

CCL



सेन्ट्रल कोलफील्ड्स लिमिटेड

(भारत सरकार का एक उपक्रम)

(दरभंगा हाउस, राँची-834029)

CENTRAL COALFIELDS LIMITED

(Govt. of India Undertaking)

Darbhangha House, Ranchi- 834 029

फोन/Phone: (0651) 2360184 फैक्स/Fax: (0651) 2360184,

वेबसाइट/Website: <http://www.ccl.gov.in>

Ref. No. CCL/DGM-HOD(E&F)/2018/

Date: 30-01-2018

To,
The DFO
Ranchi

Subject: Compliance to the EDS raised in respect of KDH OCP (126.72 Ha) dated 29-01-2018

Ref : file no. : FP/JH/Min/8374/2014

Dear Sir,

Please find enclosed herewith the compliance report to the EDS raised in respect of KDH OCP (126.72 Ha) on dtd. **29-01-2018**.

Thanking You,

Yours faithfully

HOD (Env&Forest)
CCL, Ranchi



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CCL, Ranchi

Reply to the letter no. 2048 dtd. 21.06.2017 by CF cum DFO, Ranchi

Sl No.	Query Raised	Compliance																												
1	In Part II of the proposal the density of the forest has been indicated as 0.3 but tree enumeration list is not attached. In the proposal it has been suggested that felling of any tree is not required.	In Part II of the proposal the density of the forest has been indicated as 0.3. Payment of NPV has been made for Rs. 7,93,26,720 as advance as per MoEF circular dated 01.04.2015 considering density of 0.3 Tree enumeration has been completed and there are 4418 trees of different species. Felling of these trees will be required. Three copies of the enumeration list has been submitted to the Range Officer (Burm Range) for further necessary action vide letter no. 106 dated 17.10.2017. Copy attached as Annexure – I.																												
2	Two site inspection report of DFO is attached with the proposal. In one of the proposal it is evident that the site does not have pillars according to the plan and there is high possibility that it may overlap with the already diverted land.	No such issue has been raised by DFO in latest Site Inspection report. The copy of Site inspection report made by DFO on 18.07.16 is enclosed as annexure - II.																												
3	Plan submitted for diversion does not indicate already diverted forest land	<p>Details of Leasehold Area :</p> <p>Total Area Under Lease: 717.17 Ha Forest Land- 514.64 Ha, Non-Forest Land- 202.53 Ha Details of Forest Land: 514.64 Ha</p> <table><tr><th>Already Diverted</th><th>Area (Ha)</th><th>File No.</th><th>Dated</th></tr><tr><td>Forest clearance available</td><td>101.41</td><td>8-79/90-FC</td><td>01-07-1996</td></tr><tr><td>Forest clearance available</td><td>28.95</td><td>8-79/1990-FC(Vol. I)</td><td>26-10-2009</td></tr><tr><td>Present proposal</td><td>126.72</td><td>FP/JH/MIN/8374/2014</td><td></td></tr><tr><td>Forest land broken before 1980.</td><td>79.66</td><td>CCL will make a separate forest application shortly</td><td></td></tr><tr><td>Forest land unbroken and unutilized</td><td>106.34</td><td></td><td></td></tr><tr><td>Forest land broken before 1980 & reclaimed</td><td>71.56</td><td>CCL will make a separate forest application shortly</td><td></td></tr></table>	Already Diverted	Area (Ha)	File No.	Dated	Forest clearance available	101.41	8-79/90-FC	01-07-1996	Forest clearance available	28.95	8-79/1990-FC(Vol. I)	26-10-2009	Present proposal	126.72	FP/JH/MIN/8374/2014		Forest land broken before 1980.	79.66	CCL will make a separate forest application shortly		Forest land unbroken and unutilized	106.34			Forest land broken before 1980 & reclaimed	71.56	CCL will make a separate forest application shortly	
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4	In Part I of the proposal the details of prospecting activity has been mentioned in point M5.1, however in point M6 it is	<p>In M5.1 number of boreholes in forest land and non forest land has been furnished as under</p> <table><tr><th>Bore holes drilled for prospecting</th></tr><tr><td></td></tr></table> <p>उपमंडल प्रमुख, विभाग पर्यावरण एवं वन विभाग पिन- २२७००१, हरियाणा</p>	Bore holes drilled for prospecting																											
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 उपमंडल प्रबंधक / विनोद कुमार
 पर्यावरण एवं वन विभाग
 जिला सी० एल० दरभंगा हाउस
 राँची

mentioned that permission under FC Act has not been taken for Prospecting activities.

