



# GLOBAL COAL & MINING PVT. LTD.

(An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Unit)

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**Ref No: GCMPL/IB/15-16/353**

**Date: 31.12.2015.**

To,  
Shri M.R.Prasad, Research Officer,  
Eastern Regional Office,  
Ministry of Environment & Forests, Govt. of India,  
A/3, Chandrasekhapur, Bhubaneswar-751 023,  
Odisha.

**Sub: - Submission of Environmental Statement upto 31<sup>st</sup> December, 2015.**

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement in prescribed format in Form -V (see Rule 14) duly filled upto 31<sup>st</sup> December, 2015. We are also enclosing herewith the Ambient Air quality monitoring test report.

This is for your kind information and necessary action please.

Thanking You,

Yours Faithfully,  
For, Global Coal & Mining Pvt. Ltd.,

B.R. Tripathi  
Vice-President

Encls:- As Above.



TIN No.- 21351302031  
CIN: U10102DL1998PTC094328

O.S.T. No. : DL - 4232, Dt. - 24.11.2001  
C.S.T. No. : DLC - 1889, Dt. - 24.11.2001

**Beneficiated Coal for Better Environment**

**Environmental Statement of Ib-Valley Coal Washery of Global Coal & Mining Pvt. Ltd. for the financial year ending the 31<sup>st</sup> December 2015.**

**PART - A**

- (i) Name and address of the owner / occupier of the industry operation or process.  
**GLOBAL COAL & MINING PVT. LTD., Occupier-Sri V.K.Sehgal, Managing Director,  
153 Vasanta Enclave, Rao Tula Ram Marg, New-Delhi-110057.**
- (ii) Industry category Primary(STC Code) Secondary (SIC Code)-**LARGE**
- (iii) Production capacity-----Units--- **PHASE -I ; 1.5 MTPA; 2006**
- (iv) Year of establishment --- **PHASE-II; 2.0 MTPA;2009**
- (v) Date of the last environmental statement submitted- **30<sup>th</sup> June, 2015.**

**PART-B**

**Water and River Material Consumption:**

(1) Water consumption m<sup>3</sup>/d:

Process : **50m<sup>3</sup>/d. OR 18,000 cum/Annum**

Cooling :

Domestic :

Factor

Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
	(1)	(2)
(1) Washed Coal-	0.15 Cum/tonne of raw coal	0.214 Cum/tonne of raw coal
(2)		
(3)		

1. Substituted by Rule 2(b) of the environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6 (E) dated 22.04.1993.

(ii) **Raw Material Consumption:**

*Name of raw materials	Name of Products	Consumption of raw material per Unit of output	
		During the previous Financial year	during the current financial year

\*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

**This is a process industry. No raw material is use. Raw coal is washed and sent back to consumers including Reject which is dispatch to power plant.**

**PART-C**

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

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (Mass/volume)		Percentage of variation from prescribed standards with reasons	
		Maximum	Minimum	Maximum	Minimum
a) Water	NA	NA		NA	
b) Air	-----	Maximum	Minimum	Maximum	Minimum
1. Quarter : July to Sept 2015	<10	82.1	64.4	(-)17.90 %	(-)35.60%
	<2.5	43.2	32.7	(-)30.33 %	(-)45.50%
2. Quarter: Oct to Dec 2015	<10	73.7	58.1	(-)26.30 %	(-)41.90%
	<2.5	40.4	29.4	(-)32.67 %	(-)51.00%

**PART-D**

**Hazardous Wastes**

**(As specified under Hazardous Waste Management and Handling Rules, 1989)**

Hazardous Waster	Total Quantity (kg)	
	During the previous Financial year	During the current Financial Year

a) From Process-

**NIL**

**NIL**

b) From pollution control facilities-

**NIL**

**NIL**

**PART-E**  
**Solid Wastes**

	Total Quantity	
	During the previous Financial year	During the current Financial Year
a) From Process-	<b>45775.61 MT</b>	<b>3228.42 MT</b>
b) From pollution control facility-		
c) (1) Quantity recycled or Re-utilized within the unit-		
(2) Sold-	<b>42225.46 MT</b>	<b>7959.20 MT</b>
(3) Disposed-		

**PART-F**

Please specify the characterizations (in terms of consumption of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes. **NA**

**PART-G**

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production. **NA**

**PART-H**

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

**PART-I**

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

[F. No.Q-15015/1/90-CP-]  
MUKUL SANWAL, Jt. Secy.

