



# 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-0000074696

### Submitted Date

30-09-2024

## PART A

### Company Information

#### Company Name

M/s. Western Coalfields Limited, Umrer Opencast Mine

#### Application UAN number

MPCB-CONSENT-0000107261

#### Address

Sub Area Manager, Umrer OC Mine, Near village WayagaonGhoturli, P.O. Umrer Project, Tehsil: Umred, Dist. Nagpur, Pin 441204, Maharashtra.

#### Plot no

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#### Taluka

Umred

#### Village

Shirpur

#### Capital Investment (In lakhs)

35412.00

#### Scale

LSI

#### City

Nagpur

#### Pincode

441204

#### Person Name

Amarnath Yadav

#### Designation

Sub Area Manager

#### Telephone Number

7587707124

#### Fax Number

07116247374

#### Email

samusawcl@gmail.com

#### Region

SRO-Nagpur II

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/BO/CAC-Cell/CAC-UAN no.65263/CAC-1910000121

#### Consent Issue Date

2022-09-11

#### Consent Valid Upto

2024-03-31

#### Establishment Year

1963

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

4.90

#### Actual Quantity

3.11

#### UOM

MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

CMD

## 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	700.00	700.00
Domestic	0.00	0.00
All others	726.00	726.00
Total	0.00	0.00
	1426.00	1426.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Mine Discharge	2650	2646	CMD
Mine Discharge	2650	2646	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
Coal(Cubic meter/Tone)	0.072	0.208	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
Explosive(Kg/Tonne)	0.426	0.290	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
-	0	0	CMD

## 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
Report Enclosed	0	0	%variation	0	0

#### [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
Not Applicable	0	0	%variation	0	0

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	16.90	18.08	KL/A
35.3 Chemical sludge from waste water treatment	18.65	42.51	Ton/Y
33.2 Contaminated cotton rags or other cleaning materials	9.82	4.11	Ton/Y

**Part-E**

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Overburden	3650576	3087250.5	M3/Anum

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
-	0	0	CMD

**3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	CMD

**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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used oil/spent oil	18.08	KL/A	Sold to authorized recycler
35.3 Chemical Sludge from Wastewater treatment	42.51	Ton/Y	Disposed at CHWTSDF
33.2 Contaminated cotton rags and air filters	4.11	Ton/Y	Disposed at CHWTSDF

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Over Burden	3087250.497	M3/Anum	Onsite OB dump (Back filling)

**Part-G**

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
-	0	0	0	0	0	0

## Part-H

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

**[A] Investment made during the period of Environmental Statement**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Capital Expenditure	Environmental Works	1.58
Revenue Expenditure	Plantation and Dust suppression	186.36

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**[B] Investment Proposed for next Year**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Proposed Capital Budget	Environmental works	1
Proposed Revenue Budget	Plantation and Dust suppression	100.83

## Part-I

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**Any other particulars for improving the quality of the environment.**

**Particulars**

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**Name & Designation**

Amarnath Yadav, Sub Area Manager, Umrer Sub Area

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000074696

**Submitted On:**

30-09-2024