15th July'2024

To
The Member Secretary,
State Pollution Control Board,
A/118, Nilakantha Nagar, Unit - VIII,
Bhubaneswar, Odisha 751012

Sub: Submission of the Environmental statement in Form- V under Environmental (Protection} Rules, 1986 in respect of M/S Boudh Distillery Pvt. Ltd. for the year 2023-2024

Dear Sir,

We are submitting herewith the Environmental Statement in Form-V, prescribed under rule 14 of the above mentioned rules, For the financial year 2023-2024 in respect of our distillery plant of M/s Boudh Distillery Pvt. Ltd, Unit At: Titerikata, Dist: Boudh, Odisha.

This is your kind information and necessary record. Thanking You.

Very Truly Yours,
Boudh Distillery Pvt Ltd

Rajani Kant Mall
(Unit Head)

No..... Dt.....
RECEIVED
15 JUL 2024
ORISSA
S.P.C. BOARD
BHUBANESWAR-12

Copy to: Regional Office, State Pollution Control Board, Balangir.

BOUDH DISTILLERY PVT. LTD.
Head Office: Plot No- C - 84, Palashpalli, Airport Area, Bhubaneswar - 751020 , India, Contact: +91-674-2593590
Plant: Titerikata, PO-Ramvikata, Tehsil-Harbhanga, Dist.-Boudh - 762024, Odisha, India, Contact: +91-6841-222100
Regd. Office: Gunjan Apartments 11, Palm Avenue, Flat 1C Ballygunge, Kolkata-700019, India, CIN: U15311WB2008PTC131544
www.boudhdistillery.com info@boudhdistillery.com

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2024

PART-A

(i)	Name and address of the owner/ occupier of the industry	Boudh Distillery Pvt. Ltd, Mr. Ritesh Sahu, Factory Occupier C-84,Palaslpalli Airport Area Bhubaneswar 751020
(ii)	Industry category Primary-(STC Code) Secondary- (STC Code)	RED(Category) Distillery plant 1060
(iii)	Production category – Units.	Distillery Plant: 120 KL/DAY Captive Power Plant: 5 M\VH
(iv)	Year of establishment	2016
(v)	Date of the last environmental statement submitted.	Last year Submitted date -29th Sep, 2023

PART –B

Water and Raw Material Consumption:

i. Water consumption in m^3/d

Sr No	Source	During The Current Year 2022- 2023	During The Current Year 2023- 2024
(i)	Process	480	896
(ii)	Cooling	75	202
(iii)	Domestic	9	10
	Total	**564**	**1108**

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
1. EXTRA NEUTRAL ALCOHOL	7.59 Liters/BL	8.84 Liters/BL

ii. Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit ofoutput	
		During the previous financial year	During the current financial year
Bracken rice (Not fit For Human Consumption)	Extra Neutral Alcohol	1.97 Kg/BL	2.07 Kg/BL
Coal	Extra Neutral Alcohol	1.47 kg/ BL (Reported final Product instead of Power Generation)	1.69 kg/ BL (Reported on final Product instead of Power Generation)

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity -of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a) Water	Not Specified		All values are maintained within SPCB norms.
PH		6.53	
BOD		18 mg/l	
COD		60 mg/l	
TSS		5.52 mg/l	
Oil and Grease		<1 mg/l	
(b) Air	Not Specified		All values are maintained within SPCB norms.
PM		49.4 mg/ Nm^3	
SOX		120.10 mg/ Nm^3	
NOX		82.10 mg/ Nm^3	

PART-D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules,1989)).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1. From Process	0.170 T/A	0.180 T
2. From Pollution Control Facilities	Nil	Nil

PART – E

SOLID WASTES:

		Total Quantity(liter/ Kg/ MT)	
		During the previous financial year 2022-2023	During the current financial Year 2023-2024
(a)	From process: (1) Fly ash (2) Raw Spent wash	 13607.6 MT 143244.8 KL	 27588.9 MT 316645 KL
(b)	From pollution control facility	Nil	Nil
(c)	(I) Quantity recycled or re-Utilized within the unit	Total raw spent wash is used to produce DDGS as by product	Total raw spent wash is used to produce DDGS as by product.
	(2.) Sold	Total Fly ash generated from power· plant is provided to local Brick Industry.	Total Fly Ash generated from power plant is provided to local Brick industry
	(3) Disposed	Nil	Nil

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Category of waste	Characteristics	Quantity	Disposal Practice
1. Used Oil	Liquid	0.180 T/A	Hazardous waste are disposed off to register recyclers according to applicable Hazardous Waste Management rule.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

- ETP' and PCTP both unit are installed with proven technology to Achieve Zero Liquid Discharge and we are also monitoring ZLD.
- Installed Electro-Static precipitator (ESP) at our Captive Power Plant having four fields to control particulate emission as well as Installed Fly Ash silo to store the Boiler Ash.
- Most of the pollutants generated are controlled at source by Air pollution control facilities like Bag filters, Electro Static Precipitator and Water Sprinklers.
- Solid waste generated like fly ash is disposed 100% to Fly ash brick manufacturers.
- Water Audit conducted for water saving techniques.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- We have introduced the discipline 4R (Reduce, Re-use, Recover and Recycle) in our industry as well as arranging time to time trainings to the operators to educate as well as to be more concern about environment.
- we have installed Continuous Emissions Monitoring. System (CEMS) with the guidance of Environment Experts
- We have installed Suspended Particulate Matter (SPM) monitoring in our stack
- We have organized for our Employees to attend' Seminars and Trainings to gain knowledge as well as to implement the things as per the instructions and suggestions collected from the seminars and trainings.
- Continuously spraying insecticide by spray machine and defogging machine in and surrounding the factory to kill the flies and mosquitoes.
- Awareness promotion through various Environmental Training, Environmental Competitions on World Environment Day (WED).
- Bio Compost machine installed for Food Waste recycling.

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

Following initiatives are taken to improve the Environment:

- Near about 15 acres of land in the project area has been developed as green belt, around 10k saplings with other trees are planted.
- The company has a robust CSR policy with emphasis on areas like, Livelihood Initiatives, Education, Health, Infrastructure and Environment.
- ESP 04 Nos. Field in our CPP to control particulate emission installed.
- Boiler Ash Silo to store the Boiler Ash.
- We have 11 nos. of Rain Water Harvesting structure to collect roof top water.
- We have ETP and PCTP to adopt Zero Liquid Discharge (ZLD).
- We have in-house laboratory to check parameters like BOO, COD, pH, TDS, Alkalinity, VFA, TSS etc.
- We have CEMS to monitor the parameters of PM, SO2 and NOx.
- Sprinklers installed in Coal handling plant