



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

BALLARPUR OC

**Application UAN number**

BO/JD(APC)/EIC no. CH-0587-11/R/CC-167

**Address**

Ballarpur Opencast Mine, Ballarpur Area, WCL

**Plot no**

284 285 286 287 288 289 290

**Taluka**

Ballarpur

**Village**

Chandrapur

**Capital Investment (In lakhs)**

2500

**Scale**

LSI

**City**

-

**Pincode**

442701

**Person Name**

A K Dehury

**Designation**

Sub Area Manager

**Telephone Number**

8275968348

**Fax Number**

07173230076

**Email**

envbocm@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

yes

**Consent Number**

BO/JD(APC)/EIC no. CH-0587-11/R/CC-167

**Consent Issue Date**

24/01/2012

**Consent Valid Upto**

30/06/2016

### Product Information

**Product Name**

COAL

**Consent Quantity**

0.5

**Actual Quantity**

0.625

**UOM**

MT/A

### By-product Information

**By Product Name**

-

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

MT/A

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

460

**Actual Quantity in m3/day**

180

**Cooling**

0

0

**Domestic**

160

160

**All others**

0

0

**Total**

620

340

### 1) Effluent Generation in CMD / MLD

**Particulars**

DAILY trade effluent

**Consent Quantity**

1070

**Actual Quantity**

1000

**UOM**

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(cubic meter/kg)	0.131	0.1	CMD

**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 (kg/tonne)	0.987	0.79	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	876	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
WATER REPORT ATTACHED IN PART I	-	-	-	-	-

**[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>
NO AIR STACK MONITORING	-	-	-	-	NO AIR STACK MONITORING

**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>
5.1 Used /spent oil	181.5	3650	KL/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>
34.3 Chemical sludge from waste water treatment	3630	9125	Kg/Annum

**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	4739	2419	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>
-	-	-	CMD

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

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

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
34.3 Chemical sludge from waste water treatment	9125	Kg/Annum	- (AGREEMENT WITH BUTTIBORI)
0	-	-	-

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
OVERBURDEN	2419	CMD	NIL AS IT IS OVERBURDEN

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)
AS PER PREVIOUS FINANCIAL YEAR	0	0	0	651253	149	-

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)
-environmental protection abatement of pollution, prevention of pollution	-environmental protection abatement of pollution, prevention of pollution	149

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
CAPITAL INVESTMENT	--environmental protection abatement of pollution, prevention of pollution	35

Any other particulars in respect of environmental protection and abatement of pollution.

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

A K Dehury, SUB AREA MANAGER



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

SASTI MINE UG

**Application UAN number**

BO/JD(APC)/EIC No. CH-1665-14/R/CC-573

**Address**

Near Sasti Village on Rajura Ballarpur road

**Plot no**

140, 141, 142

**Taluka**

Rajura

**Village**

CHANDRAPUR

**Capital Investment (In lakhs)**

2896

**Scale**

LSI

**City**

-

**Pincode**

442706

**Person Name**

Shashendra Singh

**Designation**

(Sr Manager, Mining)

**Telephone Number**

8275968317

**Fax Number**

07173230076

**Email**

envballarpur@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

yes

**Consent Number**

BO/JD(APC)/EIC No. CH-1665-14/R/CC-573

**Consent Issue Date**

16/06/2014

**Consent Valid Upto**

31/03/2016

### Product Information

**Product Name**

COAL

**Consent Quantity**

0.36

**Actual Quantity**

0.195

**UOM**

MT/A

### By-product Information

**By Product Name**

-

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

MT/A

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

557

**Actual Quantity in m3/day**

556.70

**Cooling**

0

0

**Domestic**

180

180

**All others**

0

0

**Total**

737

736.70

### 1) Effluent Generation in CMD / MLD

**Particulars**

TRADE EFFLUENT

**Consent Quantity**

3100

**Actual Quantity**

0

**UOM**

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	0.996	0.97	

**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	0.32	0.34	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	5.725	KL/A

**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>Quantity</b>	<b>Concentration</b>	<b>%variation</b>	<b>Standard</b>	<b>Reason</b>
-	0	-	-	-	NO TRADE EFFLUENT

**[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>		
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>	<b>Standard</b>	<b>Reason</b>
-	-	-	-	-	NO STACK EMISSION

