

कार्यालय प्रधान मुख्य वन संरक्षक (कक्ष भू-प्रबंध), सतपुड़ा भवन, मध्यप्रदेश, भोपाल

क्रमांक/एफ-1/830/2021/10-11/1236

भोपाल, दिनांक 4-6-22

प्रति,

वन महानिरीक्षक (एफ.सी.)

भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय

इंदिरा पर्यावरण भवन, अलीगंज, जोरबाग रोड,

नई दिल्ली-110003

विषय:- वन मंडल पश्चिम छिन्दवाड़ा के परिक्षेत्र परासिया के विभिन्न वन कक्षों के रकबा 61.656 हे. वनभूमि तथा विभिन्न खसरो की रकबा 88.442 हे. राजस्व वनभूमि कुल 150.098 हे. वनभूमि में ब्रम्हपुरी कोल ब्लॉक भूमिगत कोयला उत्खनन तथा अन्य उपरिसतह उपयोग के व्यपवर्तन का -मेसर्स बिरला कार्पोरेशन लिमिटेड का प्रस्ताव आन लाईन प्रस्ताव क्र. FP/MP/MIN/51637/2020

संदर्भ:- भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्र./8-33/2021-FC दिनांक 14/03/2022

---0---

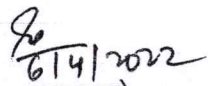
विषयांकित प्रकरण में भारत सरकार के संदर्भित पत्र क्र./8-33/2021-FC दिनांक 14/03/2022 से 05 बिन्दुओं पर जानकारी चाही गई है। चाही गई जानकारी बिन्दुवार निम्नानुसार है:-

क्र.	चाही गई जानकारी	प्रस्तुत जानकारी
i	The KML file of Safety zone has been submitted for 1.0 ha area only and the KML file for balance 1.0 ha as proposed for Infra-Plantation and green belt as mentioned in the component wise breakup in Part-1 has not been submitted.	आवेदक संस्था द्वारा सेफटी जोन क्षेत्र रकबा 1.00 हेक्टेयर में किये जाने वाले वृक्षारोपण कार्य की KML file तथा इन्फ्रा प्लांटेशन व ग्रीन बैल्ट में किये जाने वाले वृक्षारोपण के रकबा 1.00 हेक्टेयर क्षेत्र की KML file भाग-1 के अनुक्रमांक C (ii) a में पेंच क्रमांक 2 एवं 3 में अपलोड किया गया है जिसका मानचित्र Annexure-I पर संलग्न है।
ii	As per the KML file provided by State Govt. the safety Zone is located in the middle of the Mining lease. In order to ensure the effectiveness of safety zone, it is requested that the Land Use Map/Plan showing details regarding area under Open Cast Mining, dumping and other ancillary activities in accordance with the component wise breakup be submitted.	आवेदक संस्था द्वारा अवगत कराया गया है कि ब्रम्हपुरी भूमिगत खदान है। प्रवेश और अन्य सहायक गतिविधियाँ माईनिंग लीज क्षेत्र के मध्य में आती है। भारत सरकार, कोयला मंत्रालय द्वारा अनुमोदित खनन योजना के अनुसार खदान एक भूमिगत है, भूमि के उपयोग भूमिगत खनन, डंपिंग और अन्य सहायक गतिविधियों के ब्रेकअप को मानचित्र में दर्शाकर मानचित्र Annexure-II पर संलग्न प्रस्तुत किया है।

