

Bihar Distillers & Bottlers (P) Ltd.

Ref: BDBPL/BSPCB/2024-2025/04

Date: 17th Dec 2024

To,
The Member Secretary,
Bihar State Pollution Control Board,
Parivesh Bhawan, Plot No. NS- B/2
Paliputra Industrial Area, Patliputra, Patna (Bihar) – 800010

Subject: Regarding submission of Environmental Clearance Compliance report and CTO compliance report of Bihar Distillers & Bottlers Pvt. Ltd., Village Devri, District Ara (Bhojpur), Bihar.

Reference: Environmental Clearance vide File No- J-11011/98/2012-IA-II (I) dated on 1st May 2014, Extension in Environmental Clearance vide File No- IA-J-11011/98/2012-IA-II (I) dated 06 May 2021 and MOEFCC Environmental Clearance letter No. J-11011/98/2012-IA II (I) & EC identification No. EC22A060BR137570 dated 17.10.2022.

Respected Sir/ Madam,

With respect to above subject and reference we are hereby submitting the Environmental Clearance Compliance report & CTO Compliance report from April 2024 to Sept. 2024 of Bihar Distillers and Bottlers Pvt. Ltd.

We hope that you shall find the above in order.

Thanking you.

Yours truly,

Bihar Distillers & Bottlers Pvt. Ltd.,

(Authorized Signatory)

Enclosure:

- 1. Compliance report EC- 1320KL Annexure A
- 2. CTO Compliance report 250 KLPD Plant (ENA)- Annexure A & B
- 3. CTO Compliance report 600 KLPD Plant (Ethanol)-Annexure A & B

A Subsidiary of : CHANDIGARH DISTILLERS & BOTTLERS LTD.

	Bihar Distillers & Bot	tlers Pvt. Ltd.
Six Mo	onthly Compliance Report of Emission Consent O Co- generation Por	order for 600 KLPD Ethanol Plant & 14.2 MW wer Plant
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & control of Pollution) Act, 1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986, provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring its emission(s) and the ambient air quality at designated points regularly and maintaining its quality in conformity with Board's standards.
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, the unit shall operate its air pollution control device (ESP) regularly and shall maintain the emission standard;	Being Complied: The Company is operating its air pollution control device i.e. Electrostatic Precipitator (ESP) regularly and maintaining the emission standard.
6	That, the unit shall develop pucca roads inside the premises within 3 months;	Being Complied: The roads inside the premises have been constructed.
7	That, they shall ensure installation/function of following online monitoring system: Online Emission Monitoring System: a) Distillery having dedicated boilers shall provide online continuous stack emission monitoring system at the designated out let point (as specified by SPCB) for the boiler stack with required real time data logging and data transmission facility to SPCB and CPCB for the Particulate Matter (PM) parameter. The	a) Being Complied: The Company has provided online continuous stack emission monitoring system at the designated out let point (as specified by SPCB) for the boiler stack with required real time data logging and data transmission facility to SPCB and CPCB for the Particulate Matter (PM) parameter.



	 Emission regulation Part-III document of CPCB; b) That, continuous online 24x7) monitoring system installed for emission shall be continued and maintained Data to be uploaded on company's website and provided to the CPCB/SPCB server; 	b) Being Complied: Continuous online (24x7) monitoring system has been installed for emission.
8	That, rice husk shall be stored in covered shed in such a way that it does not get air borne or fly around due to wind;	Being Complied: Presently, the fuel feeding points at the boilers have been covered from where the daily requirement of husk is being met. Also, the boilers fuel conveyers have been covered to avoid husk getting air borne. The company had covered the rice husk stock with durable mesh in the storage areas to prevent it from getting air borne.
9	That, they shall ensure adequate air pollution control devices (APCD-ESP/Bagfilter) to meet the boiler stack emission to be within prescribed limit;	Being Complied: ESPs have been provided along with stacks of adequate height with the existing AFBC boilers which are using rice husk/coal/wood chips as fuel. The emissions are always well within the prescribed limit.
10	That, the emission of particulate matter (PM) from boiler stack shall be maximum 50mg/Nm³;	Being Complied: The emissions are always well within limit of 50 mg/Nm3. (See monitoring report by NABL as Annexure – A1)
11	That, the height of stack shall be ensured minimum of 30 meters or, as per the formula H=14 (Q) ⁰ ³ , whichever is more, where "H" is the height of stack in meters and "Q" is the maximum quantity of SO ₂ expected to be emitted in kg/hr through the stack at 100 percent rated capacity of the plant and calculated as per the norms of gaseous emission;	Being Complied: Adequate height of Stacks have been provided for both the AFBCs boilers and gaseous emissions are well within the stipulated norms.
12	That, dust material/ash collected in APCD shall be disposed in proper manner and it shall not be disposed off on road side outside the campus. They shall submit ash disposal and management plan to the Board within 3 months;	Being Complied: The Company has entered into an agreement with Ash lifting Contractor who is supplying fly ash generated from the boilers to the nearby villages of Barap, Balligaon, Kahen, Dulhiganj, Karup for brick manufacturing/ paver tiles manufacturing, in covered vehicles.
13	That, they shall submit ambient air quality (AAQ) monitoring report quarterly and the locations of ambient air quality monitoring stations shall be decided in consultation with the BSPCB 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;	Being Complied: The Company is monitoring ambient air quality (AAQ) on quarterly basis through NABL certified lab, and the results are being submitted on regular basis. The locations for ambient air quality monitoring stations had been decided in consultation with the Bihar State Pollution Control Board (BSPCB). (See monitoring report by NABL and approval copy of locations by BSPCB as annexure –A2& A3 respectively.)

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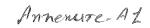


14	That, ambient air quality (including noise) shall be carried out regularly as per CPCB norms/under the Rules/EC and reports shall be submitted to the Board & MOEF & CC, accordingly;	Being Complied: The, ambient air quality (including noise) is being monitored on regular basis and reports have submitted to the Board & MoEF & CC. (See self monitoring report of ambient air quality and ambient noise level as annexure A4 and A5 respectively).
15	 That, they shall comply with the following as under: The unit shall submit monitoring report of benzene parameter with other VOCs in 'Indoor Ambient Air' of distillation section, ethanol storage and its loading/unloading area, They shall also submit monitoring report of benzene parameter with other in 'Ambient Air' of distillery unit; and These monitoring shall be done quarterly and report shall be submitted to the Board accordingly; 	 Being Complied: The Company is monitoring benzene parameter with other VOCs in 'Indoor Ambient Air' of distillation section, ethanol storage and its loading/unloading area. (See monitoring report as Annexure A6) The Company is also monitoring benzene parameter with other in 'Ambient Air' of distillery unit The Monitoring is being done on quarterly basis and reports being submitted.
16	That, proper management of fermentation house, no longer retention of fermented wash etc to avoid generation of putrefying microorganism shall be practiced to control odour problems and to protect nearby school/local ecology of the area;	Being Complied: Proper management of fermentation house has been provided to avoid generation of putrefying microorganism and odour problems.
17	That, they should ensure good housekeeping including road dust collection, regular mechanical sweeping, water sprinkling etc and maintain a log book in this regard;	Being Complied: The Company is ensuring good housekeeping including road dust collection and water sprinkling etc, and maintaining log book too.
18	That, diesel generating sets (DG Sets), if any; as source of backup power should be provided with an integral acoustic enclosure and the maximum permissible sound pressure level for new D G set shall be 75 dB(A) at 1 meter from the enclosure surface. The height of exhaust of DG sets should be as: Exhaust Stack Height formula:- (Ht of Building in meter + 0.2√ (kVA) m; it should be installed on pucca base with anti vibration pads;	Being Complied: One DG set of 1000 kVA capacity had been earlier installed for back-up purposes but is not in use, as back-up power from Grid is available. However, enclosure for DG has been provided & stack of adequate height has been installed. Captive power requirement is being met from the turbine.
19	That, they shall ensure all possible measures to be implemented to control noise pollution and the ambient noise levels should conform to the standards prescribed under the Noise Pollution (Regulation and Control) Rules, 2000, as amended to date viz. 75 dB (A) during day time and 70 dB (A) during night time.	Being Complied: The overall noise levels in and around the plant area have been kept well within the standards by providing noise control measures. The ambient noise levels are well within the standards prescribed i.e. 75 dBA (day time) and 70 dBA (night time). (See monitoring report as annexure –A7).
20	That, massive tree plantation shall be done in compliance of EC Condition and to improve ecology of the surroundings specially to minimize fugitive dust in the ambient air;	Being Complied: The Company has already initiated the action for greenbelt densification @2500 trees per hectares by planting various species of trees within the project area, although the desired plantation on 33% of the project area as per greenbelt development requirements had been fulfilled.



21	That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31 st March, shall be submitted by the month of September every year;	Being Complied: Last environmental statement for the period ending 31st March 2024 has been submitted to State Pollution Control Board vide letter dated 18 Sept. 2024.
22	That, they shall comply with the provisions (whichever applicable) of the Solid Waste Management Rules, 2016. Separate wet and dry bins must be provided and segregation of dry waste (in blue bin) wet waste (in green bin) and domestic hazardous waste (in black bin) must be ensure, wet waste must be composted inside the premises and dry & domestic hazardous waste shall be handed over to the local body. Non-biodegradable waste and dry waste like rejected corrugated cardboard; waste paper etc may be handed over to the recyclers registered with Bihar State Pollution Control Board;	Being Complied: Separate wet and dry bins have been provided and segregation of dry waste (in blue bin) wet waste (in green bin) and domestic hazardous waste (in black bin) being ensured.
23	That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;	Being Complied: Provisions has been made for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises.
24	That, overall compliance report of CTO conditions shall be submitted half yearly to the Board;	Noted.
25	That, notwithstand any thing stated above; the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under;	Noted and being adhered.
26	That, this CTO is granted on basis of undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked at proponent's risk and cost and legal action shall be initiated;	Noted.

