a) Pyrene [BaP]-0.1 ng/m^3 , Arsenic-3.3 ng/m^3 , Nickel-10 ng/m^3 , Carbon Monoxide-1.5 mg/m^3)

INFERENCE

As per NAAQ Standards

Report Status : - The analyzed value for above measured parameter is within the limits

Verified by

Ramesh



Authorized Signature

Singam

Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days. Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO 14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (01) : 08392-255169,

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



MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No : TC720721000018411F

Issued Date: 27.11.2021

- | | | |
|--|---|--|
| 1. Name of the Project | : | M/s. Bilagi Sugar Mill Ltd., |
| 2. Name of the location | : | Badagandi Village, Dist : Bagalkot-587116 |
| 3. Sample Collected By | : | MSV Analytical Laboratories |
| 4. Particulars of the sample collected | : | Sample collected with RDS 4608L/Fine Particulate Sampler |
| 5. Date of Sample Receipt | : | 23.11.2021 |
| 6. Analysis Starting Date | : | 24.11.2021 |
| 7. Analysis Completion Date | : | 27.11.2021 |
| 8. Sample Tested as Received | : | |

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM10	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	76.32	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	31.59	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	4.71	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	9.55	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	1.50	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	BDL	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (a) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, SO_x 5 µg/m³, Lead-0.04 µg/m³, Ammonia-5 µg/m³, Benzene-3.0 µg/m³, Benzo (a) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³

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

Verified by

[Signature]

Authorized Signature

[Signature]



Note : 1. The results listed only to the tested samples & applicable parameters.

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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)

Sanganakalle Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,

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



MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No : TC720721000018412F

Issued Date: 27.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Name of the location : 160 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sample collected : Stack Sampler
5. Date of Sample Receipt : 23.11.2021
6. Analysis Starting Date : 24.11.2021
7. Analysis Completion Date : 27.11.2021
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	23.11.2021
Fuel Used	Bagasse
Stack Temperature (°C)	136
Velocity (m/s)	7.78
Height (m)	85
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	122.8	150

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

Verified by

[Signature]

Authorized Signature

[Signature]



Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days. Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No : TC720721000018413F

Issued Date: 27.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Name of the location : 55 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sample collected : Stack Sampler
5. Date of Sample Receipt : 23.11.2021
6. Analysis Starting Date : 24.11.2021
7. Analysis Completion Date : 27.11.2021
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	23.11.2021
Fuel Used	Bagasse
Stack Temperature ($^{\circ}$ C)	142
Velocity (m/s)	7.94
Height (m)	55
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	130.7	150

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

Verified by

Ramesh

Authorized Signature

Singar C. S.



Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days. Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: : TC720721000018414F

Issued Date: 27.11.2021

- | | | |
|--|---|---|
| 1. Name of the Project | : | M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116 |
| 2. Sample Collected By | : | MSV Analytical Laboratories |
| 3. Particulars of the sample collected | : | Noise meter |
| 4. Date of Monitoring | : | 23.11.2021 |
| 5. Report Date | : | 27.11.2021 |
| 6. Method Adopted | : | Instrument Manual Method |

S.No	Sample Location	Time Frequency	RESULTS			KSPCB limits in dB(A) Leq
			Min in dB(A) Leq	Max in dB(A) Leq	Avg. in dB(A) Leq	
Day Time						
1	Near Turbine Hall	10.30am to 10.45am	68.6	71.2	69.9	75 (6.00am to 10.00pm)
2	Old Turbine Hall	11.40am to 11.55am	62.9	65.4	64.2	

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

Verified by

[Signature]

Authorized Signature

[Signature]



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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No.: TC720721000018415F

Issue Date: 27.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Sample Type : Treated water (ETP)
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 23.11.2021
7. Analysis Starting date : 24.11.2021
8. Analysis Completion Date : 27.11.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	TOLERANCE LIMITS AS PER KSPCB CONSENT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	Colourless	-
2	Odor	IS : 3025(Part-5)	-	Odourless	-
3	pH @ 25 ^o C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	7.42	5.5-8.5
4	Oil & Grease, Max	APHA 23 rd Edition-2017, 5520 D	mg/L	BDL	10
5	Bio-chemical Oxygen Demand (3 days at 27 ^o C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	68.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1360.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	28.0	100
8	Sulphate as SO ₄	IS : 3025(part-24)	mg/L	72.5	-

BDL: Below detectable limit, (Oil & Grease – 1.0 mg/L)

