



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061868

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Patansaoungi Expansion Underground Mine project of M/s Western Coalfields Ltd., Nagpur (A subsidiary of Coal India Ltd, GOI-U/T MINE

#### Application UAN number

UAN No. 90063 dated 29.02.2020

#### Address

Office of the Mine Manager, Patansaoungi Expansion UG Coal Mine project of WCL, Nagpur Area

#### Plot no

47

#### Taluka

Saoner

#### Village

Patansaoungi

#### Capital Investment (In lakhs)

2415.52

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441113

#### Person Name

Shri. Ajit Halder

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

8275967574

#### Fax Number

07122643547

#### Email

patansaongiugminemanager@yahoo.com, sam-sil.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

BO/JD(APC) UAN NO 90063/R/CC-142/2020

#### Consent Issue Date

2020-09-30

#### Consent Valid Upto

31.03.2025

#### Establishment Year

1976

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

0.3

#### Actual Quantity

0.037142

#### UOM

MT/A

### By-product Information

#### By Product Name

Nil

#### 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	0.00	0.00
Domestic	1200.00	450.00
All others	5000.00	273750.00
<b>Total</b>	<b>6650.00</b>	<b>275370.00</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent (Only mine discharged water-no mixing)	5000	4300	CMD
Domestic Effluent	240	270	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	7979558.27945738	11497765.33	

### 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 used for blasting purpose	573475.092492246	613972.3224	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	944	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		
As per the attached Environment Monitoring report	0	0	0	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
	Quantity	Concentration	%variation		
Not applicable	0	0	Not applicable	Not applicable	Not applicable

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

#### 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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	CMD	Not applicable

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	CMD	Not applicable

## 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)
Impact of the pollution Control measures taken	100	-0.002449315	-7887.08	349665	2415.52	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 Investment	Implementation of the Air and water pollution Control Measures	0

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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>
Capital Investment	Implementation of the Air and water pollution Control Measures	105.65

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## Part-I

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

#### Particulars

Deployment of 1 no. CAAQMS.

#### Name & Designation

Shri. Ajit Halder, Sub Area Manager, Patansaoungi UG Mine, Silewara Sub Area, WCL Nagpur Area

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000061868

#### Submitted On:

30-09-2023



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061821

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Singhori Opencast Coal Mine Expansion Project of M/s Western Coal fields Limited, (A subsidiary of Coal India Ltd. Govt. of India Undertaking

#### Application UAN number

MPCB-CONSENT-0000107465

#### Address

Office of the Sub Area Manager, Bhanegaon Singhori Sub Area, WCL Nagpur Area

#### Plot no

Topo Sheet No 55-O/3, Village Singhori

#### Taluka

Paresoni

#### Village

Coal Mining Area in Maharashtra

#### Capital Investment (In lakhs)

12472.57

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441105

#### Person Name

Shri. Avinash Prasad

#### Designation

General Manager (Mining)/Sub Area Manager

#### Telephone Number

8275970851

#### Fax Number

07122643547

#### Email

avinashprasad@coalindia.in, sambssa.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/CC/UAN  
No.0000107465/CR-2112001542

#### Consent Issue Date

2021-12-27

#### Consent Valid Upto

2023-03-31

#### Establishment Year

2018

#### 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

1.2

#### Actual Quantity

1.20

#### 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	296.00	840.00
Domestic	0.00	0.00
All others	40.00	65.00
Total	4044.00	0.00
	4380.00	905.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	3725	3865	CMD
Domestic effluent	20	39	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
Minerals	273752.199794	255500	

### 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 used for blasting purpose	1122531.34177	1211600.833	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	63215	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		
Environment Monitoring reports uploaded	0	0	0	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
	Quantity	Concentration	%variation		
Not applicable on Coal mines	0	0	Not applicable on Coal mines	Not applicable on Coal mines	Not applicable on Coal mines

## Part-D

## HAZARDOUS WASTES

### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

## Part-E

## SOLID WASTES

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Overburden (soil)	2346900	2865975	M3/Anum