Thomas





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CONSULTING RESOLVING TRAINING

Head Office:

122-C, Aastha, Road No. 5A,

Patliputra Colony, Patna – 800 013 (Bihar) Contact us: +918676886249

Email: coo@shivatesthouse.in cao@shivatesthouse.in

+919431047908

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OMSHIVA TEST HOUSE PVT LTD

STH/24/07/108

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/108

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling

IS 11255 (Part-1,2,3 & 7)

Énv. Condition

Temp.

32 °C Humidity 64%

Instrument ID

Container

Sample Quantity &

STH/Equip/53

Sample Collected by

60 ml; Thimble & Sample Glass Carriage Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168 14.08.2024

Stack Emission

Boiler 52 TPH

Analysis Details:

Sample Code

Analysis Start Date

STH/24/07/108 09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis As per request

Items required to be Tested Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

	Parameters	Unit	Method of Test	Resu	lte
1.	Type of Fuel			RICE H	
2.	Stack Connected to			Boiler (52	
3.	Stack No.			201101 (01	- 11 11/
4.	Height of Stack (as reported)	Meter	_	55.00	M
5.	Dia. of Stack at Top (as reported)	Meter		3.43	
6.	Material of Construction	And and law		RC0	
7.	Ambient Temperature	°C		32.0	
8.	Flue Gas Temperature	οС		135.	
ે તૃ	Velocity	m/sec.	IS 11255 (Part-3)	7.7	
10.	Volumetric Flow Rate	NM³/hr.		18710	
11.	Sampling Point	Meter		22,0	
				Limit as per E(P) Rules	Concentration
12.	Particulate Matter (P.M.)	mg / NM³	IS 11255 (Part-1)	250.00 mg / NM ³	27.8
13.	Sulphur Dioxide (SO ₂)	mg / NM³	IS 11255 (Part-2)	Not Specified	9.8
14.	Oxides of Nitrogen (NOx)	mg//NM³	IS 11255 (Part-7)	Not Specified	28.7

Reviewed by:

Authorized Signatory : Abhishek Kumar, Sec. I/c (Air Proximate)

---- END OF REPORT -----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













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Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908 Email: coo@shivatesthouse.in

cao@shivatesthouse.in





Annexure-A1

STH/24/07/109

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/109

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling

IS 11255 (Part-1,2,3 & 7)

Énv. Condition Instrument ID

Temp.

32 °C

STH/Equip/53

Sample Quantity &

Container Sample Collected by

60 ml; Thimble & Sample Glass Carriage Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168 14.08.2024

Stack Emission

STH/24/07/109

Boiler 95 TPH

Analysis Details:

Sample Code

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis As per request

Items required to be Tested Any Specific Test Method

ST HOUS

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Parameters	Unit	Method of Test	Resu	ılts
Type of Fuel			RICE H	
2. Stack Connected to			Boiler (9	
3. Stack No.			1	<i>-</i>
4. Height of Stack (as reported)	Meter		55.0	M
5. Dia. of Stack at Top (as reported)	Meter		2.51	
6. Material of Construction			RC	
7. Ambient Temperature	°C	1	32.0	
8. Flue Gas Temperature	°C		137.	
9. Velocity	m/sec.	IS 11255 (Part-3)	7.4	
0. Volumetric Flow Rate	NM³/hr.		9439	
11. Sampling Point	Meter		22.0	
			Limit as per E(P)	
	-		Rules	Concentration
12. Particulate Matter (P.M.)	mg / NM³	IS 11255 (Part-1)	250.00 mg / NM ³	32.4
13. Sulphur Dioxide (SO ₂)	mg / NM³	IS 11255 (Part-2)	Not Specified	11.2
Oxides of Nitrogen (NOx)	mg / NM³	IS 11255 (Part-7)	Not Specified	37.0
				07.0

Reviewed by:

Authorized Signatory: Abhishek Kumar, Sec. I/c (Air Proximate)

AhlShekkumo

---- END OF REPORT -----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













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Head Office:

122-C, Aastha, Road No. 5A.

Patliputra Colony, Patna – 800 013 (Bihar) Contact us: +918676886249

Email: coo@shivatesthouse.in cao@shivatesthouse.in

+919431047908

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OMSHIVA TEST HOUSE PVT LTD STH/24/07/110

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TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/110

Date of Sampling

08.07.2024 09.07.2024

Sample Received on Method of Sampling

IS 11255 (Part-1,2,3 & 7)

nv. Condition

Temp.

STH/Equip/53

32.0C

Humidity

64%

Instrument ID

Container

Sample Quantity &

60 ml; Thimble & Sample Glass Carriage

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

Stack Emission DG Set 1000 KVA

W.O No.:

3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/110

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

ST HOUS

'atliputra Colon

80(V)

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

	Parameters	Unit	Method of Test	Resu	Its
1.	Type of Fuel			HSI)
2.	Stack Connected to			DG Set 1000 KVA (Sl. N. RB30492	Cummins Make,
3.	Stack No.			111	310011000)
4.	Height of Stack (as reported)	Meter		5.0 M	Л
5.	Dia. of Stack at Top (as reported)	Meter		0.15	
6.	Material of Construction			M.S	
7.	Ambient Temperature	°C		31.0	
	Flue Gas Temperature	°C		142.	
٩.	Velocity	m/sec.	IS 11255 (Part-3)	7.6	
10.	Volumetric Flow Rate	NM³/hr.		349.	
11.	Sampling Point	Meter		Top of Ex	
				Limit as per E(P) Rules	Concentration
	Particulate Matter (P.M.)	mg / NM³	IS 11255 (Part-1)	75.00 mg / Nm ³	28.9
	Sulphur Dioxide (SO ₂)	mg / NM³	IS 11255 (Part-2)	Not Specified	13.3
	Oxides of Nitrogen (NOx)	mg / NM³	IS 11255 (Part-7)	710.00 mg / Nm ³	157.7
* : Er	mission Standards for Diesel Engines	for Power Plant,	Generator Set Application	on and other Requiren	nents

Reviewed by:

Authorized Signatory: Abhishek Kumar, Sec. I/c (Air Proximate)

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----













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Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908 Email: coo@shivatesthouse.in

cao@shivatesthouse.in



TEST REPORT

OMSHIVA TEST HOUSE PVT LTD

STH/24/07/105

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/105

Date of Sampling

08.07.2024

Sample Received on Method of Sampling

09.07.2024

∠nv. Condition

IS 5182 (Part - 14)

Instrument ID

Temp. 32 °C

Sample Quantity &

STH/Equip/64, 41

Container

30 ml x 6 for each (NO2, SO2); Filter Paper & Sample Carriage Bottle

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

AAQ (As per NAAQS)

Location of Sampling:

Near Main Gate

W.O No.:

3400004168

Amerure-AZ

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/105

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Parameters	Unit	Method of Test	Limit as per NAAQS 2009	Results
 Particulate Matter (PM₁₀) 	μg / m³	IS 5182 (Part-23)	100	65.1
2. Particulate Matter (PM _{2.5})	μg / m³	IS 5182 (Part-24)	60	37.6
3. Sulphur Dioxide as SO ₂	μg / m³	IS 5182 (Part-2)	80	13.8
4. Nitrogen Dioxide as NO ₂	μg / m³	IS 5182 (Part-6)	80	31.6
5. Ozone (O ₃)	μg / m³	IS 5182 (Part-9)	180	41.5
6. Ammonia as NH₃	μg / m ³	IS 5182 (Part-25)	400	17.3
7. Carbon Monoxide (CO)	mg/m³	IS 5182 (Part-10)	4 mg / m ³	0.54
ತ. Benzene (C ₆ H ₆)	μg / m³	IS 5182 (Part-11)	5 μg / m ³	0.11



Reviewed by:

Ahlekkumar

Authorized Signatory: Abhishek Kumar, Sec. I/c (Air Proximate)

Authorized Signatory: H.N. Jha, Sec. I/c (Residue)

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----













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Head Office:

122-C, Aastha, Road No. 5A,

Patliputra Colony, Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

OMSHIVA TEST HOUSE PVT LTD

Annewse-A2

STH/24/07/106

AAQ (As per NAAOS)

Near Boiler Section

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/106

Date of Sampling

08.07.2024

Sample Received on

09.07.2024 ,

"lethod of Sampling Énv. Condition

IS 5182 (Part - 14)

Instrument ID

Container

Temp.

32°C

Humidity

64%

STH/Equip/64, 42

Sample Quantity &

30 ml x 6 for each (NO2, SO2); Filter Paper

& Sample Carriage Bottle

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168

14.08.2024

Analysis Details:

Sample Code

STH/24/07/106

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Parameters	Unit	Method of Test	Limit as per NAAQS 2009	Results
1. Particulate Matter (PM ₁₀)	μg / m³	IS 5182 (Part-23)	100	70.8
2. Particulate Matter (PM _{2.5})	μg / m³	IS 5182 (Part-24)	60	38.8
3. Sulphur Dioxide as SO ₂	μg / m³	IS 5182 (Part-2)	80	13.0
4. Nitrogen Dioxide as NO ₂	μg / m³	IS 5182 (Part-6)	80	32.4
5. Ozone (O ₃)	μg / m³	IS 5182 (Part-9)	180	47.4
6. Ammonia as NH₃	μg / m³	IS 5182 (Part-25)	400	18.6
7. Carbon Monoxide (CO)	mg/m³	IS 5182 (Part-10)	4 mg / m ³	0.40
ತ. Benzene (C ₆ H ₆)	μ g / m ³	IS 5182 (Part-11)	5 μg / m ³	0.13



Reviewed by:

AlhBhekkumar **Authorized Signatory:** Abhishek Kumar, Sec. I/c (Air Proximate)

Authorized Signatory: H.N. Jha, Sec. I/c (Residue)

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----













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TESTING

Head Office:

122-C, Aastha, Road No. 5A,

Patliputra Colony, Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in



OMSHIVA TEST HOUSE PVT LTD

Annexure-AZ

STH/24/07/107

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/107

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling

IS 5182 (Part - 14)

≟nν. Condition Instrument ID

Container

Temp.