iii	The complete detail regarding total quantity of muck/overburden dump volume to be generated has not been submitted. The same along with the Muck disposal plan is required to be submitted.	आवेदक संस्था द्वारा अवगत कराया गया है कि ब्रम्हपुरी भूमिगत खदान है। खदान के विकास के दौरान केवल शाफ्ट की खुदाई से लगभग 17000 घन मीटर ओवर बर्डन उत्पन्न होगा। यह ओवर बर्डन आवेदक द्वारा गैरवनभूमि पर स्थापित किये जाने वाले बुनियादी ढांचे के निर्माण में उपयोग किया जावेगा।
iv	The copy of the approved Mine reclamation/Mine closure plan has not been submitted yet.	आवेदक संस्था द्वारा माइन रिक्लेमेशन एवं माइन क्लोजर प्लान की प्रति Annexure-III पर संलग्न प्रस्तुत किया है।
v	The Mining Plan along with the approval letter is also required to be uploaded at the designated place. The comments on the relevance and the validity of the Mining plan after a gap of 14 years have also not been submitted so far.	आवेदक संस्था द्वारा अनुमादित माईनिंग प्लान भाग-1 के निर्धारित स्थान M-2 (iv) में तकनीकी कारणों से अपलोड नहीं होने के कारण इसे अतिरिक्त कॉलम के अनुक्रमांक-20 में अपलोड किया गया है। आवेदक संस्था द्वारा यह भी लेख किया गया है कि भारत सरकार, कोयला मंत्रालय के अनुमोदन के बाद से भूवैज्ञानिक स्थितियों, खनन मापदण्डों, सामग्री और खनन योजना की स्थिति में कोई बदलाव नहीं नहीं आया है इसलिए 14 वर्ष के अन्तराल के बाद भी खनन योजना की वैद्यता समान रहती है।

अतः आवेदक संस्था द्वारा पत्र दिनांक 05/04/2022 से प्रस्तुत जानकारी संलग्न कर प्रकरण में अनुमति प्रदान करने का अनुरोध है।

संलग्न:- उपरोक्तानुसार।

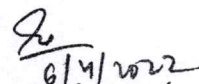

(सुनील अग्रवाल)

प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल

भोपाल, दिनांक 6-4-22

पृ. क्रमांक/एफ-1/830/2021/10-11/1237
प्रतिलिपि:-

- 1 मुख्य वन संरक्षक,, छिन्दवाडा मध्य प्रदेश।
- 2 वन मण्डल अधिकारी, सामान्य वन मण्डल, पश्चिम छिन्दवाडा मध्य प्रदेश
- 3 मेसर्स बिरला कार्पोरेशन लिमिटेड, इण्डस्ट्रीज हाऊस, द्वितीय तल, 159 चर्चगेट रिक्लेमेशन मुम्बई।
की ओर सूचनार्थ अग्रेषित।


प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल

o/c



Ref: BCL/Brahampuri/ FC/ 01/22

दिनांक-05/04/2022

श्रीमान ,

प्रधान मुख्य संरक्षक (कक्ष भू -प्रबंध),
सतपुड़ा भवन ,भोपाल (म.प्र.)

विषय :- वन मंडल पश्चिम छिंदवाड़ा के परिक्षेत्र परासिया के विभिन्न वन कक्षों के रकबा 61.656 हे. वन भूमि तथा विभिन्न खसरों की रकबा 88.442 हे. राजस्व वनभूमि कुल 150.098 हे. वनभूमि में ब्रम्हपुरी कोल ब्लॉक भूमिगत कोयला उत्खनन तथा अन्य उपरिसतह उपयोग के व्यपवर्तन का मेसर्स बिरला कार्पोरेशन लिमिटेड का प्रस्ताव ऑन लाइन प्रस्ताव क्रमांक FP /MP /MIN /51637 /2020

सन्दर्भ - भारत सरकार ,पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली का पत्र क्रमांक 8-33 /2021 - FC दिनांक 14 /03 /2022 ,एवं प्रधान मुख्य वन संरक्षक (कक्ष भू -प्रबन्ध)सतपुड़ा भवन मध्यप्रदेश भोपाल का पत्र क्रमांक /एफ -1 /830 /2021/ 10-11/1066 दिनांक 21/03/22

-----0-----

महोदय ,

उपरोक्त सन्दर्भित पत्रानुसार भारत सरकार ,पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली का पत्र क्रमांक 8-33 /2021 -FC दिनांक 14 /03 /2022 एवं प्रधान मुख्य वन संरक्षक (कक्ष भू -प्रबन्ध)सतपुड़ा भवन मध्यप्रदेश भोपाल का पत्र क्रमांक /एफ -1 /830 / 2021 /10 -11/1066 दिनांक 21 /0 3 /22 से प्रकरण में 05 बिन्दुओं की जानकारी चाही गयी थी, संस्थान आवेदक द्वारा चाही गयी, जानकारी टेबुलर फार्म में तैयार कर आवश्यक अभिलेखों सहित 02 प्रतियों में आपकी ओर आवश्यक अग्रिम कार्रवाही हेतु प्रस्तुत की जा रही है ।

