



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

PEPL/NKCBM/HSE/MOEF/2021/4

Date: 04th June 2021

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 2021 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 2021 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

A Singh

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 2021

PRABHA ENERGY PRIVATE LIMITED (CONSORTIUM JOINT OPERATOR)

Ranchi Office: 4th Floor, Rishab Complex, Opp Ashoknagar Road No 4, Landmark: Above Bank of India, Ranchi - 834002
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 2021

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. : **12th May 2020**

PART -B

- a) Water and Raw Material Consumption : **Water required for Drilling, Cementing and Hydro-fracturing operation.**
- b) Water consumption in m³/d : **24.52 m³/day**
- Process : **Drilling, Cementing and Hydro-fracturing**
 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 |

- 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 |

*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

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 | 784 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 | 2735 m ³ | 78 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.