



सेन्ट्रल कोलफील्ड्स लिमिटेड

(भारत सरकार का एक उपक्रम)

(दरभंगा हाउस, राँची-834029)

CENTRAL COALFIELDS LIMITED
(Govt. of India Undertaking)

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Ref. No. CCL/DGM-HOD(E&F)/2017/ 1336

Date: 06-11-2017

07

To,
The DFO
Ranchi

Subject: Compliance report to the EDS raised in respect of KDH OCP (126.72 Ha) dated 03.11.2017

Ref :

- 1) Patrank 2048 dtd. 21.06.17 from DFO, Ranchi
- 2) Patrank 355 dtd. 11.5.17 from PCCF cum NO, GOJ, Ranchi
- 3) Patra sankhya 617 dtd. 11.04.17 from PCCF, Wildlife & Wildlife Warden, Ranchi to PCCF cum NO, GOJ, Ranchi
- 4) Patra Sankhya van bhumi-06/2017-2185 from Dy Secy, GoJ to PCCF , Ranchi

Dear Sir,

Please find enclosed herewith the compliance report to the EDS raised in respect of KDH OCP (126.72 Ha) on dtd. 3.11.17.

Thanking You,

Yours faithfully

(Soumitra Singh)
HOD (Env.&Forest)
CCL Ranchi,

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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.	<p>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</p> <p>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 (Mandar Range) for further necessary action vide letter no. 106 dated 17.10.2017 . Copy attached as Annexure – I.</p>																												
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>FC available</td><td>101.41</td><td>8-79/90-FC</td><td>01-07-1996</td></tr><tr><td>FC 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 & under use</td><td>79.66</td><td></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></td><td></td></tr></table>	Already Diverted	Area (Ha)	File No.	Dated	FC available	101.41	8-79/90-FC	01-07-1996	FC 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 & under use	79.66			Forest land unbroken and unutilized	106.34			Forest land broken before 1980 & reclaimed	71.56		
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केडीएच/करकटा
Project Officer
KDH/Karkatta

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

In M5.1 no. of boreholes in forest land and non forest land has been furnished as under:

Bore holes drilled for prospecting				
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.

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:

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)

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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 FC of obtained by F No 8-79/1990-FC(Vol. I) dtd. 26.10.09. & KDH OC (101.41 Ha) obtained by 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

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	

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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)

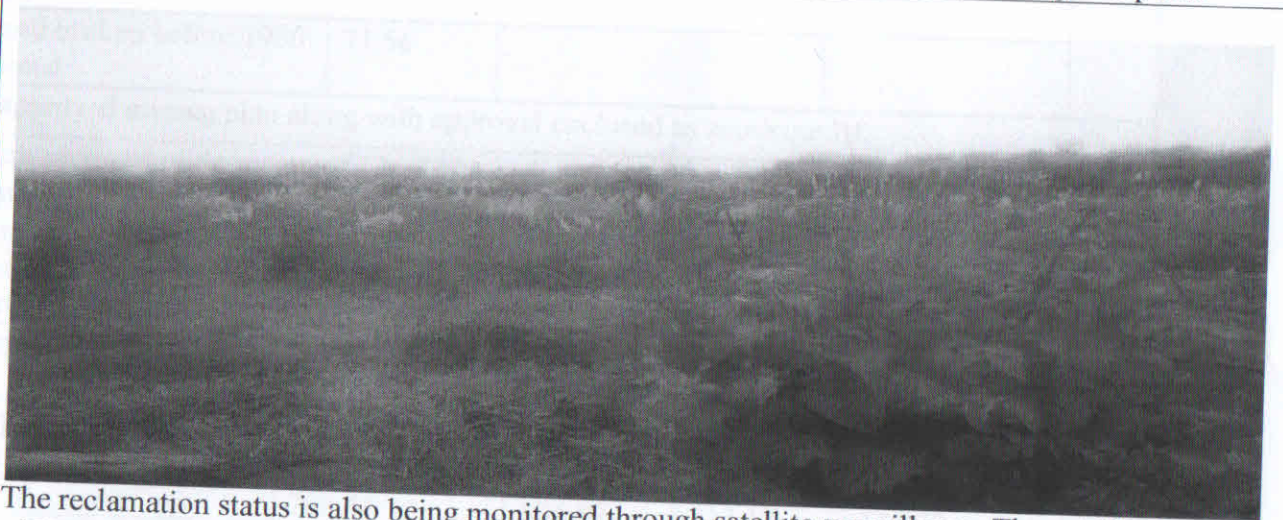
Biologically reclaimed area = 185.88 Ha, No of plantation on OB dumps ~ 4,16,600



Backfilling



Spreading of top soil



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.

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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	<div>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</div> <table><tr><th>Already Diverted</th><th>Area (Ha)</th><th>File No.</th><th>Dated</th></tr><tr><td>FC available</td><td>101.41</td><td>8-79/90-FC</td><td>01-07-1996</td></tr><tr><td>FC 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 & under use</td><td>79.66</td><td></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></td><td></td></tr></table>	Already Diverted	Area (Ha)	File No.	Dated	FC available	101.41	8-79/90-FC	01-07-1996	FC 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 & under use	79.66			Forest land unbroken and unutilized	106.34			Forest land broken before 1980 & reclaimed	71.56		
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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.	<div>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:</div> <table><tr><th>Village name</th><th>Tehsil</th><th>Notified forest (in Acres)</th><th>GM (JJ) (in Acres)</th><th>Total (in Acres)</th><th>Total (in Ha)</th></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> <div>The copy of proceedings is enclosed.</div>	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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5	Comments of Chief Wile-Life Warden.	Chief Wild-Life Warden has been requested for his opinion vide letter no. 447 dtd. 21.10.17.
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 (Mandar 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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