



# 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</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	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