**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>
5.1 Used /spent oil	0	0	
34.3 Chemical sludge from waste water treatment	0	0	

**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>
1.9 ETP sludge containing hazardous constituent	-	-	Ton/Y

**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	-	-	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>
-	-	-	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	-	-	

**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	-	Ton/Y	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>
-	-	Ton/Y	-

**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>
IN COMPARISON TO PREVIOUS FINANCIAL YEAR	0	-0.0027	-1222.6	225124	15	-

**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>
PLANTATION	PLANTATION	15

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
PLANTATION	PLANTATION	15

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

Shashendra Singh, SR.MGR(MIN)



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Western Coal Fields Ltd

**Application UAN number**

-

**Address**

Plot no: Nil Sasti Opencast Mine, WCL, Ballarpur Area, Taluka:  
Rajura, Dist: Chandrapur - 442706

**Plot no**

-

**Taluka**

RAJURA

**Village**

-

**Capital Investment (In lakhs)**

25776

**Scale**

LSI

**City**

CHANDRAPUR

**Pincode**

442706

**Person Name**

S S MALHI

**Designation**

DIRECTOR(TECHNICAL)

**Telephone Number**

071722510516

**Fax Number**

071722511527

**Email**

dt@westerncoal.gov.in

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

no

**Consent Number**

BO/APAE/EIC no. CH-0254-10/R/CC-300

**Consent Issue Date**

28.12.2010

**Consent Valid Upto**

31.05.2015

### Product Information

**Product Name**

COAL

**Consent Quantity**

2

**Actual Quantity**

1.734

**UOM**

MT/A

### By-product Information

**By Product Name**

NA

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

CMD

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

788

**Actual Quantity in m3/day**

170

**Cooling**

-

-

**Domestic**

876

1166

**All others**

-

-

**Total**

1664

1336

### 1) Effluent Generation in CMD / MLD

**Particulars**

daily trade effluent

**Consent Quantity**

7290

**Actual Quantity**

1336

**UOM**

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 (CUBIC METER/TONNE)	0.036	0.035	CMD

**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>
EXPLOSIVES (KG/TONNE)	2.832	2.205	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	5033.35	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
WATER REPORT ATTACHED	-	-	-	-	-

**[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>
NO AIR STACK MONITORING	-	-	-	-	-

**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>
5.1 Used /spent oil	4.25	40.150	KL/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>
34.3 Chemical sludge from waste water treatment	26.3	35.99	Ton/Y

**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	10000	20109	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>
-	-	-	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	-	-	CMD

**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 /spent oil	40.15	KL/A	AGREEMENT ATTACHED

**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	20109	CMD	ONSITE CAPTIVE LANDFILL

**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	-0.024	1006009	-1281100	90	-

**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 AND REVENUE EXPENDITURE	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES INCLUDING CESS.	90

**[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	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES	50

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

S S MALHI, DIRECTOR(TECHNICAL)



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Western Coal Fields Ltd

**Application UAN number**

-

**Address**

Plot no: 134 150 181 212/1 etc, Pouni Opencast Mine, WCL, Ballarpur Area, Taluka: Rajura, Dist: Chandrapur - 442706

**Plot no**

134 150 181 212/1 etc

**Taluka**

Rajura

**Village**

-

**Capital Investment (In lakhs)**

7257

**Scale**

LSI

**City**

Chandrapur

**Pincode**

442706

**Person Name**

S K SINHA

**Designation**

SR.MGR(MIN)

**Telephone Number**

07172230880

**Fax Number**

07173230076

**Email**

envpouni@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

no

**Consent Number**

BO/PCI-II/RO-CH/EIC NO.  
CH-0192-09/R/CC-551

**Consent Issue Date**

29.10.2009

**Consent Valid Upto**

31.10.2015

### Product Information

**Product Name**

COAL

**Consent Quantity**

900000

**Actual Quantity**

842540

**UOM**

Ton/Y

### By-product Information

**By Product Name**

NA

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

CMD

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

1270

**Actual Quantity in m3/day**

24.34

**Cooling**

-

-

**Domestic**

60

55

**All others**

-

-

**Total**

1330

79.34

### 1) Effluent Generation in CMD / MLD

**Particulars**

daily trade effluent

**Consent Quantity**

1170

**Actual Quantity**

200

**UOM**

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 (CUBIC METER/TONNE)	0.045	0.0105	CMD

