



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986

(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. 895/A/32/B1, Block No 10 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Bellary - 583103 **Contact No :** Mob : 94496 03895, (0) : 08392-255189,

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com **Website :** www.msvalbellary.com

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2022/1594

Issued Date: 16.02.2022

1.	Name of the Project	:	M/s. Bilagi Sugar Mill Ltd., Badagandi Village, Dist : Bagalkot-587116
2.	Name of the location	:	Near Main Gate
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	:	12.02.2022
6.	Analysis Starting Date	:	13.02.2022
7.	Analysis Completion Date	:	16.02.2022
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	81.59	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	37.02	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	24 hrs	5.15	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	10.42	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	1.75	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, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Ammonia-5 µg/m³, Benzene-3.6 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

Ramesh



Authorized Signature

Sanjay K. N.

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. L.C 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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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2022/1595

Issued Date: 16.02.2022

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 : Near Civil Office
4. Particulars of the sample collected : MSV Analytical Laboratories
5. Date of Sample Receipt : Sample collected with RDS 460BL/Fine
6. Analysis Starting Date : Particulate Sampler
7. Analysis Completion Date : 12.02.2022
8. Sample Tested as Received : 13.02.2022

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	76.33	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	28.51	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	5.20	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	10.17	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	1.42	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, BDL(Ozone)-5 µg/m³, Lead-0.04 µg/m³, Ammonia-5 µg/m³, Benzene-3.6 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

Ramesh

Authorized Signature

Kavya



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. LC sample will be destroyed after 1 month from the date of test certificate issue.

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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com **Website :** www.msvbellary.com

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2022/1596

Issued Date: 16.02.2022

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	:	12.02.2022
6.	Analysis Starting Date	:	13.02.2022
7.	Analysis Completion Date	:	16.02.2022
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	69.25	100
2	Particulate Matter PM2.5	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	$\mu\text{g}/\text{m}^3$	24 hrs	20.18	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	$\mu\text{g}/\text{m}^3$	24 hrs	4.90	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	$\mu\text{g}/\text{m}^3$	24 hrs	9.74	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	1.20	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/05, 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-3.5 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

Long C. M.

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

2. Water sample 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.

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



TC-7207

MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC7207220000004241F

Issued Date: 16.02.2022

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 : 12.02.2022
6. Analysis Starting Date : 13.02.2022
7. Analysis Completion Date : 16.02.2022
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	12.02.2022
Fuel Used	Bagasse
Stack Temperature (°C)	139
Velocity (m/s)	7.81
Height (m)	85
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	127.9	150

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

Ramesh

Authorized Signature

Kenger K.L.N



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.
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TC-7207

MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720722000004242F

Issued Date: 16.02.2022

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 : 12.02.2022
6. Analysis Starting Date : 13.02.2022
7. Analysis Completion Date : 16.02.2022
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	12.02.2022
Fuel Used	Bagasse
Stack Temperature ($^{\circ}$ C)	139
Velocity (m/s)	7.81
Height (m)	85
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	240.0	150

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

Verified by

Ramesh

Authorized Signature

Angus U. N.



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

2. Water samples will be destroyed after 15 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.

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MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720722000004243F

Issued Date: 16.02.2022

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 : 12.02.2022
6. Analysis Starting Date : 13.02.2022
7. Analysis Completion Date : 16.02.2022
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	12.02.2022
Fuel Used	Bagasse
Stack Temperature ($^{\circ}$ C)	132
Velocity (m/s)	8.03
Height (m)	55
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	108.2	150

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

Ramesh

Authorized Signature

Ramesh



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.