32 °C

STH/Equip/67, 43

Sample Quantity &

30 ml x 6 for each (NO2, SO2); Filter Paper & Sample Carriage Bottle

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

AAQ (As per NAAOS) Near Packing Material

Store

W.O No.: 3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/107

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Parameters	Unit	Method of Test	Limit as per NAAQS 2009	Results
1. Particulate Matter (PM ₁₀)	μg / m³	IS 5182 (Part-23)	100	67.9
2. Particulate Matter (PM _{2.5})	μg / m³	IS 5182 (Part-24)	60	39.3
3. Sulphur Dioxide as SO ₂	μg / m³	IS 5182 (Part-2)	80	13.6
4. Nitrogen Dioxide as NO ₂	μg / m³	IS 5182 (Part-6)	80	29.0
5. Ozone (O ₃)	μg / m³	IS 5182 (Part-9)	180	34.9
6. Ammonia as NH₃	μg / m³	IS 5182 (Part-25)	400	15.6
7. Carbon Monoxide (CO)	mg/m³	IS 5182 (Part-10)	4 mg / m ³	0.43
3. Benzene (C ₆ H ₆)	μg / m³	IS 5182 (Part-11)	5 μg / m ³	0.45



Reviewed by:

Authorized Signatory:

AlhiShekkumar

Abhishek Kumar, Sec. I/c (Air Proximate)

Authorized Signatory: H.N. Jha, Sec. I/c (Residue) Quality Manager:

Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----













बिहार राज्य प्रदूषण नियंत्रण पर्षद्

परिवेष भवन, प्लांट न0-एन.एस-बी / 2, औद्योगिक क्षेत्र, पाटलीपुत्रा, पटना-800010

पत्रांकः २३८।

पटना, दिनांक: 18-8-22

प्रेषक

एस0 चन्द्रशेखर, भा०व०से० सदस्य सचिव

सेवा में

निदेशक,

मे0 बिहार डिस्टीलर्स एण्ड बोटलर्स (प्रा0) लि0,

ग्राम-देवरी, पो0+अंचल-गरहनी,

अनुमंडल-आरा, जिला-भोजपुर-802301

विषयः इकाई परिसर के अन्दर पर्यावरणीय वायु के नमूना संग्रहण हेतु तीन स्टेशनों के निर्धारण के संबंध में।

प्रसंग: आपका पत्र दिनांक 23.06.2022

महाशय,

उपर्युक्त विषयक एवं प्रसंग के संबंध में सूचित करना है कि पर्यावरणीय स्वीकृति दिनांक 06.05. 2021 के शर्तों के अनुपालन के क्रम में इकाई परिसर के अन्दर पर्यावरणीय वायु के नमूना संग्रहण हेतु तीन स्टेशनों के निर्धारण हेतु प्रस्ताव मैप सिहत जमा किया गया। उक्त मैप की जांच की गयी तथा प्रस्ताव के आलोक में निम्नलिखित तीन बिन्दुओं पर सैम्पलिंग स्टेशन के रूप में स्वीकृति प्रदान किया जाता है:

- i. इकाई के मुख्य गेट के पास;
- ii. वेयर हाउस के नजदीक; एवं
- iii. पैकिंग मेटेरियल स्टोर के नजदीक। सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

विश्वासभाजन १८ ४ (एस० चन्द्रशेखर) सदस्य सचिव

	Annexure - A4
BIHAR DISTILLERS & BOTTLERS PVT. LTD.	DITLERS PVT. LTD.
SELF MONITORING OF AMBIENT AIR	F AMBIENT AIR
Name of Company	: Bihar Distillers & Bottlers Pvt. Ltd.
Address of works	: Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar
Name and address of lab, which conducted the monitoring	: Self
Status of industry under Air (Prevention & Control of Pollution) Act 1981: Consent to operate granted for 250 KLPD which is valid up to	1 : Consent to operate granted for 250 KLPD which is valid up to
	August 2025 & 600 KLPD which is valid upto December 2027.
Months under report	:From April 2024 to September 2024.

				PARAMETERS	RS					
Ç	I OCATION (PIRECTION	SILLACE	PN	PM ₁₀	S	so _x	Ž	Nox	Pľ	PM _{2.5}
S.NO.	LOCATION/DIRECTION	NON H	Min	Max	Min	Max	Min	Max	Min	Max
Н	Near Main Gate	April 2024 to Sept. 2024	60.2	65.1	9.1	13.8	26.8	31.6	30.4	37.6
2	Near Packing Material	April 2024 to	62.4	6.79	10.2	13.6	25.4	29	32.4	39.3
	2022	July 1: 2024								
8	Near Ware House	April 2024 to	7 22	0 02	0	7.0	0.30	1,00	276	000
r	ived Wale House	Sept. 2024	4.00	0.0/	o. 0	CT .	6.02	52.4	0.4.0	38.8
						; 11 *	or Bihar Dis	For Bihar Distillers & Bottlers Pvt. Ltd.	ttlers Pyt. L	ţ
							2 2 2 2			
All the pa	All the parameters are in µg/m³ and average values	average values				2	1r. Chandre	Mr. Chandresh Kuman Dubey - Director	abey - Direc	tor

S

					Annexure - A5
		BIHAR DISTILLER	BIHAR DISTILLERS & BOTTLERS PVT. LTD.	T. LTD.	
		REPORT	REPORT ON NOISE LEVEL		
Name of Company	Company		: Bihar Distillers & Bottlers Pvt. Ltd.	ottlers Pvt. Ltd.	
Address of works	of works		: Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar	Sarhani, Distt. Arrak	າ (Bhojpur), Bihar
Name and	Name and address of lab, which	lab, which conducted the	: Self		
monitoring	8				
	Status	of Noise Level (in o	Status of Noise Level (in dBA) from April 2024 to Sept. 2024	4 to Sept. 2024	
		Day	Day Time	Nigh	Night Time
S. NO.	TYPE OF AREA	6 AM T	6 AM TO 10 PM	10 PM	10 PM TO 6 AM
Н.	Industrial	63.6	65.8	52.6	54.4
. 2	Residential	44.2	48.2	37.6	40.8
			For Biha	For Bihar Distillers & Bottlers Pvt. Ltd. MP. GRANDEN FROM A DUBEY - Director	ottlers Pvt. Ltd.



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CONSULTING

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TRAINING



122-C, Aastha, Road No. 5A, Patliputra Colony, Patna - 800 013 (Bihar)

Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in



TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/NN/24-25/07/192-194

Date of Sampling

08.07.2024 09.07.2024

Sample Received on Method of Sampling

CPCB

nv. Condition

Temp.

32 °C Humidity

64%

Information by Customer:

Name / Nature of Sample:

VOC in Indoor Ambient Air

Location of Sampling:

Within Premises

Amenure-A-6

W.O No.:

3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

Given Below

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method Reporting Date

21.07.2024

No

Sample Collected by

Mr. Vinay Kumar; Lab Representative

ANALYSIS RESULTS

	Method of			Sampling Stations with Code / Results		
Parameters	Unit	Test	Specification as per NAAQS (Nov.'2009)	Near Main Gate (V-192/24)	Near Ware House (V-193/24)	Near Packaging Material Store (V-194/24)
V.O.C as Total Hydrocarbons	μg / m³	СРСВ	Not Specified	1.26	1.66	1.71



Reviewed by:

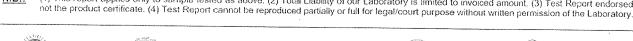
Authorized Signatory: H.N. Jha, Sec. I/c (Residue)

---- END OF REPORT ----

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and

Quality Manager:

Dr. (Mrs.) Shreyasee Prasad













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CONSULTING RESOLVING TRAINING

Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

App Store Google Play

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/111

Date of Sampling

08.07.2024 09.07.2024

Sample Received on nv. Condition

Temp. 32.0C

Method of Sampling IS: 9989

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

Ambient Noise Level

Location of Sampling:

Within Premises

W.O No.:

3400004168

Amenure- A7

WO Date:

14.08.2024

Analysis Details:

Sample Code

NA

No

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested Any Specific Test Method

As per request

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

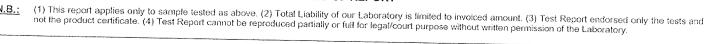
Sampling Location	Unit	TWA of Noise Level		
- Impining Location		Daytime (6:00 am to 10:00 pm)	Nighttime (10:00 pm to 6:00 am)	
1. Near Main Gate	dB(A)	65.8	54.2	
2. Near Boiler Section	dB(A)	64.8	54.0	
Near Packing Material Store	dB(A)	65.6	55.2	

The Ambient Air Quality Standards in respect of Noise as per Noise Pollution (Regulation and Control) Rules 2000 for Industrial area is 75.0 dB(A), for Commercial area is 65.0 dB(A), for N.B.: Residential area is 55.0 dB(A) & for Silence Zone is 50.0 dB(A) in daytime i.e. 6.00 am to 9.0 p.m. As per Rule 7(1&2) the authority shall take action against violator if the noise level exceed the ambient noise standards by 10 dB(A) or more against any area/zone.