S.no	No. of Bore holes (in forest land)	Diameters(in inch.) forest land	No. of Bore holes (in non-forest land)	Diameters(in inch.) non-forest land
1	13	4	3	4

Prospecting activities has been undertaken by CMPDI. For drilling boreholes of 4 inch diameter for prospecting activities, permission is not required.

5 In the proposal estimated Mineral reserve is indicated as zero in point 5.2 however in point M-7 estimated reserve of Coal and Lignite has been indicated as 69.30 Million Ton. The basis of estimate is not clear.

It is inadvertently written as NIL. However correct figure is as under which has been estimated and included in mining plan/project report prepared by CMPDIL

Estimated Reserve along with accuracy and confidence level

	Forest			Non Forest			
Minerals	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level	Estimated mineral reserve at the end of mining lease(million tons.)
Coal and Lignite	58.72	10	90	34.97	10	90	0

As such figures referred in M-7 is correct. The figure is again appended below:

Mineral wise details

Minerals	Estimated reserve in non forest land(million tons.)	Estimated reserve in forest land(million tons.)	Estimated annual extraction(million tons.)	Estimated life of mine (Yrs.)	Total estimated extraction during mining lease period(million tons.)	Estimated mineral reserve at the end of mining lease(million tons.)
Coal and Lignite	34.97	58.72	4.5	25	93.69	0

The basis of estimate is as per mine plan. Copy of mine plan Attached (Annexure -III)

6 If this area is close to already diverted land then whether the area has been reclaimed after completing the mining work.

The subject forest proposal KDH OC (126.72 Ha) is adjacent to KDH OC (28.95 Ha) the forestry clearance of which obtained vide no. F No 8-79/1990-FC(Vol. I) dtd. 26.10.09. & KDH OC (101.41 Ha) obtained vide no. F No. 8-79/90-FC dtd. 01.07.1996. (copy enclosed as annexure IV)

The reclamation status is as under:

1. Plantation Year wise

Handwritten signature and official stamp of the Forest Department, Government of India, with the text 'संयोजक एवं वन विभाग, भारत' (Coordinator and Forest Department, India).

Name of Project	Year of plantation	Area	Category of land	Nos. of plants planted	Main species
KDH OCP	1992-93	31.00 Ha.	O.B.Dump	72,975	Acacia, Gamhar, Sisham, Subabul, Karanj, Kathsagwan, Chakundi, Eucalyptus, Ber, Amla, Emli, Khair, Babul, Bamboo, Menzium, etc.
	1994-95	1.00 Km.	Avenue (along railway track)	2,000	
	1998-99	20.05 Ha. 2.00 Km.	O.B .Dump Avenue (along haul road)	51,125 6,510	
	2000-01	18.00 Ha. 9.30 Ha. 0.60 Km.	O.B.Dump Plain land Avenue (colony)	45,000 23,250 2,400	
	2001-02	4.00 Ha.	O.B.Dump	10,000	
	2002-03	4.00 Ha.	O.B.Dump	10,000	
	2005-06	20.00 Ha.	O.B.Dump	50,000	
	2006-07	5.00 Ha.	O.B.Dump	12,500	
	2007-08	4.00 Ha.	O.B.Dump	10,000	
	2008-09	6.00 Ha.	O.B.Dump	15,000	
	2012-13	33.00 Ha	O.B.Dump	82,500	
	2014-15	23.00 Ha	O.B Dump	57,500	
	2016-17	2.00 Ha 3.0 km	Colony + blanks Road side	5,000 1,200	
Total		168.05 Ha. + 11.30 Ha. + 6.60 Km.	O.B. Dump / Plain land / Avenue	4,56,960	

The mined out area is being backfilled and reclaimed in such a manner to stabilize the dumps by proper benching, grading hence maintaining the overall angle of slope less than 28 degree.




Project is carrying out mining /reclamation work as per EMP/mining plan.


Land Broken = 353 ha

Land used in infrastructure = 179.82 Ha , Technically Reclaimed area = 198 Ha (approximately)

Biologically reclaimed area = 185.88 Ha, No of plantation on OB dumps = 4,16,600

पर्यावरण एवं वन विभाग
सी० एल० दरभंगा जिला
20

			
		Backfilling	Spreading of top soil
			
		<p>The reclamation status is also being monitored through satellite surveillance. The satellite imagery of KDH OCP made in year 2016 is enclosed as Annexure V.</p>	