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Not applicable	0	0	MVA

### 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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0		0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Overburden	2865975	M3/Anum	Soil

## 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)
Impact of the pollution Control measures taken	-535	-0.116794521	196696	1025580	12472.57	29.61

## 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	Implementation of the Air and water pollution Control Measures	0

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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>
Capital Expenditure	Implementation of the Air and water pollution Control Measures	102.47162

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**Part-I**

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

**Particulars**

Deployment of 1 no. CAAQMS

**Name & Designation**

Shri. Avinash Prasad, Sub Area Manager, Singhori OC Expansion project under Bhanegaon-Singhori Sub Area of WCL, Nagpur Area

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000061821

**Submitted On:**

30-09-2023





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061840

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Silewara Underground Coal Mines  
Project of M/s Western Coalfields Ltd. ( A  
subsidiary of Coal India Ltd, Gol-U/T

#### Application UAN number

MPCB-CONSENT-0000134043

#### Address

Office of the Sub Area Manager,  
Silewara UG Coal Mines, Post Silewara,  
Tehsil Saoner Distt Nagpur

#### Plot no

161

#### Taluka

Saoner

#### Village

Silewara

#### Capital Investment (In lakhs)

3630.76

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441113

#### Person Name

Shri. Ajit Halder

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

8275967574

#### Fax Number

07103268128

#### Email

rbthakrewclsilewara@yahoo.com, sam-  
sil.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/APAE Section/UAN  
No.0000134043/CR/2207001075

#### Consent Issue Date

2022-07-22

#### Consent Valid Upto

2024-03-31

#### Establishment Year

1967

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

0.55

#### Actual Quantity

0.052206

#### UOM

MT/A

### By-product Information

#### By Product Name

No by product generated during coal mining as it is a Underground Coal Mine

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

## 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	5450.00	5450.00
Domestic	0.00	0.00
All others	2250.00	2250.00
Total	300.00	300.00
	8000.00	8000.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	3320	299.1780822	CMD
Domestic Effluent	1350	1350	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	25503205.1282051	38103857.79	

### 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 used for blasting purpose	338307.692307692	381412.0982	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	1737	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		
Air & Water quality monitoring report uploaded	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
	Quantity	Concentration	%variation		
Not Applicable	0	0	-	-	-

## Part-D

## HAZARDOUS WASTES

### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-E

## SOLID WASTES

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD
NA	0	0	CMD

### 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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	CMD	0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	CMD	0

## 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)
Impact of the pollution Control measures taken	299.1780821918	0.00220274	6476	-1326440	3630.76	-51.09

## 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	Implementation of Air and water Pollution Control Measures	0

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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>
Capital Expenditure	Implementation of Air and water Pollution Control Measures	13.936

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## Part-I

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

#### Particulars

Deployment of CAAQMS.

#### Name & Designation

Shri. Ajit Halder, Sub Area Manager, Silewara UG Mine under Silewara Sub Area, WCL Nagpur

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000061840

#### Submitted On:

30-09-2023



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061855

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Expansion of Saoner Underground Coal Mine of M/s Western Coal fields Limited ,(A subsidiary of Coal india Limited, GOI-U/T

#### Application UAN number

MPCB-CONSENT - 0000107356

#### Address

Office of the Sub Area Manager, Saoner Underground Coal Mine, Saoner Sub Area, WCL - Nagpur Area

#### Plot no

0105(OLD)/74-75(New) Waghoda Gram Panchayat

#### Taluka

Saoner

#### Village

Borgaon

#### Capital Investment (In lakhs)

10632.01

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441107

#### Person Name

Shri. Mithilesh Kumar

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

08275970790

#### Fax Number

07122643547

#### Email

saonerugminemanager@yahoo.com, sam-snr.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Formate1.0/CC/UAN  
NO.0000107356/CR-2108000715