अतः श्रीमान जी से अनुरोध है की ब्रम्हपुरी कोयला खदान के प्रत्यावर्तन प्रस्ताव में आवश्यक कार्यवाही करने की कृपा करें ।

सधन्यवाद

अधिकृत हस्ताक्षर कर्ता
संदीप कुमार जैन
बिक्रम कोयला खदान
मेसर्स - बिरला कार्पोरेशन लिमिटेड

संलग्न - संस्थान द्वारा उपरोक्त समस्त बिंदुवार प्रतिउत्तर एवं अनुलग्नक (i से iii तक).

प्रतिलिपि : 1. मुख्य वन संरक्षक,छिंदवाड़ा, वृत्त छिंदवाड़ा मध्य प्रदेश की ओर सूचनार्थ
2. वन मंडल अधिकारी,सामान्य वन मंडल ,पश्चिम छिंदवाड़ा म.प्र. की ओर सूचनार्थ

Queries raised on FDP proposal FP/MP/MIN/51637/2020 of Brahampuri Coal Mine of M/s BCL on 14/03/2022 by MoEF & CC, New Delhi.

Sl.No	Query	Reply
1	The KML file of Safety zone has been submitted for 1.0 ha area only and the KML file for balance 1.0 ha as proposed for Infra-Plantation and green belt as mentioned in the component wise breakup in Part-1 has not been submitted.	The KML file comprising of safety zone (admeasuring 1.0 Ha) and infra-plantation & green belt (admeasuring 1.0 Ha) is enclosed as Annexure – I.
2	As per the KML file provided by State Govt, the safety Zone is located in the middle of the Mining lease. In order to ensure the effectiveness of safety zone, it is requested that the Land Use Map/Plan showing details regarding area under Open Cast Mining, dumping and other ancillary activities in accordance with the component wise breakup be submitted.	As the Brahampuri coal mine is underground mine. The entry and other ancillary activities fall in the middle of ML area. This is as per approved mining plan by Ministry of Coal, Government of India. The mine is an underground, the Land Use Map/Plan showing details regarding area under underground Mining, dumping and other ancillary activities in accordance with the component wise breakup is enclosed as Annexure – II
3	The complete detail regarding total quantity of muck/overburden dump volume to be generated has not been submitted. The same along with the Muck disposal plan is required to be submitted.	Brahampuri coal mine is an underground mine. However, muck/overburden (approximately 17000 m ³) will be generated during mine development from shafts sinking only. The waste generated shall be brought up to the surface and will be placed initially in the earmarked dump area and will be subsequently used for levelling in low lying area in non-forest land to be used for infrastructure to make the surface topography better.
4	The copy of the approved Mine reclamation/Mine closure plan has not been submitted yet.	The copy of the approved Mine reclamation/Mine closure plan (a part of the approved mining plan) is enclosed as Annexure – III.
5	The Mining Plan along with the approval letter is also required to be uploaded at the designated place. The comments on the relevance and the validity of the Mining plan after a gap of 14 years have also not been submitted so far.	The Mining Plan along with the approval letter will be uploaded at the designated place. Further, The geological conditions, mining parameters, content and condition of Mining plan have not changed since its approval from Ministry of Coal, Government of India. Hence, the validity of the Mining plan remains same even after a gap of 14 years.

Queries raised on FDP proposal FP/MP/MIN/51637/2020 of Brahampuri Coal Mine of M/s BCL on 14/03/2022 by MoEF & CC, New Delhi.