INFERENCE

As per KSPCB Consent,

Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

Ramesh

Authorized Signature

Dhyan Chandra



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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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)

Sanganakalle Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94488 03895, (O) : 08392-255169,

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



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No.: TC720721000018416F

Issue Date: 27.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Sample Type : Untreated water (ETP)
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 23.11.2021
7. Analysis Starting date : 24.11.2021
8. Analysis Completion Date : 27.11.2021
9. Sample Tested as Received

RESULTS

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° C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	4.28
4	Oil & Grease	APHA 23 rd Edition-2017, 5520 D	mg/L	4.0
5	Bio-chemical Oxygen Demand (3 days at 27°C)	IS-3025:1993(part 44) (RA 2009)	mg/L	2120.0
6	Total Dissolved solids	APHA 23 rd Edition-2017, 2540 C	mg/L	2950.0
7	Total Suspended solids	APHA 23 rd Edition-2017, 2540 F	mg/L	180.0

Verified by

Authorized Signature



Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months 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 Ballari Jurisdiction only.
5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an asterisk are not accredited by NABL.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



TC-7207

MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No.: TC720721000018417F

Issue Date: 06.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Sample Type : Treated water (ETP)
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 02.11.2021
7. Analysis Starting date : 03.11.2021
8. Analysis Completion Date : 06.11.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	TOLERANCE LIMITS AS PER KSPCB CONSENT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	Colourless	-
2	Odor	IS : 3025(Part-5)	-	Odourless	-
3	pH @ 25°C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	7.32	5.5-8.5
4	Oil & Grease, Max	APHA 23 rd Edition-2017, 5520 D	mg/L	BDL	10
5	Bio-chemical Oxygen Demand (3 days at 27°C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	76.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1510.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	62.0	100
8	Sulphate as SO ₄	IS : 3025(part-24)	mg/L	86.2	-

BDL: Below detectable limit, { Oil & Grease - 1.0 mg/L }

INFERENCE

As per KSPCB Consent,

Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

Ramesh



Authorized Signature

Kangan C.P. M.

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (D) : 08392-255169,

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



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No.: TC720721000018418F

Issue Date: 12.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Sample Type : Treated water (ETP)
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 08.11.2021
7. Analysis Starting date : 09.11.2021
8. Analysis Completion Date : 12.11.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	TOLERANCE LIMITS AS PER KSPCB CONSENT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	Colourless	-
2	Odor	IS : 3025(Part-5)	-	Odourless	-
3	pH @ 25 ^o C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	7.56	5.5-8.5
4	Oil & Grease, Max	APHA 23 rd Edition-2017, 5520 D	mg/L	BDL	10
5	Bio-chemical Oxygen Demand (3 days at 27 ^o C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	70.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1490.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	58.0	100
8	Sulphate as SO ₄	IS : 3025(part-24)	mg/L	69.5	-

BDL: Below detectable limit, (Oil & Grease - 1.0 mg/L)

INFERENCE

As per KSPCB Consent,

Report Status: - The analyzed values for above measured parameters are within the limits.

Verified by

Authorized Signature



Note: 1. The results listed only to the tested samples & applicable parameters,

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months 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 Ballari 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.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, 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, (O) : 08392-255169,

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



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No: TC720721000018419F

Issue Date: 20.11.2021

1. Name of the Project : M/s. Bilagi Sugar Mill Ltd.,
Badagandi Village, Dist : Bagalkot-587116
2. Sample Type : Treated water (ETP)
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 16.11.2021
7. Analysis Starting date : 17.11.2021
8. Analysis Completion Date : 20.11.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT	TOLERANCE LIMITS AS PER KSPCB CONSENT
1	Color	IS : 3025(part-4) : 1983 (RA 2017)	Hazen	Colourless	-
2	Odor	IS : 3025(Part-5)	-	Odourless	-
3	pH @ 25 ^o C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	7.15	5.5-8.5
4	Oil & Grease, Max	APHA 23 rd Edition-2017, 5520 D	mg/L	BDL	10
5	Bio-chemical Oxygen Demand (3 days at 27 ^o C), Max	IS-3025:1993(part 44) (RA 2009)	mg/L	80.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1560.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	80.0	100
8	Sulphate as SO ₄	IS :3025(part-24)	mg/L	64.2	-

BDL: Below detectable limit, (Oil & Grease – 1.0 mg/L)

INFERENCE

As per KSPCB Consent,

Report Status:- The analyzed values for above measured parameters are within the limits.

Verified by

Ramesh



Authorized Signature

Lingam

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 Ballari 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.