Reviewed by:

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













	Bihar Distillers & Bottle	ers Pvt. Ltd.
Six N	Monthly Compliance Report of Discharge Consent Ord Co- generation Powe	
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;	Noted and being Complied.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986, provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring the effluent(s) regularly and maintaining its quality in conformity with Board's standards. (See attached report as Annexure- B1)
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, the plant shall never exceed the maximum capacity defined i.e. 600 KLD of ethanol;	Being Complied : The plant has never exceeded the defined capacity i.e. 600 KLD.
6	That, they shall comply with the conditions of Environmental Clearance (EC) as special conditions and general conditions and compliance/progress report shall be submitted to the Board;	Being Complied: Six monthly compliance report of the Environmental Clearance conditions is being submitted on a regular basis.
7	That, total fresh water requirement from ground water source shall not exceed as per NOC issued by CGWA/SGWA;	Being Complied: Total fresh water requirement from ground water source has been adhered to during the operation of the distillery unit and never exceeded the limit. The company has applied for NOC renewal for Ground water abstraction from CGWA. (See copy as annexure B-2)
8	That, water meter conforming to ISO standards shall be installed at the inlet point of water uptake as well as at all necessary points to monitor the daily water consumption. Use of water efficient devices/fixtures and appliance should be promoted;	Being Complied: Water meters conforming to ISO standards have been installed at the inlet point of water uptake as well as at all necessary points to monitor the daily water consumption. The Company is promoting the use of water efficient devices/fixtures and appliance within the plant premises.



9	That, they shall submit exclusive layout drainage map of surface run-off water, industrial waste water (if any) and domestic wastewater with indication of their source and discharge points;	Being Complied: The Company is hereby submitting the drainage map of surface run-off water and domestic wastewater with indication of their source and discharge points. (See drainage map as Annexure B-3)
10	That, spent wash generation from grain based operation shall not exceed 6 KL/KL of alcohol. The spent wash shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form Distiller's Wet Grains with Soluble (DWGS). DWGS shall be dried to form Distiller's Dry Grains with Soluble DDGS. The condensate from MEE will be recycled back to the process. Yeast sludge shall be utilized for bio-composting. DWGS/DDGS will be sold as cattle feed;	Being Complied: Spent wash generation from grain based operation is never exceeding 6 KL/KL of alcohol. Spent wash from the grain based distillery is being treated through decanters and the thin slop is concentrated in multi-effect evaporator (MEE). The syrup from MEE is mixed with wet cake from decanters and then it is dried in dryers to form Animal Feed Supplement. Complete ZLD is in place.
11	That, the spent wash shall be stored in impervious pucca lagoon with proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. The storage of spent wash shall not exceed 5 days capacity,	Being Complied: Spent wash storage facility has been provided in SS closed tank.
12	That, no effluent from distillery/unit shall be discharged outside the plant premises and Zero Liquid Discharge shall be adopted . Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process;	Being Complied: Water consumption has been reduced by adopting 3 R's concept such as water treated in WWTP is being recycled back to cooling towers. Zero Liquid Discharge has been adopted.
13	That, process effluent/any wastewater (treated sewage, scrubber water and/or floor washings etc) shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond;	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.
14	That, adequate facilities shall be provided for treatment of domestic wastewater and treated wastewater shall be reused in irrigation/gardening purposes as well as back into the system for flushing/horticulture purpose/green belt development etc. and shall maintain a record on daily basis. Sludge shall be dried and used as manure in gardening;	Being Complied: Two nos. sewage treatment plants have been installed for domestic wastewater, The treated water from Sewage treatment plant is being used for the purpose of irrigation/gardening.
15	That, 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 a basis and report submitted to the BSPCB	Being Complied: Eight nos. of piezometers have been set up and maintained. Ground water quality i.e. pH, BOD, COD, chloride, sulphate, and total dissolved solids is being monitored on monthly basis and the reports being submitted accordingly. (See Self monitoring report as annexure B-4).
16	That, the unit shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water;	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
17	That no storage of wet cake shall be done at site. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer;	Being Complied: Storage of wet cake is not required as dryers of adequate capacity have been provided for drying mixture of wet cake and syrup into DDGS.

French



1	That the unit shall not disabours any afficient autiliar	Daing Complied, Different learning
18	That, the unit shall not discharge any effluent outside the premises. In case of any uneven situation plant shall be shutdown to maintain zero discharge;	Being Complied: Effluent has never been discharged outside the premises, and zero liquid discharge has been adopted with the installation of MEE, Dryer, WWTP & CPU
19	That, they shall maintain 'Zero Liquid Discharge' of industrial effluent and install following online monitoring system: Online flow meters & PTZ cameras are required to be instated as given below: a) Flow meters: Online flow meters with data recording facility which should be transmitted online to CPCB and SPCB, shall be installed at the raw spent wash/whole stillage generation line and the concentrated spent wash/whole stillage/thick syrup line connecting to the final storage lagoon/tank before dryer; b) For distillery plants having advanced integrated multiple effect evaporators where concentrated spent wash/whole stillage is being directly generated, flow meters with similar specification shall be installed with data connectivity to CPCB and SPCB at the concentrated spent wash/whole stillage/thick syrup line connecting to the final storage lagoon dryer and at the alcohol production line for assessment of concentrated spent wash generation ratio; and c) PTZ cameras: the cameras should be IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability and should be installed at relevant locations of DWGS/DDGS production area and final spent wash storage lagoon/storage tank, as applicable. The camera feed should be integrated with all camera controls (pan, zoom, tilt) and shown on central platform, where data other parameters (effluent monitoring/flow meters/emission monitoring) is displayed/submitted. The camera feed shall be provided without pre-requirement of any plug-in software for data display or data submission and shall be available in the Google chrome browser.	PTZ cameras had been installed and connected to CPCB & SPCB website for display of real time data. The same are in operation. PTZ cameras had been installed and connected to CPCB and SPCB website. The cameras feed have been provided without pre-requirement of any plug-in software for data display or data submission and have available in the Google chrome browser too.
20	That, the unit shall maintain good housekeeping;	Being Complied: The unit is ensuring good housekeeping including road dust collection and water sprinkling etc.
21	That the unit shall ensure that there is no mixing of any industrial effluent with the storm water and unit shall take all preventive measures for same;	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.





22	That, they shall comply with provisions under the Rules, conditions of EC issued vide ref. dated 01.05.2014 & extension of EC dated 06.05 2021 of MoEF and CC, Govt. of India as well as directions issued either by SPCB/CPCB time-to time. Reports shall be submitted to the Board also;	Being Complied: Six monthly compliance report of the Environmental Clearance conditions issued vide ref. dated 01.05.2014, extension of EC dated 06.05 2021 of MoEF & CC is being submitted on a regular basis.
23	That, they shall adopt rainwater harvesting measures to recharge the ground water and proper records shall be maintained;	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
24	That, the Environmental Statement as prescribed in the E (P) Rules, 19BO [see rule 14] for the each financial year ending the 31 st March, shall be submitted by the month of September every year;	Being Complied: Last environmental statement for the period ending 31st March 2024 has been submitted to State Pollution Control Board vide letter dated 18 Sept. 2024.
25	That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and emission along with solid waste generated within the factory premises;	Being Complied: Provisions has been made for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises.
26	That, overall half yearly compliance report of CTO conditions shall be submitted to the Board;	Noted.
27	That, notwithstand anything stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and	Noted and being adhered.
28	That, this CTO is granted on basis of undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked at proponent's risk and cost and legal action shall be initiated.	Noted.

Jamourg





...... PROTECTING SINCE 1988 CONSULTING RESOLVING TRAINING

TESTING

Head Office:

122-C, Aastha, Road No. 5A,

Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

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OMSHIVA TEST HOUSE PVT LTD STH/24/07/101

Untreated Effluent Sample

WWTP Inlet-Near WWTP

Annexure-B1

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/101

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling ∠nv. Condition

IS 3025, APHA Temp.

32°C

Humidity

64%

Sample Quantity &

Container

2 L.; Polypropylene Bottle (02)

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/101

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

Any Specific Test Method

As per request No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25ºC		IS 3025 (Part-11)	5.72
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	91.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	4.12
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	240.0
5.	C.O.D.	mg/l.	IS 3025 (Part-44)	840.0
6.	Sulphate as SO ₄	mg/l.	APHA (4500-E)	64.6
7.	Chloride as CI	mg/l.	IS 3025 (Part-32)	97.0
8.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	2156.0



Arshu kumadi

Reviewed by:

Authorized Signatory:

S.S. Rukhaiyar, Sec. I/c (Effluent) ---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













...... PROTECTING SINCE 1988

CONSULTING RESOLVING TRAINING

Head Office: 122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

OMSHIVA TEST HOUSE PVT LTD

STH/24/07/102

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/102

Date of Sampling

08.07.2024

Sample Received on ethod of Sampling

09.07.2024 IS 3025, APHA

Env. Condition

Temp.

32 °C

Humidity

Sample Quantity &

Container

Sample Collected by

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

64%

Reporting Date

Treated Effluent Sample WWTP Outlet-Near WWTP

Annewer- B-L

3400004168

14.08.2024

Analysis Details:

Sample Code

W.O No.:

WO Date:

STH/24/07/102

Analysis Start Date

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

09.07.2024 14.07.2024

Analysis Completion Date Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C		IS 3025 (Part-11)	7.07
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	12.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	1.22
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	10.0
5.	C.O.D.	mg/l.	APHA 5220 B	50.0
6.	Sulphate as SO ₄	mg/l.	APHA (4500-E)	9.6
7.	Chloride as CI	mg/l.	IS 3025 (Part-32)	14.0
8.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	324.0



Arsh kumai

Authorized Signatory:

S.S. Rukhaiyar, Sec. I/c (Effluent) ---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













...... PROTECTING SINCE 1988 CONSULTING | RESOLVING | TRAINING

Head Office:

122-C, Aastha, Road No. 5A,

Patliputra Colony, Patna - 800 013 (Bihar)

Contact us : +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

App Store Google Play

Annexure-B1

OMSHIVA TEST HOUSE PVT LTD

Untreated Effluent Sample

STH/24/07/103

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/103

32 °C

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

ethod of Sampling

IS 3025, APHA

Env. Condition

Temp.