#### Consent Issue Date

2021-08-11

#### Consent Valid Upto

2025-03-31

#### Establishment Year

1986

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

1

#### Actual Quantity

0.444391

#### UOM

MT/A

### By-product Information

#### By Product Name

Nil

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

M3/Anum

## 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	0.00	0.00
Domestic	368.70	468.70
All others	7109.00	0.00
<b>Total</b>	<b>15677.70</b>	<b>8568.70</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	7108.5	7109	CMD
Domestic Effluent	110	281.22	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	6506768.66803265	6652925.014	

### 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 used for blasting purpose	476445.189304822	492861.9617	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	19777	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		
Environment Monitoring report uploaded	0	0	uploaded	uploaded	uploaded

#### [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		
Not applicable	0	0	Not applicable	Not applicable	Not applicable

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

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

#### 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>
0	0	0	CMD

## 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>
Not applicable	0	0	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>
Not applicable	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>
0	0	CMD	Not applicable

#### 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>
Not applicable	0	CMD	Not applicable

## 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>
Impact of the Pollution Control Measures	0	-0.019490411	-2539.59	917706.95	10632.01	-25.52

## 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	Implementation of the Air and water pollution Control Measures	0

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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>
Capital Expenditure	Implementation of the Air and water pollution Control Measures	128.44

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## Part-I

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

#### Particulars

Deployment of 1 no. CAAQMS.

#### Name & Designation

Shri. Mithilesh Kumar, Sub Area Manager, Saoner UG under Saoner Sub Area, WCL-Nagpur Area

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000061855

#### Submitted On:

30-09-2023





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061793

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Gondegaon Extension Open Cast Mine Project

#### Application UAN number

MPCB-CONSENT-0000134521 Dated 17.03.2022

#### Address

Gondegaon OCM, P.O  
Gondegaon, Tehsil-Paraseoni

#### Plot no

SAM Office, Gondegaon

#### Taluka

Paraseoni

#### Village

Gondegaon

#### Capital Investment (In lakhs)

33780.4

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441404

#### Person Name

Shri. Ram Bhuwan Verma

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

08275970744

#### Fax Number

07122643352

#### Email

gondegaonwcl@gmail.com, sam-gsa.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000134521/CR/2208001341

#### Consent Issue Date

2022-08-28

#### Consent Valid Upto

2023-03-31

#### Establishment Year

1992

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

3.5

#### Actual Quantity

3.5

#### UOM

MT/A

### By-product Information

#### By Product Name

Overburden

#### Consent Quantity

1053.843

#### Actual Quantity

7851.986301

#### 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	2200.00	6500.00
Domestic	0.00	0.00
All others	670.00	330.00
Total	100.00	0.00
	2970.00	6830.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	29050	29018	CMD
Domestic Effluent	480	198	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 Mining	0.677857143	1.633635714	Ton/Ton

### 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 used for blasting purpose	0.0006781589	0.000841674	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	57.358	6538123	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 Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
As per monitoring report (Attached)	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 %variation	Standard	Reason
Not Applicable	0	0	-	-	-

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	Ton/Y

## 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>
3.3 Sludge and filters contaminated with oil	1.34	11.620	MT/A
35.3 Chemical sludge from waste water treatment	37	48.40	MT/A

## 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	11239.9698630137	30062.74795	CMD

#### 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>
NA	0	0	Ton/Y

#### 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>
3.3 Sludge and filters contaminated with oil	11.620	MT/A	0
35.3 Chemical sludge from waste water treatment	48.40	MT/A	0

#### 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>
Overburden	30062.74795	CMD	-

## 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>
Impact of the pollution Control measures taken	-450	1.532057534	572303.55	6819528	33780.4	-39.782

## 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>
Revenue Expenditure	Revenue Expenditure	184.14
Capital Expenditure	Capital Expenditure	54

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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>
Work Proposed for FY 2023-24	Expenditure One Environment	61.75024

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**Part-I**

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

**Particulars**

Deployment of mist canon & STP.