SI.No	Query	Reply
1	The KML file of Safety zone has been submitted for 1.0 ha area only and the KML file for balance 1.0 ha as proposed for Infra-Plantation and green belt as mentioned in the component wise breakup in Part-1 has not been submitted.	The KML file comprising of safety zone (admeasuring 1.0 Ha) and infra-plantation & green belt (admeasuring 1.0 Ha) is enclosed as Annexure – I.
2	As per the KML file provided by State Govt, the safety Zone is located in the middle of the Mining lease. In order to ensure the effectiveness of safety zone, it is requested that the Land Use Map/Plan showing details regarding area under Open Cast Mining, dumping and other ancillary activities in accordance with the component wise breakup be submitted.	As the Brahampuri coal mine is underground mine. The entry and other ancillary activities fall in the middle of ML area. This is as per approved mining plan by Ministry of Coal, Government of India. The mine is an underground, the Land Use Map/Plan showing details regarding area under underground Mining, dumping and other ancillary activities in accordance with the component wise breakup is enclosed as Annexure – II
3	The complete detail regarding total quantity of muck/overburden dump volume to be generated has not been submitted. The same along with the Muck disposal plan is required to be submitted.	Brahampuri coal mine is an underground mine. However, muck/overburden (approximately 17000 m ³) will be generated during mine development from shafts sinking only. The waste generated shall be brought up to the surface and will be placed initially in the earmarked dump area and will be subsequently used for levelling in low lying area in non-forest land to be used for infrastructure to make the surface topography better.
4	The copy of the approved Mine reclamation/Mine closure plan has not been submitted yet.	The copy of the approved Mine reclamation/Mine closure plan (a part of the approved mining plan) is enclosed as Annexure – III.
5	The Mining Plan along with the approval letter is also required to be uploaded at the designated place. The comments on the relevance and the validity of the Mining plan after a gap of 14 years have also not been submitted so far.	The Mining Plan along with the approval letter will be uploaded at the designated place. Further, The geological conditions, mining parameters, content and condition of Mining plan have not changed since its approval from Ministry of Coal, Government of India. Hence, the validity of the Mining plan remains same even after a gap of 14 years.

Bramahpuri Coal Block

Infrastructure Safety Zone & Plantation

Legend

- Infra Plantation
- safety zone



Google Earth

Image © 2022 Maxar Technologies



100 m

CHAPTER X
PROGRESSIV MINE CLOSURE PLAN

10.1 Stage I : Year 01 to 08

Parameters are as follows

Seams to be worked :	Thickness (m)	
	IC	3.5 to 3.8 (thickness revised by combining with IB)
	IIA	2.1 to 2.2
Parting between seam:	2.9 to 3m	(interrelation of shale & sandstone)
Place :	North of dyke	
Sectors :	21 and 25	
Depth from surface :	Starting 175m (Sector 21) Max. 290m (sector 25)	
Landing :	Floor of seam IIA at a depth of 175m.	
Gradient of seam floor:	1 in 8 (7°)	
Sequence of development :	Simultaneous development of seam IIA & IC maintaining verticality of pillars and galleries and min. thickness of 3m. for parting.	
Coal winning :	Solid blasting	
Coal transport :	Seam IIA	Seam IC
	Face :	Low ht. LHD loading into gathering belt
	Gate:	Belt conveyor
	Trunk :	Belt conveyor in Seam IIA carrying coal from Seam IC - through strata bunkers constructed in staple pits.
No. of districts :	2 No. in Seam IIA	2 Nos. in Seam IC
Daily output :	6 heading panel in Seam IIA : 250 to 300 TPD	
By development :	6 heading panel in Seam IC : 350 to 400 TPD	
and by depillaring	Total for 4 districts : Av. 1200 TPD	

A. K. F. Haque

Retd. C. M. E.

C. M. P. D. I, Nagpur

Mining Consultant/1 QP

Phone No. 0712-2551273

Reserves to be liquidated: See Table 5.9

By development **0.630 Mt**

By depillaring **0.872 Mt.**

Total 1.502 Mt.

Max. annual output: **0.36 Mt.**

Working life of stage-I: About 8 years including shaft sinking period of 3 years.

Yearwise schedule of production

Yr.	Coal production (Mt)		Yr.	Coal Production (Mt)	
	Yrly.	Cum.		Yrly.	Cum.
01	-	-	06	0.36	0.91
02	-	-	07	0.36	1.27
03	0.03	0.03	08	0.36	1.63
04	0.18	0.21			
05	0.34	0.55			Stage I completed Stage II started

10.2 Stage II (Year 08 to year 13)

A. Area of activity

- North of dyke : Seams IV, VA in sector 21 and 25.
Seams IIC & IIA in sectors 23 & 24.
- South of dyke : Seam IC and IIA in sectors 18 and 17.