Humidity

64%

Sample Quantity & Container Sample Collected by

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

STP Inlet 3400004168

14.08.2024

Analysis Details :

Sample Code

STH/24/07/103 09.07.2024

Analysis Start Date

14.07.2024

No

Analysis Completion Date Sample Condition on Receipt

Fit for analysis

Items required to be Tested

Any Specific Test Method

As per request

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C	No. 140 Aug.	IS 3025 (Part-11)	7.29
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	136.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	2.18
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	76.0
5.	C.O.D.	mg/l.	APHA 5220 B	300.0
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)	2.9
7.	Fluoride as F	mg/l.	APHA 4500 (F D)	0.86
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)	20.7
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)	30.8

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and N.B.: not the product certificate. (4) Test Report cannot be reproduced partially or full for legal/court purpose without written permission of the Laboratory









Patliputra Colorr Patha

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Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908 Email: coo@shivatesthouse.in

cao@shivatesthouse.in

Annenue-BL

TEST REPORT

OMSHIVA TEST HOUSE PVT LTD STH/24/07/104

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/104

Date of Sampling

08.07.2024

Sample Received on lethod of Sampling

09.07.2024 IS 3025, APHA

Env. Condition

Container

Temp.

32 °C

Humidity

Sample Quantity &

Sample Collected by

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

64%

Any Specific Test Method

Treated Effluent Sample

STP Outlet

BDBPL/2023-24/WO-146

26.12.2023

Analysis Details:

Sample Code

W.O No.:

WO Date:

STH/24/07/104

Analysis Start Date

09.07.2024

Analysis Completion Date

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

14.07.2024

Sample Condition on Receipt Items required to be Tested

Fit for analysis As per request

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Limit as per E (P) Rules Schedule VI	Results
1.	pH at 25°C		IS 3025 (Part-11)	5.5 to 9.0	7.74
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	100.00	47.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	10.00	<4.0
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	30.00	11.0
5.	C.O.D.	mg/l.	APHA 5220 B	250.00	60.0
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)	5.00	0.74
7.	Fluoride as F	mg/l.	APHA 4500 (F D)	2.00	0.42
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)	50.00	6.4
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)	100.00	8.3
			ZZSATHO/ZZA		

Anshu kumasi

Reviewed by:

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and not the product certificate. (4) Test Report cannot be reproduced partially or full for legal/court purpose without written permission of the Laboratory









Patlioutra Colom

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..... PROTECTING SINCE 1988 TESTING CONSULTING RESOLVING TRAINING



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Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in

cao@shivatesthouse.in



OMSKIVA TEST HOUSE PVT LTD

Annewere-B1

STH/24/07/113

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/113

Date of Sampling

08.07.2024 09.07.2024

Sample Received on Method of Sampling

Sample Collected by

IS 3025, APHA

nv. Condition

Sample Quantity & Container

Temp.

32°C

Humidity

64%

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Effluent Sample **CPU** Inlet

Location of Sampling: W.O No.:

3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/113

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25 ⁰ C		IS 3025 (Part-11)	7.83
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	161.0
3.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	500.0
4.	C.O.D.	mg/l.	IS 3025 (Part-58)	1640.0



Reviewed by:

Authorized Signatory:

S.S. Rukhaiyar, Sec. I/c (Effluent) ---- END OF REPORT ----

Shryans

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













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Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

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OMSHIVA TEST HOUSE PVT LTD

Anneuwe-BL

STH/24/07/114

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/114

Date of Sampling

08.07.2024

Sample Received on Method of Sampling

09.07.2024

nv. Condition

IS 3025, APHA

32 °C

Humidity

64%

Sample Quantity & Container

Sample Collected by

2 L.; Polypropylene Bottle (02)

Temp.

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.: WO Date: 3400004168 14.08.2024

CPU Outlet

Effluent Sample

Analysis Details:

Sample Code

STH/24/07/114

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

No

Any Specific Test Method Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C		IS 3025 (Part-11)	8.33
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	15.0
3.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	9.0
4.	C.O.D.	mg/l.	IS 3025 (Part-58)	50.0



Arsho kumari

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad













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Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

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Email: coo@shivatesthouse.in cao@shivatesthouse.in

Annewe-B1

OMSHIVA TEST HOUSE PVT LTD

STH/24/07/115

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI **ARRAH**

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/115

Date of Sampling

08.07.2024

Sample Received on Method of Sampling

09.07.2024 IS 3025, APHA

Énv. Condition

Sample Quantity &

Temp.

32 °C Humidity

2 L.; Polypropylene Bottle (02)

Container Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

Aeration Tank

W.O No.:

3400004168

Effluent Sample

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/115

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Sl. No.	Parameters	Unit	Method of Test	Results
1.	Mixed Liquor Suspended Solids (MLSS)	mg/l		1880.0
2.	Mixed Liquor Volatile Suspended Solids (MLVSS)	mg/l	IS 3025 (Part-17)	1530.0



Arshi kumasi

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

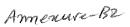














Government of India Ministry of Jal Shakti Department of Water Resources, River Development and Ganga Rejuvenation Central Ground Water Authority (CGWA)



Application for Issue of NOC to Abstract Ground Water (NOCAP)

Welcome: bdbplara
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User Request Application Pass Book Upload IAR Upload Attachment Payment for Associate

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Go Back



Project Name:

भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Bihar Distillers And Bottlers Pvt. Ltd.

Ρ	roject Addre	ess:		١	Village	e- Dev	adi, E	Block- G	arhani,	, Tehs	il- Ar	a (sa	dar), Dis	trict- Bh	ojpur,	
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11.	Number of constructe							No. of	Piezom	eters	eters Monitoring Mechanism					
	Alter record APP and the resource and consequence of a consequence			NYON MANAGA KANINA MANAGA MANA				The state of the s			Mar	nual	DWLR*	DWLF	R With T	elemetry
	DWLR - Did	nital Water I	evel Reco	order		/ 100 /			^	100 A 100 B. W. 100 P. 100 B. A.		•	A	atangan ha Patrick in Indonesia matana ka m	************************************	100 to be be received as a second decision assume service

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

Annews-B2

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

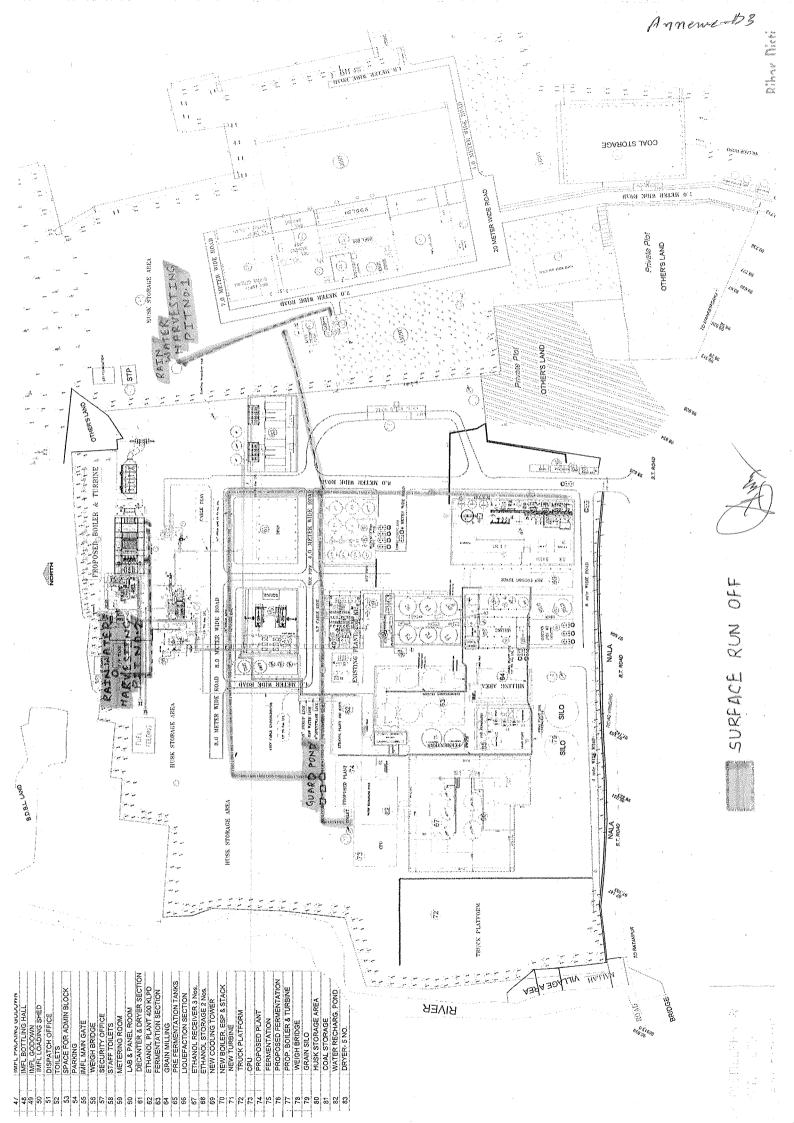
- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / tube wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt, approved/ NABL accredited lab,
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.