**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>
EXPLOSIVES (KG/TONNE)	0.922	1.483	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	3567.299	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
WATER REPORT ATTACHED	-	-	-	--	-

**[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>
NO AIR STACK MONITORING	-	-	--	-	-

**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>
5.1 Used /spent oil	24.7	10.68	KL/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>
34.3 Chemical sludge from waste water treatment	5	10.25	Ton/Y

**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	2145	7890	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>
-	-	-	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	-	-	CMD

**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 /spent oil	10.68	KL/A	agreement copy attached

**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	7890	CMD	onsite captive landfill

**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	-5	-225	-157142	487108	15	-

**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 AND REVENUE EXPENDITURE	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES INCLUDING CESS.	15

**[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	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES	20

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

S K SINHA, SR.MGR(MIN)



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Western Coal Fields Ltd

**Application UAN number**

-

**Address**

Plot no: Nil Gouri I & II Opencast Mine, WCL, Ballarpur Area, PO: Gouri Taluka: Rajura, Dist: Chandrapur - 442706

**Plot no**

-

**Taluka**

Rajura

**Village**

-

**Capital Investment (In lakhs)**

10397.5

**Scale**

LSI

**City**

Chandrapur

**Pincode**

442706

**Person Name**

R MOHAN KRISHNA

**Designation**

SR MGR(MIN)

**Telephone Number**

07172230925

**Fax Number**

07173230076

**Email**

envgouri12@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

no

**Consent Number**

BO/CAC/CELL/EICNO.CH-1736-15/cac-14131

**Consent Issue Date**

05-11-2015

**Consent Valid Upto**

31.03.2019

### Product Information

**Product Name**

COAL

**Consent Quantity**

2.5

**Actual Quantity**

1.103

**UOM**

MT/A

### By-product Information

**By Product Name**

NA

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

CMD

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

1470

**Actual Quantity in m3/day**

1238

**Cooling**

-

-

**Domestic**

180

50

**All others**

-

-

**Total**

1650

1288

### 1) Effluent Generation in CMD / MLD

**Particulars**

daily trade effluent

**Consent Quantity**

1410

**Actual Quantity**

1238

**UOM**

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 (CUBIC METER/TONNE)	0.097	0.409	CMD

**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>
EXPLOSIVES (KG/TONNE)	1.487	2.686	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	4383.65	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
WATER REPORT ATTACHED IN PART I	-	-	-	-	-

**[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>
NO AIR STACK MONITORING	-	-	-	-	-

**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>
5.1 Used /spent oil	30	96.36	KL/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>
34.3 Chemical sludge from waste water treatment	8.790	30	Ton/Y

**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	13108	22005	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>
-	-	-	CMD

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

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

**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 /spent oil	96.36	KL/A	AGREEMENT COPY ATTACHED

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
OVERBURDEN	22005	CMD	-

**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	-8	-1.248	-1443	955852	30	-

**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)
CAPITAL AND REVENUE EXPENDITURE	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES INCLUDING CESS.	30

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
CAPITAL INVESTMENT	FOR VARIOUS AIR, WATER AND NOISE CONTROL MEASURES	30

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

R MOHAN KRISHNA, SR.MGR(MIN)



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Western Coal Fields Ltd

**Application UAN number**

-

**Address**

Plot no: 62 110 189 of antargaon, 165 141 of goyegaon etc, Gouri Deep Opencast Mine, WCL, Ballarpur Area, Taluka: Rajura, Dist: Chandrapur: 442706

**Plot no**

62 110 189 of antargaon, 165 141 of goyegaon

**Taluka**

Rajura

**Village**

-

**Capital Investment (In lakhs)**

8621

**Scale**

LSI

**City**

Chandrapur

**Pincode**

442706

**Person Name**

G V S PRASAD

**Designation**

SR.MGR(MIN)