**Name & Designation**

Shri. Ram Bhuwan Verma, Sub Area Manager, Gondegaoon OCM under Gondegaoon Sub Area, WCL Nagpur Area

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000061793

**Submitted On:**

30-09-2023



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061877

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Adasa UG to OC Coal Mine Project of  
M/s Western Coalfields Ltd. ( A  
subsidiary of Coal India Ltd, Gol-U/T

#### Application UAN number

MPCB-CONSENT-0000126567 Dated  
30.11.2021

#### Address

Office of the Sub Area Manager,  
Saoner, Adasa UG to OC mine at village  
Adasa, tehsil Saoner, Nagpur Area of  
M/s WCL Nagpur

#### Plot no

Village katodi

#### Taluka

Saoner

#### Village

Katodi

#### Capital Investment (In lakhs)

9798.92

#### Scale

L.S.I

#### City

Nagpur

#### Pincode

441107

#### Person Name

Shri. Mithilesh Kumar

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

8275970790

#### Fax Number

07103268128

#### Email

adasaugminemanager@yahoo.com, sam-  
snr.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CC/UAN  
No.0000126567/CR/2206000221

#### Consent Issue Date

2022-06-04

#### Consent Valid Upto

2025-12-31

#### Establishment Year

2020

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

1.85

#### Actual Quantity

0.2365763

#### UOM

MT/A

### By-product Information

#### By Product Name

Overburden (Top and hard soil)

#### Consent Quantity

77942.2469

#### Actual Quantity

6675.868493

#### 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	358.00	150.00
Domestic	0.00	0.00
All others	32.00	32.00
Total	2610.00	0.00
	3000.00	182.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	2610	2818	CMD
Domestic Effluent	32	19.2	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	90346.5346534654	231426.3939	

### 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 used for blasting purpose	946489.1	995467.2129	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	0	44546	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		
Air & Water quality monitoring report uploaded	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
	Quantity	Concentration	%variation		
Not Applicable	0	0	-	-	-

## Part-D

## HAZARDOUS WASTES

### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-E

## SOLID WASTES

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

### 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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	CMD	0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Overburden	6675.868493	CMD	0

## 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)
Impact of the pollution Control measures taken	176	-0.20240274	-710985.15	186952	9798.92	-23.34

## 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	Implementation of Air and water Pollution Control Measures	0

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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>
Capital Expenditure	Implementation of Air and water Pollution Control Measures	61.55

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**Part-I**

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

**Particulars**

Deployment of mist canon & ETP also.

**Name & Designation**

Shri. Mithilesh Kumar, Sub Area Manager, Adasa UG to OC Mine under Saoner Sub Area, WCL Nagpur Area

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000061877

**Submitted On:**

30-09-2023





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061967

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

M/s. Dumrikhurd Railways Siding of  
M/s Western Coalfields Limited,

#### Application UAN number

.MPCB-CONSENT-0000147392 Dated  
30.08.2022

#### Address

Land on lease from S.E.C. Railway,  
Indian Railway, Dumrikhurd  
Railway Siding of Kamptee Sub  
Area, WCL, Tal - Parseoni, Dist -  
Nagpur.

#### Plot no

Land on lease from S.E.C. Railway

#### Taluka

Parseoni

#### Village

Dumrikhurd

#### Capital Investment (In lakhs)

129.05

#### Scale

GREEN/S.S.I

#### City

Nagpur

#### Pincode

441105

#### Person Name

Sharad Kumar Dixit

#### Designation

Sub Area Manager, Kamptee Sub Area

#### Telephone Number

8275970710

#### Fax Number

0712264347

#### Email

wclalalgamatedinderkamptee@gmail.com, sam-  
aikd.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Green

#### Industry Type

G59 Mineral stack yard / Railway sidings

#### Last Environmental statement submitted online

no

#### Consent Number

Format1.0/SRO/UAN  
No.0000147392/CR/2211000255

#### Consent Issue Date

2022-11-04

#### Consent Valid Upto

2031-10-31

#### Establishment Year

2002

#### Date of last environment statement submitted

Jan 1 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

2.5

#### Actual Quantity

2.5

#### UOM

MT/A

### By-product Information

#### By Product Name

Not applicable

#### 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	96.00	95.00
Domestic	0.00	0.00
All others	1.84	1.50
Total	0.00	0.00
	97.84	96.50