 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)



					ANNEXURE- B4
	BIHA	R DISTILLERS	BIHAR DISTILLERS & BOTTLERS PVT. LTD.	LTD.	
	Self	Monitoring of G	Self Monitoring of Ground Water Tubewells	vells	
Name of	Name of the company	: Bihar Distillers	Bihar Distillers & Bottlers Pvt. Ltd.		
Address of works	of works	: Village Devri, P	Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar	rah (Bhojpur), Bihar	
Name & 4	Name & Address of Lab which conducted	: Self			
the monitoring	toring				
Status of	Status of industry under Water	: Consent to ope	erate granted for 250	: Consent to operate granted for 250 KLPD which is valid up to August 2025 &	to August 2025 &
(Prevention	(Prevention & Control of Pollution) Act	600 KLPD which	600 KLPD which is valid upto December 2027	ber 2027 .	
Months u	Months under Report	:From April 202	:From April 2024 to September 2024	-	
S.No.	Parameter		Tube Well No. 1	Tube Well No. 2	Tube Well No. 3
1	На		7.21	7.29	7.23
2	Electrical Conductivity	moh/cm	406	408	416
3	Total Dissolved Solids (TDS)	mg/L	274	268	272
4	Total Alkalinity as CaCO ₃	mg/L	224	228	230
5	Hardness as CaCO ₃	mg/L	216	218	224
7	Calcium	mg/L	39.2	40.6	41.8
∞	Magnesium	mg/L	19.5	16.3	15.3
10	Chloride	mg/L	9.6	10.6	8.7
11	Sulphate	mg/L	22.6	21.4	21.6
12	Fluorides	mg/L	QN	QN	QN
13	ВОД	mg/L	ND	ND	ND
14	COD	mg/L	ND	ND	ND
«ND	Not Detectable		,		
Above valu	Above values are average for the period mentioned above.	oned above.	For Biha	For Bihar Distillers & Bottlers Pvt. Ltd.	vt. Ltd.
Locations	Locations of tubewells:				ann E
TW - 1	Near Grain Milling Area				
TW - 2	Near Weigh bridge			SA/	
TW -3	Near 95 TPH stack		Mr. Cha	Mr. Chandresh Kumar Dubey - Director	Director



	Bihar Distillers & Bott	lers Pvt. Ltd.
Co	ompliance Report of Emission Consent Order for 250 KL Power	PD Ethanol Plant & 9.4 MW Co- generation
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & control of Pollution) Act, 1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4, 6, 8, 9, 12, 13, 17, 18, 19, 20, 22 and 23 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016; Rules 4,5,7,8,10,11,12,13,14,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the public Liability Insurance Act,1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring its emission(s) and the ambient air quality at designated points regularly and maintaining its quality in conformity with Board's standards.
4	That, he/they shall submit application for consent 30 days before the expiration of the period of consent i.e. 11.07.2025 or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, they shall operate its air pollution control device (ESP) regularly for control of particulate emission from stack;	Being Complied: The Company is operating its air pollution control device i.e. Electrostatic Precipitator (ESP) for control of particulate emission from stack within the stipulated norms.
6	That, the particulate matter emission from stack shall be in accordance with standards prescribed for boilers under the E(P) Rules, 1986 (Boiler having steam generation capacity 15 and above tone/hr; 150mg/Nm³)/or as per conditions of EC;	Being Complied: The particulate matter from stacks emissions are always well within limit of 50 mg/Nm3. (See monitoring report by NABL as Annexure – A1)
7	That, the unit shall ensure connectivity (24x7) of online Stack Emission Monitoring System (OSMES) to CPCB server and BSPCB dashboard;	Being Complied: The unit has ensured connectivity (24x7) of online Stack Emission Monitoring System (OSMES) to CPCB server and BSPCB dashboard.





8	That, they shall submit manual stack emission monitoring report and ambient air quality report on six monthly basis during operation of the plant;	Being Complied: The Company is monitoring its stack emission and ambient air quality from NABL Lab report is being submitted on six monthly basis.
9	That, water shall be sprinkled on the roads and premises for suppression of road dust through fixed water sprinklers.	Being Complied: The Company is doing water sprinkling on the roads and premises for the suppression of the road dust.
10	That, the unit shall store rice husk under covered shed;	Being Complied: Presently, the fuel feeding points at the boilers have been covered from where the daily requirement of husk is being met. Also, the boilers fuel conveyers have been covered to avoid husk getting air borne. The company had covered the rice husk stock with durable mesh in the storage areas to prevent it from getting air borne.
11	That, unit shall maintain good housekeeping and green vegetation in the premises;	Being Complied: The Company is maintaining good housekeeping and green vegetation within the premises.
12	That, the solid waste namely boiler ash shall be disposed of properly and ensure that there is no fugitive emission from their transportation, storage and handling;	Being Complied: The Company has entered into an agreement with Ash lifting Contractor who is supplying fly ash generated from the boilers to the nearby villages of Barap, Balligaon, Kahen, Dulhiganj, Karup for brick manufacturing/ paver tiles manufacturing, in covered vehicles.
13	That, unit shall submit Environmental Statement for the financial year ending the 31 st March in Form-V on or before the 30 th September every year;	Being Complied : Last environmental statement for the period ending 31st March 2024 has been submitted to State Pollution Control Board vide letter dated 18 Sept 2024.
14.	That, the grant of this Consent-to-Operate is issued from the environmental angle only, and does not absolve the project proponent from other statuary obligation prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent;	Noted and being adhered.
15.	That, the grant of this Consent-to-Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, is any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder;	Noted.

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CONSULTING RESOLVING TRAINING

Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908 Email: coo@shivatesthouse.in

cao@shivatesthouse.in

Anneuwre-A1

OMSHIVA TEST HOUSE PVT LTD

STH/24/07/108

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/108

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling Énv. Condition

Temp.

32 °C

Sample Quantity &

Instrument ID

Container Sample Collected by STH/Equip/53

60 ml; Thimble & Sample Glass Carriage

IS 11255 (Part-1,2,3 & 7) Humidity

64%

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168 14.08.2024

Stack Emission

Boiler 52 TPH

Analysis Details:

Sample Code

Analysis Start Date

09.07.2024

STH/24/07/108

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis As per request

Items required to be Tested Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

	Parameters	Unit	Method of Test	Resu	ilts
1.	Type of Fuel	******		RICE HUSK	
2.	Stack Connected to		1	Boiler (52 TPH)	
3.	Stack No.		1	11	
4.	Height of Stack (as reported)	Meter	1	55.00	M.
5.	Dia. of Stack at Top (as reported)	Meter	-	3.43	
6.	Material of Construction			RC	3
7.	Ambient Temperature	°C		32.0	
8.	Flue Gas Temperature	°C	1	135.	
٦.	Velocity	m/sec.	IS 11255 (Part-3)	7.7	
10.	Volumetric Flow Rate	NM³/hr.		18710	
11.	Sampling Point	Meter		22.0	
				Limit as per E(P)	
		y		Rules	Concentration
	Particulate Matter (P.M.)	mg / NM³	IS 11255 (Part-1)	250.00 mg / NM ³	27.8
	Sulphur Dioxide (SO ₂)	mg / NM³	IS 11255 (Part-2)	Not Specified	9.8
14.	Oxides of Nitrogen (NOx)	mg/NM³	IS 11255 (Part-7)	Not Specified	28.7

Authorized Signatory: Abhishek Kumar, Sec. I/c (Air Proximate)

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and N.B.: not the product certificate. (4) Test Report cannot be reproduced partially or full for legal/court purpose without written permission of the Laboratory



Reviewed by:











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Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar) Contact us: +918676886249

Email: coo@shivatesthouse.in

cao@shivatesthouse.in

+919431047908



OMSHIVA TEST HOUSE PVT LTD

Amoure-A1

STH/24/07/109

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/109

Date of Sampling

08.07.2024

Sample Received on, Method of Sampling

09.07.2024

Énv. Condition Instrument ID

IS 11255 (Part-1,2,3 & 7) 32 °C

Temp.

Sample Quantity &

Container

Sample Collected by

STH/Equip/53

60 ml; Thimble & Sample Glass Carriage Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168 14.08.2024

Stack Emission

STH/24/07/109

Boiler 95 TPH

Analysis Details:

Sample Code

Analysis Start Date 09.07.2024

Analysis Completion Date

Sample Condition on Receipt Fit for analysis

Items required to be Tested

Any Specific Test Method

ST HOUS

As per request No

Reporting Date

21.07.2024

14.07.2024

ANALYSIS RESULTS

64%

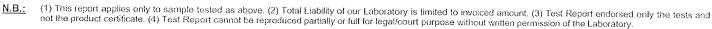
	Parameters	Unit	Method of Test	Resu	ılts	
1.	Type of Fuel			RICE H	IUSK	
2.	Stack Connected to		7	Boiler (95 TPH)		
3.	Stack No.			1		
4.	Height of Stack (as reported)	Meter		55.0	M	
5.	Dia. of Stack at Top (as reported)	Meter	7	2.51		
6.	Material of Construction			RC		
7.	Ambient Temperature	°C		32.0		
8.	Flue Gas Temperature	°C		137.0		
9.	Velocity	m/sec.	IS 11255 (Part-3)	7.4		
<u>_</u>)0.	Volumetric Flow Rate	NM³/hr.		9439		
11.	Sampling Point	Meter		22.0 M		
				Limit as per E(P) Rules	Concentration	
	Particulate Matter (P.M.)	mg / NM³	IS 11255 (Part-1)	250.00 mg / NM ³	32.4	
13.	Sulphur Dioxide (SO ₂)	mg / NM³	IS 11255 (Part-2)	Not Specified	11.2	
14.	Oxides of Nitrogen (NOx)	mg / NM³	IS 11255 (Part-7)	Not Specified	37.0	
			and the state of t			

Reviewed by:

Authorized Signatory: Abhishek Kumar, Sec. I/c (Air Proximate)

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

---- END OF REPORT -----













	Bihar Distillers & Bottle	rs Pvt. Ltd.
Coi	mpliance Report of Discharge Consent Order for 250 KLPD Power	
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4,6,8,9,12,13,14,15,17,18,19,20,22 and 23 of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/her effluent(s) regularly and maintain its quality in conformity with Boards standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring the effluent(s) regularly and maintaining its quality in conformity with Boards standards. (See attached report as Annexure-B1)
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 11.07.2025 or within 30 days from the date of receipt of this order, whichever is applicable.	Noted.
5	That, the unit shall achieve/maintain Zero Liquid Discharge (ZLD) by adopting /using the following:- a. Decantation of distillation residue, concentration of thin/lean spent wash in Multi Effect Evaporator (MEE), mixing of thick syrup/concentrated slop with Distillery Wet Grains with soluble (DWGS) generated from decanter, drying in dryer to produce Distillery Dry Grains Soluble (DDGS) as poultry fish feed; b. Other non-process effluents and other utilities wastewater shall be suitably treated and reused in the cooling tower makeup/process and shall not be discharged outside the factory premises; c. The unit shall use its ETP/CPU/wastewater treatment plant by utilizing all components of ETP.	Being Complied: The unit had adopted Zero liquid discharge right from the beginning by using the followings:- I. Spent wash from the grain based distillery is being treated through decanters and the thin slop is concentrated in multi-effect evaporator (MEE). The syrup from MEE is mixed with wet cake from decanters and then it is dried in dryers to form Animal Feed Supplement. Complete ZLD is in place. II. Other non-process effluents and other utilities wastewater is being treated in wastewater treatment plant (WWTP) and reusing in cooling towers for the makeup purpose.