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 पोली

Reply to the letter no. 2185 dtd. 24.05.2017 by Dy. Secretary GoJ

Sl No.	Query Raised	Compliance																												
1	Details of total Lease Area of KDH OCP	<p>Details of Leasehold Area : Total Area Under Lease: 717.17 Ha Forest Land- 514.64 Ha, Non-Forest Land- 202.53 Ha Details of Forest Land: 514.64 Ha</p> <table><tr><td>Already Diverted</td><td>Area (Ha)</td><td>File No.</td><td>Dated</td></tr><tr><td>Forestry clearance available</td><td>101.41</td><td>8-79/90-FC</td><td>01-07-1996</td></tr><tr><td>Forestry clearance available</td><td>28.95</td><td>8-79/1990-FC(Vol. I)</td><td>26-10-2009</td></tr><tr><td>Present proposal</td><td>126.72</td><td>FP/JH/MIN/8374/2014</td><td></td></tr><tr><td>Forest land broken before 1980</td><td>79.66</td><td>CCL will make a separate forest application shortly</td><td></td></tr><tr><td>Forest land unbroken and unutilized</td><td>106.34</td><td></td><td></td></tr><tr><td>Forest land broken before 1980 & reclaimed</td><td>71.56</td><td>CCL will make a separate forest application shortly</td><td></td></tr></table>	Already Diverted	Area (Ha)	File No.	Dated	Forestry clearance available	101.41	8-79/90-FC	01-07-1996	Forestry clearance available	28.95	8-79/1990-FC(Vol. I)	26-10-2009	Present proposal	126.72	FP/JH/MIN/8374/2014		Forest land broken before 1980	79.66	CCL will make a separate forest application shortly		Forest land unbroken and unutilized	106.34			Forest land broken before 1980 & reclaimed	71.56	CCL will make a separate forest application shortly	
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2	Copy of Approved Mining Plan	Copy of approved mining plan along with approval enclosed as annexure III																												
3	Proposal for Diversion of Safety Zone.	The present proposal of diversion of 126.72 Ha includes 3.84 Ha of safety zone. The diversion of safety zone is the integral part of this forest application. The soft copy of KML file , DGPS Plan and land use plan along with hard copy is enclosed as annexure VI .																												
4	Copy of Land Schedule signed by DFO, Ranchi and corresponding FRA certificate and NOC for GMJJ Land.	<p>Land Schedule authenticated by CO, Khalari is enclosed as annexure VII. FRA Certificate and NOC for GMJJ Land is enclosed as annexure VIII. The abstract is as under:</p> <table><tr><td>Village name</td><td>Tehsil</td><td>Notified forest (in Acres)</td><td>GM (JJ) (in Acres)</td><td>Total (in Acres)</td><td>Total (in Ha)</td></tr><tr><td>Bishrampur</td><td>Khalari</td><td>69.78</td><td>48.83</td><td>118.61</td><td>48.00</td></tr><tr><td>Karkatta</td><td>Khalari</td><td>138.65</td><td>55.86</td><td>194.51</td><td>78.72</td></tr><tr><td>Total</td><td></td><td>208.43</td><td>104.69</td><td>313.12</td><td>126.72</td></tr></table> <p>The copy of proceedings is enclosed.</p>	Village name	Tehsil	Notified forest (in Acres)	GM (JJ) (in Acres)	Total (in Acres)	Total (in Ha)	Bishrampur	Khalari	69.78	48.83	118.61	48.00	Karkatta	Khalari	138.65	55.86	194.51	78.72	Total		208.43	104.69	313.12	126.72				
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Karkatta	Khalari	138.65	55.86	194.51	78.72																									
Total		208.43	104.69	313.12	126.72																									
5	Comments of Chief Wild-Life Warden.	Chief Wild-Life Warden has been requested for his opinion vide letter no. 447 dtd. 21.10.17.																												

Government of Jharkhand
 Ranchi
 File No. 447
 Dtd. 21.10.17
 Dy. Secretary

6	Ten year plan for Compensatory Afforestation	The DFO, Ranchi has submitted six year plan for Compensatory Afforestation. Letter has been written to DFO, Ranchi for Ten year plan for Compensatory Afforestation vide letter no. . 114 dtd. 19.07.17.
7	Tree Enumeration Report and Report of Part II para 5.	Tree enumeration has been completed and there are 4418 trees of different species. Three copies of the enumeration list has been submitted to the range officer (Burmu Range) for further necessary action vide letter no. 106 dated 17.10.2017. Copy enclosed as annexure I.
8	Re-examine Eco-class in clause – 4 of Part-II of the proposal, if needed - rectify it.	Letter has been written to DFO, Ranchi for correction at clause 4 of part II of the proposal vide letter no. 114 dtd. 19.07.17.

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