**Ministry Of Environment & Forests,  
Eastern Regional Office,  
A/3, Chandrashekarapur, Bhubaneswar-751023.**

**Half-yearly Compliance Report of Specific Conditions as per MoEF of Global Coal & Mining Pvt. Ltd.,**

<b>SL</b>	<b>Specific Conditions</b>	<b>Compliance Report</b>
(i)	The company shall prepare a Plan for transportation of the entire washed coal by rail mode only. All internal transport of the entire raw coal and clean coal within the washery shall be closed belt conveyors only.	WASHED Coal dispatched only by Rail mode. All coal in plant conveyed by closed belt system.
(ii)	The proponent shall be establish a railway siding within 3 years for transportation of washed coal from the washery	Yes, we have established own siding.
(iii)	The entire coal rejects shall supplied to companies for use in their FBC based TPP of companies with whom MOU/Agreements have been entered with. The linked FBC based Thermal Power Plant shall be existing operational units or commissioned within 2 years of operation of the washery.	Agreed. All Rejects supplied to FBC Boiler, Thermal Plant only.
(iv)	The raw coal, washed coal and coal waste (rejects) shall be stacked properly at enmarked site(s) within stockyards fitted with wind breakers/shields. Adequate measures hall be taken to ensure that the stored minerals do not catch fire.	Agreed & being done
(v)	Hoppers of the coal crushing unit and washery unit shall be fitted with high efficiency bag filters and mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emission from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	Bag Filter fitted and mist spray, sprinklers fitted in plant.
(vi)	All internal roads shall be concretised. The roads shall be regularly cleaned with mechanical sweepers. A 3-tier avenue plantation developed along the main roads, and approach roads to the washery.	Yes Road concreted. Plantation done & is being strengthened every year.
(vii)	Trucks engaged for mineral transportation outside the washery shall be optimally loaded and covered with tarpaulin with no spillage en route. The trucks shall be properly maintained and emission shall be below notified limits.	Agreed & being done.
(viii)	The company shall not use groundwater for the washery operations. Permission from the State Government shall be obtained for sourcing Lilari Nala water for the expansion of the washery operations. Any additional water requirement envisaged shall be obtained by recycle/reuse to the maximum extent and from rainwater harvesting measures.	No ground water is drawn. Water collected from Lilari Nala by permission of Water Resource Department.

(ix)	Industrial waste water (workshop and wastewater from the washery) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed for treatment of workshop effluents.	No waste water is discharged to outfield. Closed circuit water in practice.
(x)	The washery unit shall be a zero -discharge facility and no waste water shall be discharged from the washery into the drains/natural watercourses. Recycled water shall be used for development and maintenance of green belt and in the plant Operations.	Agreed. No waste water is being discharged from washery to drains /natural water course.
(xi)	Green belt of 2.79 ha shall be developed all along the periphery of the site, along with the areas such as the washery unit, crushing unit and stockyard.	Agreed. Regular green belt development is being done.
(xii)	Socio-economic and welfare measures for the local communities shall be implemented under CSR with a capital outlay of Rs. 1 crore and an annual revenue expenditure of Rs.20 Lakhs and details thereon displayed on the company website	CSR work done regularly. Details sheet attached.(annexure-1)

**ANNEXURE-I**

GLOBAL COAL & MINING PVT. LTD.,  
IB-VALLEY, BELPAHAR, JHARSUGUDA, OR.  
CORPORATE SOCIAL RESPONSIBILITY

Sl No	Particulars	Year 11-12 (Rs)	Year 12-13 (Rs)	Year 13-14 (Rs)	Year14-15 (Rs)	Year15-16 (Rs)
1	Aid to Jorabaga High School , Jorabaga,Belpahar	24000	24000	36000	36000	36000
2	Donation for Dulduli Festival , Jharsuguda	30000	50000	50000	50000	
3	Avenue Plantation outside & Inside plant area	89000	78000	78000	127800	146000
4	Construction of Shiv Mandir Village-Jorabaga		300000			
5	Financial Assistance to Zenith Dance Academy, Gumadera, Belpahar		10000			
6	Digging of pond in village Baliput		18260	72700		
7	Digging of pond in Mundapara			10300		
8	Development Intiatives, Jharsuguda Children culture festival-		7000			
9	Bhikapali High School Jharsuguda, celebration of Silver Jublee		20000			
10	Drinking water supply in Summer		3000	18000	6000	
11	Drinking water supply exp in summer season for village-Mundapara, Baliput & Jorabaga			45000	45000	45000
12	Bundia Satsang coloney		3700	3950	4830	10000
13	Vyakti Vikas Kendra-Sambalpur		300000			
14	Kiraram Shiv mandir-			157000		
15	Donation to RAES- and Others				52601	
16	Eklabya Sevasharm , Hemgir. RCC Drinking water Tank with Bathing facilities-				180000	
<b>TOTAL-</b>		<b>143000</b>	<b>813960</b>	<b>470950</b>	<b>502231</b>	<b>237000</b>