Someway



6	That, the unit shall have separate drainage system for industrial effluent and storm water. They shall ensure that storm water is not allowed to mixed with industrial effluents in any cases.	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.
7	That, the unit shall not discharge any polluted effluent into surface water (river, pond, lake, low-laying area etc.) through any defined or by-pass arrangement.	Being Complied: Effluent has never been discharged outside the premises, and zero liquid discharge has been adopted with the installation of MEE, Dryer and WWTP.
8	That, the unit shall ensure connectivity of mass flow meter at installed MEE inlet and MEE concentrate outlet and CPCB server and BSPCB dashboard.	Being Complied: The unit has ensured connectivity with CPCB server and BSPCB dashboard of mass flow meters installed at MEE inlet and MEE concentrate outlet.
9	That, the unit shall have flow meter at all water abstraction points, at inlet and outlet of ETP/CPU, spent wash generation point and MEE condensate point along with running hours meter.	Being Complied: The flow meters conforming to ISO standards have been installed at the inlet point of water uptake, inlet and outlet of ETP, spent wash generation point and MEE condensate point.
10	That, the unit shall have separate energy meter for ETP/CPU and maintain logbook for operation of ETP/CPU, energy meter, water abstraction and effluent generation on daily basis.	Being Complied: The unit has provided separate energy meter for ETP and maintain log book for operation of ETP, energy meter, water abstraction and effluent generation on daily basis.
11	That, the unit shall have permission for abstraction of ground water from Central Ground Water Authority (CGWA).	Being Complied: The company has applied for NOC renewal for Ground water abstraction from CGWA. (See copy as annexure B-2)
12	That, the unit shall install web camera at ETP, boiler, dryer and MEE and ensure linking the images with CPCB server along with BSPCB dashboard.	Being Complied: The unit has installed web camera at designated areas and linked the images with CPCB server along with BSPCB dashboard.
13	That, the unit shall monitor ground water level through piezometers (fitted with digital water level recorder).	Being Complied: Eight nos. of piezometers (fitted with digital water level recorder) have been set up and maintained for monitoring ground level within the premises.
14	That, the unit shall adopt rainwater harvest system to recharge the ground water.	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
15	That, the unit shall shut down its production in case of unforeseen situation such as flood, water logging etc. to avoid any discharge;	Noted.
16	That, the unit shall establish environmental laboratory with qualified professional.	Being Complied: The unit has established environmental laboratory with qualified professionals.





17		t shall submit r ending the 3 ember every y	1 st March in	Being Complied: Last environmental statement for the period ending 31st March 2024 has been submitted to State Pollution Control Board vide letter dated 18 Sept. 2024.		
18	That, the unit generation, c hereunder:- Industrial water consumption (m³/d)	shall mainta oncentrated s Grain requirement for fermentation (TPD)		Being Complied: The unit is maintaining water consumption, spent wash generation, concentrated spent wash and condensate records in the prescribed format.		
19	That, the grant of this Consent-to-Operate is issued from the environmental angle only, and does not absolve the project proponent from other statuary obligation prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the Industry/unit/project proponent.					Noted and being adhered.
20	That, the gran way, adverse any, institute you by the St Act or the Ru	nt of this Cor ly affect or je d in the past of ate Board for	nsent-to-Ope opardize the or that could violation of	legal proc be institute	eeding, is ed against	Noted.

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CONSULTING RESOLVING

TRAINING

Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony,

Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

TEST REPORT



OMSHIVA TEST HOUSE PVT LTD STH/24/07/101

Untreated Effluent Sample

WWTP Inlet-Near WWTP

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/101

Date of Sampling

08.07.2024

Sample Received on

Sample Collected by

09.07.2024

IS 3025, APHA

Method of Sampling √nv. Condition

Temp.

Humidity

32 °C

Sample Quantity &

Container

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

3400004168

STH/24/07/101

Americe-81

14.08.2024

09.07.2024

14.07.2024

Fit for analysis

As per request

Analysis Details :

Sample Code

Analysis Start Date

Analysis Completion Date

Sample Condition on Receipt

Items required to be Tested

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C		IS 3025 (Part-11)	5.72
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	91.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	4.12
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	240.0
5.	C.O.D.	mg/l.	IS 3025 (Part-44)	840.0
3.	Sulphate as SO ₄	mg/l.	APHA (4500-E)	64.6
7.	Chloride as CI	mg/l.	IS 3025 (Part-32)	97.0
3.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	2156.0



Arshu kumali

Reviewed by:

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

(1) This report applies only to sample tested as above. (2) Total Liability of our Laboratory is limited to invoiced amount. (3) Test Report endorsed only the tests and (1) This report applies only to sample tested as above, (2) Total claumity of our caporatory is minited to involved anadmic (9) Test report emorsion of the product certificate. (4) Test Report cannot be reproduced partially or full for legal/court purpose without written permission of the Laboratory.













...... PROTECTING SINCE 1988

CONSULTING RESOLVING

TRAINING

Head Office:

122-C, Aastha, Road No. 5A, Patliputra Colony, Patna - 800 013 (Bihar)

Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in



OMSHIVA TEST HOUSE PVT LTD

Annewe-B-L

STH/24/07/102

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/102

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

ethod of Sampling Env. Condition

IS 3025, APHA

Temp.

32°C

Sample Quantity & Container

2 L.; Polypropylene Bottle (02)

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Humidity

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

Treated Effluent Sample

WWTP Outlet-Near WWTP

3400004168

14.08.2024

Analysis Details:

Sample Code

STH/24/07/102

Analysis Start Date

09.07.2024 14.07.2024

Analysis Completion Date

Fit for analysis

Sample Condition on Receipt Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25ºC		IS 3025 (Part-11)	7.07
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	12.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	1.22
4.	B.O.D. (3 days at 27ºC)	mg/l.	IS 3025 (Part-44)	10.0
5.	C.O.D.	mg/l.	APHA 5220 B	50.0
6.	Sulphate as SO₄	mg/l.	APHA (4500-E)	9.6
7.	Chloride as Cl	mg/l.	IS 3025 (Part-32)	14.0
8.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	324.0



Reviewed by:

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager:

Dr. (Mrs.) Shreyasee Prasad

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Head Office:

122-C, Aastha, Road No. 5A. Patliputra Colony

Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in



OMSHIVA TEST HOUSE PVT LTD STH/24/07/103

Annewer Bt

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/103

Date of Sampling

08.07.2024

Sample Received on ethod of Sampling

09.07.2024 IS 3025, APHA

Env. Condition

Container

Temp.

32 °C

Humidity 64%

Sample Quantity &

2 L.; Polypropylene Bottle (02)

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

WO Date:

Untreated Effluent Sample

STP Inlet

3400004168

14.08.2024

Analysis Details:

Sample Code

STH/24/07/103

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024 Fit for analysis

Sample Condition on Receipt Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25ºC		IS 3025 (Part-11)	7.29
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	136.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)	2.18
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	76.0
5.	C.O.D.	mg/l.	APHA 5220 B	300.0
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)	2.9
7.	Fluoride as F	mg/l.	APHA 4500 (F D)	0.86
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)	20.7
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)	30.8

Anshu kumari

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

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Patliputra Colony Patna

otha Road





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122-C, Aastha, Road No. 5A, Patliputra Colony, Patna - 800 013 (Bihar)

Contact us: +918676886249 +919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in



OMSHIVA TEST HOUSE PVT LTD

STH/24/07/104

Annework-Bt

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/104

Date of Sampling

08.07.2024

Sample Received on

109.07.2024

ethod of Sampling

IS 3025, APHA

Env. Condition Sample Quantity &

Container

Temp.