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Not applicable as no manufacturing is involved	0	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
Not applicable as no manufacturing is involved	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
Not applicable as no manufacturing is involved	0	0	CMD

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Not applicable as no manufacturing is involved	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
	Quantity	Concentration	%variation		
Not applicable as no manufacturing is involved	0	0	0	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
	Quantity	Concentration	%variation		
Not applicable	0	0	0	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>
0	0	0	CMD

**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>
Not applicable as no manufacturing is involved	0	0	CMD

**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>
Not applicable as no manufacturing is involved	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>
0	0	CMD	0

**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>
Not applicable as no manufacturing is involved	0	CMD	0

**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>
Not applicable as no manufacturing is involved	1	0	0	0	0	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

**Detail of measures for Environmental Protection****Environmental Protection Measures****Capital Investment (Lacks)**

Plantation and black topping of roads, mist canon and water sprinkling by mobile tankers and brooming machine

Plantation and black topping of roads, mist canon and water sprinkling by mobile tankers and brooming machine

220.00

**[B] Investment Proposed for next Year****Detail of measures for Environmental Protection****Environmental Protection Measures****Capital Investment (Lacks)**

Metallic sheet side cladding

Metallic sheet side cladding

80.00

**Part-I****Any other particulars for improving the quality of the environment.****Particulars**

Dumrikhurd Railways Siding of M/s Western Coalfields Limited is just for loading of coal into the railway wagons and no manufacturing process is involved.

**Name & Designation**

Sharad Kumar Dixit, Sub Area Manager, Kamptee Sub Area-WCL Nagpur Area

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000061967

**Submitted On:**

30-09-2023



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061809

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Bhanegaon Open Cast Coal Mine Project of Western Coalfields Limited, Nagpur (A subsidiary of Coal India Ltd, Ministry of Coal, GOI)

#### Application UAN number

MPCB-CONSENT-0000134095

#### Address

Office of the Mine Manager, Bhanegaon Open Cast Coal Mine Project, Taluka - Kamptee, District - Nagpur Pin Code - 440026 (Maharashtra)

#### Plot no

Survey of India Toposheet No 550/3, Khasera no 12/1D & 12/2

#### Taluka

Kamptee

#### Village

Bina

#### Capital Investment (In lakhs)

10960.26

#### Scale

L.S.I

#### City

NAGPUR

#### Pincode

440026

#### Person Name

Shri. Avinash Prasad

#### Designation

General Manager (Mining)/Sub Area Manager

#### Telephone Number

8275970851

#### Fax Number

07122643547

#### Email

bhanegaonocminemanager@yahoo.com, sam-bssa.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CC/UAN No.MPCB-CONSENT-0000134095/CR/2211001942

#### Consent Issue Date

2022-11-24

#### Consent Valid Upto

2023-03-31

#### Establishment Year

2018

#### Date of last environment statement submitted

Sep 30 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Coal

#### Consent Quantity

1.15

#### Actual Quantity

0.40

#### UOM

MT/A

### By-product Information

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Overburden	8609	5705.372603	CMD

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	9400.00	9400.00
<b>Domestic</b>	0.00	0.00
<b>All others</b>	135.00	135.00
<b>Total</b>	300.00	0.00
	9835.00	9535.00

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	9400	30632	CMD
Domestic Effluent	80	81	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Coal	5416627.19838338	8577500	

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Explosive used for blasting purpose	816880.584762085	635471.75	

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Diesel	0	48500	Ltr/A

## Part-C

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

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Not Applicable as no manufacturing process is involved-NA- only dust generated during Coal extraction	0	0	Nil	Nil	Nil

#### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
Not Applicable on coal mining sector	0	0	Nil	Nil	Nil

## Part-D

### **HAZARDOUS WASTES**

#### **1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

#### **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	0.49	0	MT/A

## 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	1638200	2082461	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>
NA	0	0	Kg
NA	0	0	Kg

