



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000073000

Submitted Date

28-09-2024

PART A

Company Information

Company Name

Redi Iron Ore Mine of M/s. Gogte Minerals

Application UAN number

MPCB-CONSENT-0000193450

Address

146, Tilakwadi, Belgaum

Plot no

9, 24, 46-48, 50-53, 57-60, 26, 28, 29, 32, 33 34

Taluka

Vengurla

Village

Redi

Capital Investment (In lakhs)

571

Scale

L.S.I.

City

Sindhudurg

Pincode

416517

Person Name

Sreenivasa Rao Purre

Designation

Mines Manager

Telephone Number

8600105436

Fax Number

Email

gogte.minerals@gmail.com

Region

SRO-Ratnagiri

Industry Category

Red

Industry Type

R35 Mining and ore beneficiation

Last Environmental statement submitted online

yes

Consent Number

Format1.0/APAE Section/UAN
No.MPCBCONSENT-0000193450/CR/2403001465

Consent Issue Date

2024-03-15

Consent Valid Upto

2029-03-31

Establishment Year

2010

Date of last environment statement submitted

Sep 29 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Iron ore, Mobile Screening and Crushing

Consent Quantity

0.36800000

Actual Quantity

0.36795267

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

| Water Consumption for Process | Consent Quantity in m3/day | Actual Quantity in m3/day |
|-------------------------------|----------------------------|---------------------------|
| Cooling | 200.00 | 190.00 |
| Domestic | 8.00 | 5.00 |
| All others | 15.00 | 12.00 |
| Total | 223.00 | 207.00 |

2) Effluent Generation in CMD / MLD

| Particulars | Consent Quantity | Actual Quantity | UOM |
|-------------|------------------|-----------------|-----|
| Domestic | 6.5 | 4.0 | CMD |

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

| Name of Products (Production) | During the Previous financial Year | During the current Financial year | UOM |
|-------------------------------|------------------------------------|-----------------------------------|-----|
| Mining | 0 | 0 | CMD |

3) Raw Material Consumption (Consumption of raw material per unit of product)

| Name of Raw Materials | During the Previous financial Year | During the current Financial year | UOM |
|-----------------------|------------------------------------|-----------------------------------|-------|
| NA | 0 | 0 | Ltr/A |

4) Fuel Consumption

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|--------------|------------------|-----------------|-------|
| Diesel (HSD) | 0 | 0 | Ltr/A |

Part-C

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

[A] Water

| Pollutants Detail | Quantity of Pollutants discharged (kL/day) | Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour | Percentage of variation from prescribed standards with reasons | Standard | Reason |
|-------------------------|--|--|--|----------|--------------|
| | Quantity | Concentration | %variation | | |
| BOD (3 Days 27degree C) | 0 | 15.2 | 0 | 100 | No variation |
| Suspended Solids-mg/l | 0 | 20 | 0 | 100 | No Variation |

[B] Air (Stack)

| Pollutants Detail | Quantity of Pollutants discharged (kL/day) | Concentration of Pollutants discharged(Mg/NM3) | Percentage of variation from prescribed standards with reasons | Standard | Reason |
|-------------------|--|--|--|----------|--------------|
| | Quantity | Concentration | %variation | | |
| SO2- Kg/Day | 0 | 0.03 | 0 | 0.2 | No Variation |

Part-D

HAZARDOUS WASTES

1) From Process

| Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---------------------------------------|--------------------------------------|-------------------------------------|--------|
| 5.1 Used or spent oil | 5.230 | 5.850 | KL/A |
| 5.2 Wastes or residues containing oil | 30 | 215 | Nos./Y |
| 5.2 Wastes or residues containing oil | 0 | 0.240 | MT/A |

2) From Pollution Control Facilities

| Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|----------------------|--------------------------------------|-------------------------------------|------|
| 0 | 0 | 0 | MT/A |

Part-E

SOLID WASTES

1) From Process

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|------------------------------------|--------------------------------------|-------------------------------------|-------|
| Overburden generated during mining | 1035717.94 | 397202.59 | Ton/Y |

2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| NA | 0 | 0 | MT/A |

3) Quantity Recycled or Re-utilized within the unit

| Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|------------|--------------------------------------|-------------------------------------|------|
| 0 | 0 | 0 | MT/A |

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.

1) Hazardous Waste

| Type of Hazardous Waste Generated | Qty of Hazardous Waste | UOM | Concentration of Hazardous Waste |
|---------------------------------------|------------------------|--------|----------------------------------|
| 5.1 Used or spent oil | 5.850 | KL/A | NA |
| 5.2 Wastes or residues containing oil | 215 | Nos./Y | NA |
| 5.2 Wastes or residues containing oil | 0.240 | MT/A | NA |

2) Solid Waste

| Type of Solid Waste Generated | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|---|--------------------|-------|------------------------------|
| Overburden generated during Iron Ore Mining | 397202.59 | Ton/Y | NA |

Part-G

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

| Description | Reduction in Water Consumption (M3/day) | Reduction in Fuel & Solvent Consumption (KL/day) | Reduction in Raw Material (Kg) | Reduction in Power Consumption (KWH) | Capital Investment(in Lacs) | Reduction in Maintenance(in Lacs) |
|-------------|---|--|--------------------------------|--------------------------------------|-----------------------------|-----------------------------------|
|-------------|---|--|--------------------------------|--------------------------------------|-----------------------------|-----------------------------------|

| | | | | | | |
|---|---|-----|---|---|----|---|
| Improvement in the efficiency of fuel consumption % | 0 | 6.5 | 0 | 0 | 00 | 0 |
|---|---|-----|---|---|----|---|

Part-H

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

[A] Investment made during the period of Environmental Statement

| <i>Detail of measures for Environmental Protection</i> | <i>Environmental Protection Measures</i> | <i>Capital Investment (Lacks)</i> |
|--|--|--|
| Environmental monitoring, Plantation, Silpaulin covering, Dust suppression etc | Desilting, Pitching, Geotextile covering, Garland drains etc | 64.02 |

[B] Investment Proposed for next Year

| <i>Detail of measures for Environmental Protection</i> | <i>Environmental Protection Measures</i> | <i>Capital Investment (Lacks)</i> |
|---|--|--|
| Plantation, Silpaulin covering, Dust suppression etc | Plantation, Silpaulin covering, Dust suppression etc | 100 |

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Dumps are covered with Geotextiles, Rain water harvesting, Plantation, Dust suppression etc.

Name & Designation

Sreenivasa Rao Purre - Mines Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000073000

Submitted On:

28-09-2024