



NORTH KARANPURA CBM PROJECT
(CONSORTIUM OF ONGC, IOCL AND PEPL)

PEPL/NKCBM/HSE/MOEF/2022/02

Date: 26th April 2022

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 2022 in FORM V for "Development of North Karanpura CBM Block NK-CBM-2001/1 in Jharkhand State".

Dear Sir,

Kindly find attached herein the Environmental Statement for the financial year ending 31st March 2022 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 2022

PRABHA ENERGY PRIVATE LIMITED (CONSORTIUM JOINT OPERATOR)

Ranchi Office: 4th Floor, Rishab Complex, Opp Ashoknagar Road No 4, Landmark: Above Bank of India, Ranchi – 834 002

Regd Office: 12 A, Abhishree Corporate Park, Opp. Swagat BRTS Bus Stop, Ambli – Bopal Road, Ahmedabad – 380 058

Tel: (02717)298510, 9909009898 Fax:(02717)298520, Email: info@prabhaenergy.com , CIN:U 40102 GJ2009 PTC 057716

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31st March 2022

PART-A

- a) 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**
- b) Industry category Primary-
(STC Code) Secondary- (SIC Code) : **Red**
- c) Production category-Units. : **Not Applicable**
- d) Year of establishment : **2017 (Preparatory arrangements
commenced)**
- e) Date of the last Environmental
Statement submitted. : **04th June 2021**



PART -B

- a) Water and Raw Material Consumption : Fresh Water required for Cementing, Effluent Water required for Drilling and Hydro-fracturing operation.
- b) Water consumption in m³/d : 3.93 m³/day
- Process : Cementing Operation*
- 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

**In Drilling as well as HF Operation, Effluent Water from producing wells (De-watering water) is used. Only in cementing process, Fresh Water is required as strong bonding is necessary within the wells.*

- c) 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



PART-C

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

(Parameter as specified in the consent is used)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a)Water	433 m ³ /day water has been discharged through CBM production.	The discharged water is analyzed periodically and meets the standards set by CPCB	There are no variations
(b)Air	Not Applicable	Not Applicable	Not Applicable

PART-D

a) Hazardous Wastes : **No Hazardous Waste 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
i. From Process	Not Applicable	Not Applicable
ii. From Pollution Control Facilities		



PART – E

a) Solid Waste : Drilling cuttings are Solid Waste

Solid Wastes	Total Quantity(m3)	
	During the previous financial year	During the current financial year
i. From process	78 m ³	1278.98 m ³
ii. From Pollution Control Facility	Not Applicable	Not Applicable
iii. Quantity recycled or reutilized 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.