**Telephone Number**

07173254048

**Fax Number**

07173230076

**Email**

envgourideep@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

no

**Consent Number**

BO/CAC/CELL/EICNO.CH-0944-12/C/CAC-7180

**Consent Issue Date**

30.07.2013

**Consent Valid Upto**

31.03.2015

### Product Information

**Product Name**

COAL

**Consent Quantity**

400000

**Actual Quantity**

534000

**UOM**

Ton/Y

### By-product Information

**By Product Name**

NA

**Consent Quantity**

--

**Actual Quantity**

-

**UOM**

CMD

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

1180

**Actual Quantity in m3/day**

180

**Cooling**

-

-

**Domestic**

70

15

**All others**

-

-

**Total**

1250

95

### 1) Effluent Generation in CMD / MLD

**Particulars**

daily trade effluent

**Consent Quantity**

900

**Actual Quantity**

83

**UOM**

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 (CUBIC METER/TONNE)	0.124	0.11	CMD

**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>
EXPLOSIVES (KG/TONNE)	0.612	0.863	

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	73	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
WATER REPORT ATTACHED IN PART I	-	-	-	-	-

**[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>
NO AIR STACK MONITORING	-	-	-	-	-

**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>
5.1 Used /spent oil	0	6.058	KL/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>
34.3 Chemical sludge from waste water treatment	0.18	6	Ton/Y

**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	19452	9402	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>
-	-	--	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	-	-	CMD

**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 /spent oil	6.058	KL/A	AGREEMENT COPY ATTACHED

**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	9402	CMD	ONSITE CAPTIVE LANDFILL

**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	20	0	-470536	-6947	20	-

**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 AND REVENUE EXPENDITURE	VARIOUS AIR, WATER AND NOISE CONTROL MEASURES INCLUDING CESS.	20

**[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	VARIOUS AIR, WATER AND NOISE CONTROL MEASURES	30

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

G V S PRASAD, SR.MGR(MIN)



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Ballarpur Colliery 3 &4 pit

**Application UAN number**

MPCB-CONSENT-0000009399

**Address**

Ballarpur Colliery 3 & 4 pit , Ballarpur Area, WCL

**Plot no**

168 206 207 208 209 268 278 280 282 283 116 117 94

**Taluka**

Ballarpur

**Village**

Chandrapur

**Capital Investment (In lakhs)**

3897.00

**Scale**

L.S.I

**City**

Chandrapur

**Pincode**

442701

**Person Name**

V.Dayakar

**Designation**

Mine Manager

**Telephone Number**

8275968348

**Fax Number**

07173230076

**Email**

envbc34@gmail.com

**Region**

SRO-Chandrapur

**Industry Category**

Red

**Industry Type**

R49 Mining and ore beneficiation

**Last Environmental statement submitted online**

yes

**Consent Number**

BO/JD(APC)/EIC no. CH-0586-11/R/CC-169

**Consent Issue Date**

24/01/2012

**Consent Valid Upto**

30/06/2016

### Product Information

**Product Name**

COAL

**Consent Quantity**

0.6

**Actual Quantity**

0.135

**UOM**

MT/A

### By-product Information

**By Product Name**

na

**Consent Quantity**

-

**Actual Quantity**

-

**UOM**

CMD

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

900

**Actual Quantity in m3/day**

42

**Cooling**

-

-

**Domestic**

2000

1500

**All others**

-

-

**Total**

2900

1542

### 1) Effluent Generation in CMD / MLD

**Particulars**

daily trade effluent

**Consent Quantity**

2900

**Actual Quantity**

0

**UOM**

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 (CUBIC METER/TONNE)	0.122	0.098	CMD

**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>
EXPLOSIVES (KG/TONNE)	0.730	0.409	
-	-	-	CMD

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	-	18.96	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard Reason</b>	
WATER REPORT ATTACHED IN PART I	-	-	-	-	-

**[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 Reason</b>	
NO AIR STACK MONITORING	-	-	-	-	--

**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>
5.1 Used /spent oil	0	0	KL/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>
34.3 Chemical sludge from waste water treatment	0	0	Ton/Y

**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	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>
-	-	-	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	-	-	CMD

**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 /spent oil	0	CMD	-

**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	-	CMD	-

**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	75	1519594	24.76	-

**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 AND REVENUE EXPENDITURE	environmental protection abatement of pollution, prevention of pollution	24.76

**[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	environmental protection abatement of pollution, prevention of pollution	30

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

environmental protection and abatement of pollution

**Name & Designation**

V.Dayakar, MINE MANAGER