#### **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	Kg
0	0	0	Kg

## 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>
0	0		NA

#### **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>
Overburden	2082461	M3/Anum	overburden stacked at earmarked sites

## 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>
Impact of the pollution Control measures taken	-4700	-0.98630137	-263239.8	1351375	10960.26	-5.23

## Part-H

### 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	Implementation of the Air and water pollution Control Measures	0

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Capital Expenditure	Implementation of the Air and water pollution Control Measures	147.78711

## Part-I

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

#### Particulars

Deployment of mist canon of 2 nos., 1 no. of CAAQMS & ETP also

#### Name & Designation

Shri. Avinash Prasad, Sub Area Manager, Bhanegaon OC Coal Mine Project under Bhanegaon Singhori Sub Area of WCL, Nagpur Area

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000061809

#### Submitted On:

30-09-2023





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000061802

### Submitted Date

30-09-2023

## PART A

### Company Information

#### Company Name

Amalgamated Inder  
Kamptee Deep Opencast  
Coal Mine Project Western  
Coalfields Limited, Nagpur  
(A subsidiary of Coal India  
Ltd, Ministry of Coal, GOI)

#### Application UAN number

MPCB-CONSENT-0000134590 Dated 19.03.2022

#### Address

Office of the Mine  
Manager,- Kamptee, District  
- Nagpur Pin Code - 441404  
(Maharashtra)

#### Plot no

Survey of India toposheet  
no 550/3, Khasra no 12/1D  
& 12/2

#### Taluka

Kamptee

#### Village

Tekadi

#### Capital Investment (In lakhs)

22935.6

#### Scale

L.S.I

#### City

NAGPUR

#### Pincode

441404

#### Person Name

Shri. Sharad Kumar Dixit

#### Designation

Dy. GM (Mining)/Sub Area Manager

#### Telephone Number

8275970710

#### Fax Number

07122643547

#### Email

wclamalgamatedinderkamptee@gmail.com, sam-  
aikd.ngp@coalindia.in

#### Region

SRO-Nagpur I

#### Industry Category

Red

#### Industry Type

R35 Mining and ore beneficiation

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000134590/CR/2209000886

#### Consent Issue Date

2022-09-15

#### Consent Valid Upto

2023-03-31

#### Establishment Year

2020

#### 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

Consent Quantity

Actual Quantity

UOM

**By-product Information**

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Overburden	63292.161	32994.45479	CMD

**Part-B (Water & Raw Material Consumption)**

**1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	0.00	0.00
<b>Domestic</b>	1146.00	215.00
<b>All others</b>	1300.00	275236.00
<b>Total</b>	4896.00	277201.00

**2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	41479	24246.72877	CMD
Domestic Effluent	685	129	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Coal	1750	254936.8954	

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Explosive used for blasting purpose	1757463.87152472	1517899.184	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Diesel	0	2982585	Ltr/A

**Part-C**

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

**[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Not applicable as no manufacturing process is involved	0	0	Nil	Nil	Nil

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>
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	Quantity	Concentration	%variation	Standard	Reason
Not applicable on coal mining sector	0	0	Nil	Nil	Nil

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

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

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	18.4	17.14	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	1842.5013126027	32994.45479	CMD

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	Kg
NA	0	0	Kg

#### 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	Kg
0	0	0	Kg

## 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
0	0		NA

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Overburden	32994.45479	CMD	0

## 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>
Impact of the pollution Control measures taken	1646.367123	1.60030137	928706.25	2359538	22935.6	-116.295

## Part-H

### 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	Implementation of the Air and water pollution Control Measures	0

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Capital Expenditure	Implementation of the Air and water pollution Control Measures	160.85508

## Part-I

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

#### Particulars

Deployment of 5 nos. of mist canon and CAAQMS no. 1

#### Name & Designation

Shri. Sharad Kumar Dixit, Sub Area Manager of the Amalgamated Inder Kamptee Deep OCM under Kamptee SA

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000061802

#### Submitted On:

30-09-2023