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MSVAL/A/F/18/03

ANALYSIS REPORT FOR SOURCE EMISSION

Test Report No: TC720722000004244F

Issued Date: 16.02.2022

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 : 12.02.2022
6. Analysis Starting Date : 13.02.2022
7. Analysis Completion Date : 16.02.2022
8. Sample Tested as Received

GENERAL DETAILS

Date of Monitoring	12.02.2022
Fuel Used	Bagasse
Stack Temperature ($^{\circ}$ C)	132
Velocity (m/s)	8.03
Height (m)	55
Diameter (m)	3.0

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULT	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1) - 1985	mg/Nm ³	192.0	150

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

Verified by

Samuel



Authorized Signature

Longer L. 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.

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MSVAL/A/F/17/04

NOISE LEVEL MONITORING REPORT

Test Report No: TC7207220000004245F

Issued Date: 16.02.2022

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 : 12.02.2022
5. Report Date : 16.02.2022
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	01.50pm to 02.05pm	70.4	73.6	72.0	75 (6.00am to 10.00pm)
2	Old Turbine Hall	02.30pm to 02.45pm	67.1	71.9	69.5	

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

Verified by

Ramesh

Authorized Signature

Devgan Ch.



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.

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MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No:TC7207220000004246F

Issue Date: 16.02.2022

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 : 12.02.2022
7. Analysis Starting date : 13.02.2022
8. Analysis Completion Date : 16.02.2022
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	-	6.96	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	86.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1520.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	48.0	100
8	Sulphate as SO ₄	IS :3025(part-24)	mg/L	110.3	-

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.
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Verified by

Ramesh

Authorized Signature

[Signature]



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

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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

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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)

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

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



MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No:TC7207220000004247F

Issue Date: 16.02.2022

- | | | |
|------------------------------------|---|---|
| 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 | : | 12.02.2022 |
| 7. Analysis Starting date | : | 13.02.2022 |
| 8. Analysis Completion Date | : | 16.02.2022 |
| 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 ^o C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	4.70
4	Oil & Grease	APHA 23 rd Edition-2017, 5520 D	mg/L	4.0
5	Bio-chemical Oxygen Demand (3 days at 27 ^o C)	IS-3025:1993(part 44) (RA 2009)	mg/L	1200.0
6	Total Dissolved solids	APHA 23 rd Edition-2017, 2540 C	mg/L	3272.0
7	Total Suspended solids	APHA 23 rd Edition-2017, 2540 F	mg/L	156.0

Verified by

Ramul

Authorized Signature

Large C. A.



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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:TC7207220000004248F

Issue Date: 08.02.2022

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 : 05.02.2022
7. Analysis Starting date : 05.02.2022
8. Analysis Completion Date : 08.02.2022
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	-	7.10	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	74.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1380.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	52.0	100
8	Sulphate as SO ₄	IS :3025(part-24)	mg/L	94.15	-

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

Sanjay K. S.



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.

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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:TC720722000004249F

Issue Date: 21.02.2022

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 : 17.02.2022
7. Analysis Starting date : 18.02.2022
8. Analysis Completion Date : 21.02.2022
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 1917)	Hazen	Colourless	-
2	Odor	IS : 3025(Part-5)	-	Odourless	-
3	pH @ 25° C	APHA 23 rd Edition-2017, 4500 H ⁺ , B	-	6.65	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	80.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1740.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	66.0	100
8	Sulphate as SO ₄	IS :3025(part-24)	mg/L	122.4	-

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

Harish Chandra



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.

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TC-7207

MSVAL/A/F/14/03

ANALYSIS REPORT OF WASTE WATER QUALITY

Test Report No:TC7207220000004250F

Issue Date: 25.02.2022

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 : 21.02.2022
7. Analysis Starting date : 22.02.2022
8. Analysis Completion Date : 25.02.2022
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	-	7.36	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	92.0	100
6	Total Dissolved solids, Max	APHA 23 rd Edition-2017, 2540 C	mg/L	1885.0	2100
7	Total Suspended solids, Max	APHA 23 rd Edition-2017, 2540 F	mg/L	72.0	100
8	Sulphate as SO ₄	IS:3025(part-24)	mg/L	142.6	-

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

Aravind



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