B. Details of seamwise reserves (Extracted from Table 5.4 – Ch. V.).

Figs. in mil. tes.

Seams	North of dyke			South of dyke			Total Extractable
	Geol.	Panel	Extractable	Geol.	Panel	Extractable	
IC	0.832	0.342	0.246	1.634	0.942	0.577	0.823
IIA	0.493	0.205	0.123	0.592	0.355	0.213	0.336
IIB							
III							
IVA	1.130	0.679	0.304	-	-	-	0.304
VA	2.108	1.328	0.473	-	-	-	0.473
VB	0.510	0.192	0.050	-	-	-	0.500
	5.143	2.746	1.196	2.226	1.297	0.790	1.986

- C. Shaft landing : on the floor of seam VB – North of dyke at a depth of 225 from surface
- D. Entry : North of dyke : Seam IVA through drift from shaft bottom.
- South of dyke : Seam IC & IIA by drift through shaft bottom (120m long) cutting across dyke

A. K. F. Haque

Retd. C. M. E.

C. M. P. D. I., Nagpur

Mining Consultant / Q²

Phone No 0712-2551273

V. S. RANA
UNDER SECRETARY
MINISTRY OF COAL
GOVT. OF INDIA
NEW DELHI

E. Mining technology :

Seam IC : Std. ht. LHD & belt conveyor
(seam thickness > 2.8m)

Seam IIA (North of dyke), IVA, VA: Low ht. LHD & belt conveyor
(2.1 to 2.8).

Seam VB and IIA (south of dyke) : Low ht. SDL/ chain conveyor.

F. Production schedule

Year	Coal (Mt)		Remarks
	Yrly.	Cum.	
08	0.13	0.13	excess from stage I
09	0.36	0.49	
10	0.36	0.85	
11	0.36	1.21	
12	0.36	1.57	
13	0.36	1.93	
14	0.056*	1.986	* balance from stage III

10.3 Stage III (Year 13 to year 30)

This stage involves drivage of a pair of stone drifts each about 120m long from shafts 1 and 2 to intersect seam VA south of dyke and develop both upper and lower group of seams on the downthrow side of fault F22. Needless to point out, the area south of dyke in this stage of mine is having the highest mining potential – seamwise reserves of which are given in table 5.4 (Chapter V). The mining plan envisages the following extractable reserves from seam IC, IIA, IIB, III, IVA, VA and VB (Details in table 5.11 – Chapter V).

Available Geol Reserves : 24.078 Mtes.

Reserves within panel : 14.742 Mtes.

Kan
वी. एस. राजा/V. S. RAJAN
अवर सचिव/UNDER SECRETARY
कोयला मंत्रालय/MINISTRY OF COAL
भारत सरकार/GOVT. OF INDIA
नई दिल्ली/NEW DELHI

47
A. K. F. Haque
Retd. C. M. E.
C. M. P. D. I, Nagpur
Mining Consultant/ Q
Phone No. 0712-2551273

Extractable reserves:

By development	: 2.903	}	8.855
By depillaring	: 5.952		

The mining plan proposes extraction of approx. 6.00 Mil. tes. from this stage over a period of 17 years (end of ML period of 30 years) @ 0.36 Mt/annum and the balance reserves beyond the end of ML period after renewal of mining lease. The extent of the area measures 2.2Km. along strike and 1.2 Kms. along the dip rise direction. The liquidation of the reserves distributed in upper and lower group of seams (divided into a no. of sectors by faults) through shafts 1 and 2 located to the north of dyke may pose problems of logistics as well as ventilation for which another shaft may need to be sunk at a later date. The actual location of this shaft No. 3 depends upon a number of factors which are not possible to visualize at present. As and when the decision is taken for sinking another shaft the Mining Plan will be revised and submitted for fresh approval.

47
A. K. F. Haque
Retd. C. M. E
C. M. P. D. I., Nagpur
Mining Consultant/I Q
Phone No 0712-2551273

V. S. Rana
वी. एस. राणा/V. S. RANA
अवर सचिव/UNDER SECRETARY
कोयला मंत्रालय/MINISTRY OF COAL
भारत सरकार/GOVT. OF INDIA
नई दिल्ली/NEW DELHI