32°C Humidity

2 L.; Polypropylene Bottle (02)

Sample Collected by

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

STP Outlet

Location of Sampling:

W.O No.:

BDBPL/2023-24/WO-146

Treated Effluent Sample

WO Date:

26.12.2023

Analysis Details:

Sample Code

STH/24/07/104

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

64%

Parameters	Unit	Method of Test	Limit as per E (P) Rules Schedule VI	Results
pH at 25°C		IS 3025 (Part-11)	5.5 to 9.0	7.74
Suspended Solids	mg/l.	IS 3025(Part-17)	100.00	47.0
Oil & Grease	mg/l.	IS 3025 (Part-39)	10.00	<4.0
B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	30.00	11.0
C.O.D.	mg/l.	APHA 5220 B	250.00	60.0
Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)	5.00	0.74
Fluoride as F	mg/l.	APHA 4500 (F D)	2.00	0.42
Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)	50.00	6.4
Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)	100.00	8.3
	pH at 25°C Suspended Solids Oil & Grease B.O.D. (3 days at 27°C) C.O.D. Dissolved Phosphate as P Fluoride as F Ammonical Nitrogen as N	pH at 25°C Suspended Solids mg/l. Oil & Grease mg/l. B.O.D. (3 days at 27°C) mg/l. C.O.D. mg/l. Dissolved Phosphate as P mg/l. Fluoride as F mg/l. Ammonical Nitrogen as N mg/l.	pH at 25°C IS 3025 (Part-11) Suspended Solids mg/l. IS 3025(Part-17) Oil & Grease mg/l. IS 3025 (Part-39) B.O.D. (3 days at 27°C) mg/l. IS 3025 (Part-44) C.O.D. mg/l. APHA 5220 B Dissolved Phosphate as P mg/l. APHA (4500-P-D) Fluoride as F mg/l. APHA 4500 (F D) Ammonical Nitrogen as N mg/l. IS 3025 (Part-34)	PH at 25°C IS 3025 (Part-11) 5.5 to 9.0 Suspended Solids mg/l. IS 3025 (Part-17) 100.00 Oil & Grease mg/l. IS 3025 (Part-39) 10.00 B.O.D. (3 days at 27°C) mg/l. IS 3025 (Part-44) 30.00 C.O.D. mg/l. APHA 5220 B 250.00 Dissolved Phosphate as P mg/l. APHA (4500-P-D) 5.00 Fluoride as F mg/l. APHA 4500 (F D) 2.00 Ammonical Nitrogen as N mg/l. IS 3025 (Part-34) 50.00

Arsh kumasi

Reviewed by:

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Patlibutra Colom\

intha Road

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

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Patna - 800 013 (Bihar) Contact us: +918676886249

+919431047908

Email: coo@shivatesthouse.in cao@shivatesthouse.in

TEST REPORT



OMSKIVA TEST HOUSE PVT LTD

Americe - B1

STH/24/07/113

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/113

Date of Sampling

08.07.2024

Sample Received on Method of Sampling

Sample Collected by

09.07.2024 IS 3025, APHA

Inv. Condition

Temp.

32°C

Humidity

64%

Sample Quantity &

Container

2 L.; Polypropylene Bottle (02) Mr. Vinay Kumar; Lab Representative Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

3400004168

CPU Inlet

Effluent Sample

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/113

Analysis Start Date

09.07.2024

Analysis Completion Date

,14.07.2024

Sample Condition on Receipt

Fit for analysis As per request

Items required to be Tested Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C		IS 3025 (Part-11)	7.83
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	161.0
3.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)	500.0
4.	C.O.D.	mg/l.	IS 3025 (Part-58)	1640.0



Reviewed by:

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Shryan

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

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Patna - 800 013 (Bihar) Contact us : +918676886249

Email: coo@shivatesthouse.in cao@shivatesthouse.in

+919431047908

App Store Google Play

OMSHIVA TEST HOUSE PVT LTD

Annewse BL

STH/24/07/114

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/114

Date of Sampling

08.07.2024 09.07.2024

Sample Received on Method of Sampling

IS 3025, APHA

Inv. Condition

Temp.

32 °C

Humidity

64%

Sample Quantity &

Sample Collected by

Container

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

W.O No.:

3400004168

CPU Outlet

Effluent Sample

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/114

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt Items required to be Tested

Fit for analysis As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	pH at 25°C		IS 3025 (Part-11)	8.33
2.	Suspended Solids	mg/l.	IS 3025(Part-17)	15.0
3.	B.O.D. (3 days at 27 ⁰ C)	mg/l.	IS 3025 (Part-44)	9.0
4.	C.O.D.	mg/l.	IS 3025 (Part-58)	50.0



Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager: Dr. (Mrs.) Shreyasee Prasad

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Head Office:

122-C, Aastha, Road No. 5A.

Patliputra Colony, Patna – 800 013 (Bihar) Contact us: +918676886249

Email: coo@shivatesthouse.in cao@shivatesthouse.in

+919431047908

OMSHIVA TEST HOUSE PVT LTD STH/24/07/115

Annenue - 8-1

TEST REPORT

Name and Address of Customer:

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

VILL. DEVRI

P.O.: GARHANI

ARRAH

DIST. BHOJPUR - 802 203

Laboratory Provided Details:

ULR Number

STH/TR/24-25/07/115

Date of Sampling

08.07.2024

Sample Received on

09.07.2024

Method of Sampling Énv. Condition

IS 3025, APHA

Sample Quantity &

Sample Collected by

Container

Temp.

32°C

Humidity

64%

2 L.; Polypropylene Bottle (02)

Mr. Vinay Kumar; Lab Representative

Information by Customer:

Name / Nature of Sample:

Location of Sampling:

Effluent Sample Aeration Tank

W.O No.:

3400004168

WO Date:

14.08.2024

Analysis Details:

Sample Code

STH/24/07/115

Analysis Start Date

09.07.2024

Analysis Completion Date

14.07.2024

Sample Condition on Receipt

Fit for analysis

Items required to be Tested

As per request

Any Specific Test Method

No

Reporting Date

21.07.2024

ANALYSIS RESULTS

Sl. No.	Parameters	Unit	Method of Test	Results
1.	Mixed Liquor Suspended Solids (MLSS)	mg/l		1880.0
2.	Mixed Liquor Volatile Suspended Solids (MLVSS)	mg/l	IS 3025 (Part-17)	1530.0



Anshu kumari

Authorized Signatory: S.S. Rukhaiyar, Sec. I/c (Effluent)

---- END OF REPORT ----

Quality Manager:

Dr. (Mrs.) Shreyasee Prasad

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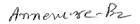














Welcome : bdbplara

Government of India Ministry of Jal Shakti

Department of Water Resources, River Development and Ganga Rejuvenation Central Ground Water Authority (CGWA)



Application for Issue of NOC to Abstract Ground Water (NOCAP)

revious Login Date Time: 09/12/2024 10:57:46 AM , IP Address: 125.20.107.106									
Applicant Home	Apply	Feedback	Change Passy	vord	Update PAN	Profile	Grievance	Submitted Application Payment	
User Request	Applicatio	n Pass Book	Upload IAR	Upk	oad Attachment	Paymen	it for Associate		

Application Status Information Guidelines Steps for Filling Online 21-4/146/BR/IND/2012 Application No : Application Receive Date : 05/11/2024 Documents Name of Industry: BIHAR DISTILLERS AND BOTTLERS PVT. LTD. Required Application Processing Rs. 5000.00/- (Rupees Five Thousand Only) (Submitted: Yes) Fee: Documents Required for Online Application Ground Water Ground Water Quality Approved Industrial Abstraction/Restoration Infrastructure Charge : Ground Water Charge Required: Not Define Mining Charge: Track Status Arear S.No. Amount Total Ref No Date Status View Amount Application Status 100000.00 100000.00 1504240057328 15/04/2024 Success Ground water Online abstraction charge View Location Arear: Area Type Segment-B Area Type ☐ Environment Compensation Regional office Annual Location Date Daily Quantum Date Area Type Reason SN Quantum Rate Amount Remark CGWA Headquarters (m3/day)(KLD) Category (m3/Year)(KLY) Know Your Environmental No Record Exists. Compensation(EC) Know Your Penalty Current Stage : Application Processing Stage Ground Water Abstraction/Restoration **Current Status:** In Process Charges Address: Central Ground Water Authority 18/11, Jamnagar House, Man Singh Road NEW DELHI Reports Applied for NOC -Online **Current Status** NOC Issued-Online Application Verification Action Copy of Contact Us From User Forwarded Action Receive Date To User Name **Action Date** Internal Application **User Name** Name Comment Status Received On Contact 16/04/2024 (Evaluation 26/07/2024 Reject You are Officer) advised to fill Central and submit Ground Water self inspection

Authority

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Receive Date	From User N		ser Name	,	Name Action Date					Action Commen	
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भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:				Bihar	Bihar Distillers And Bottlers Pvt. Ltd.											
Project Address:				Villag	Village- Devadi, Block- Garhani,, Tehsil- Ara (sadar), District- Bhojpur,											
Village:				Deorl	Deorhi					(: A	Ara					
District:				Bhojp	ur	e ali cesco con esta el cita de la cita de l	latini tra serrite a naramente a este libra el Facesar	ideo and a combine of the fire and the discount likely pour consider	State	: В	ihar		ystem ot og dermyfer omgys, yn deryn, e	e de la colonia de la completa de la completa de la colonia de la colonia de la colonia de la colonia de la co		
Pin Code:																
Communication Address:					M/s Bihar Distillers And Bottlers Pvt. Ltd., S.c.o. 140-141, Sector 34-a Chandigarh, Chandigarh, Chandigarh - 160022											
Address of CGWB Regional Office :					Central Ground Water Board Mid Eastern Region, 6th & Damp; 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road Dak Banglow, Patna, Bihar - 800011											
1.	. NOC No.: CGWA/NOC/IND/REN/1/2022/7162															
2.	Application	R/IND/20						gory: RE 2020		Safe						
4.	Project Sta	atus:	Existing G	ound Wa	ıd Water 5. N				NOC	Type:	[1	Renewal				
6.	Valid from: 10/06/2021				7. \					Valid up to:			09/06/2024			
8.	Ground W	ater Abst	traction Pern	itted:	in and standard and the			\$			***************************************	······································				
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Abstraction Structure* 0 *DW- Dug Well; DCB-Dug-cum-Bore Well; BW-			0	2	0	0	0	0	0	1	0	0	0			
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way was a second	. Ground Water Abstraction/Restoration Charges paid (Rs.):									10560450.00 ,						
11.	Number of Piezometers (Observation wells) to be constructed/monitored & Monitoring mechanism.						No. of	Piezome	eters	Monitoring Mechanism Manual DWLR** DWLR With Telemetry						

(Compliance Conditions given overleaf)

**DWLR - Digital Water Level Recorder

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

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Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / tube wells / tube wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt, approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA),
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water,
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)