



PRABHA ENERGY PRIVATE LIMITED

PEPL/NKCBM/HSE/MOEF/2020/3

Date: 12th May 2020

To,
The Member Secretary
Jharkhand State Pollution Control Board
Township Building, HEC Complex, Dhurva
Ranchi - 834004
Jharkhand

Subject: Environmental Statement for the financial year ending 31st March 2020 in FORM V for "Development of North Karanpura CBM Block NK-CBM-2001/1 in Jharkhand State".

Dear Sir,

Kindly find attached herein the Annual Environmental Statement for the financial year ending 31st March 2020 in FORM V as mandated vide General Conditions of the environmental clearance granted by MOEF vide Ministry's letter no. J - 11011/228/2012 - IA. II (I) dated 12th May 2015.

Thanking you,
Yours truly,
For Prabha Energy Private Limited

Dr. Shailendra K Singh
Project Manager

CC:

- 1) The Ministry of Environment, Forest and Climate Change; Regional Office, Ranchi; Bunglow No. A-2, Shyamali Colony, Doronda, Ranchi - 834002

Enclosure: Environmental Statement for the financial year ending 31st March 2020
ENVIRONMENTAL STATEMENT FORM-V

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31st March 2020

PART-A

- i.* Name and address of the owner/
Occupier of the industry
Operation or process : **Prabha Energy Private Limited,
12A, Abhishree Corporate Park
Opposite Swagat Bunglows BRTS Bus Stop,
Ambli - Bopal Road, Ambli,
Ahmedabad, Gujarat 380058**
- ii.* Industry category Primary- : **Red**
(STC Code) Secondary- (SIC Code)
- iii.* Production category-Units. : **Not Applicable**
- iv.* Year of establishment : **2017 (Preparatory arrangements
commenced)**
- v.* Date of the last environmental : **21st May 2019**
Statement submitted.

PART -B

i. Water and Raw Material Consumption : **Water required for drilling**

ii. Water consumption in m³/d : **23.05 m³/day**

Process : **Drilling**

Cooling

Domestic

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
Coal-bed Methane (CBM) Gas	Not Applicable	Not Applicable

iii. Raw material consumption

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
There are no raw materials involved in the production of CBM gas. Naturally occurring CBM Gas is extracted from the coal seams at well pads.		Nil	Nil

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

Pollution discharged to environment/ : **No pollution is discharged to environment**
Unit of output

(Parameter as specified in the consent is sued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a)Water	238 cu.m./day water is discharged from the CBM production wells	The discharged water is analysed periodically and meets the standards set by CPCB	There are no variations
(b)Air	Not Applicable	Not Applicable	Not Applicable

PART-D

i. **HAZARDOUS WASTES** : **No Hazardous Wastes is discharged to environment**

(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	Not Applicable	Not Applicable
2. From Pollution Control Facilities		

PART – E

i. *Solid Waste* : **Drilling cuttings are solid waste**

Solid Wastes	Total Quantity(m ³)	
	During the previous financial year	During the current financial year
a. From process	4290 m³	2735 m³
b. From Pollution Control Facility	Not Applicable	Not Applicable
c. Quantity recycled or re-utilized within the unit.	Not Applicable	Not Applicable

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.

- Hazardous Waste: Presently no hazardous waste is generated.
- Non-Hazardous Waste: Drill cuttings are non-hazardous inert material and are being used for construction activities like back filling of low lying areas, construction of well pads, road filling etc.

PART-G

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

Not Applicable

PART - H

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

No pollution is generated from drilling Process

PART -I

Any other particulars for improving the quality of environment.

Tree plantation taken up along existing well sites.