

OFFICE OF THE DIVISIONAL FOREST OFFICER, ANGUL DIVISION, ANGUL

Memo No. 4926 /DRP/2023/Dated. 17.8.23

To

The Regional Chief Conservator of Forests,
Angul Circle, Angul.

Sub: - Proposal for diversion of 193.845 Ha forest land within Mining Lease area over 1265.00 Ha. of Balaram Open Cast expansion (15MTy) Coal Block of Mahanadi Coal Field Limited in Angul Forest Division of Angul District.
Submission of reply observation by PCCF (Nodal) FC Act. O/o the PCCF(O).

Ref: - 1. Proposal No. FP/OR/MIN/59166/2020.
2. State Sl. No. OR-025/2021 dt. 05.04.2021.
3. Memo No. 15493 dtd. 02.08.2023 of PCCF (FD & NO, FC Act.).
4. Letter No. 379 dt. 09.08.2023 of G.M, Hingula Area.

With reference to the above cited memo No. on the captioned subject, it is to inform that the forest diversion proposal for seeking prior approval of GOI MOEF under Forest Conservation Act, 1980 for diversion of 193.845 Ha forest land within Mining Lease area over 1265.00 Ha. of Balaram Open Cast expansion (15MTy) Coal Block of Mahanadi Coal Field Limited in Angul Forest Division of Angul District.

In view of the above, the User Agency submitted the point wise reply vide his Letter No. under reference (4) observations made by the Conservator of Forests (Nodal) O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar vide his memo No. under reference (3) is furnished below.

1	<u>Observation</u>	The Stage-II clearance was accorded over 85.01 ha forest land on 28.09,1990. It has been stated by the user agency that 156.37 ha mined out area has been back filled, reclaimed and 3,73,044nos of seedlings have been planted. From the KML file submitted, plantation on avenue, OB dumps etc. were noticed. The user agency is requested to provide the KML file of year wise mined out area reclaimed and over that biological reclamation taken up as per progressive mine closure plan.
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Reply

In the reply to this observation, the UA i.e., G.M. Hingula Area has submitted the KML files and Plan of total technically reclaimed area and the year wise biological reclamation which is enclosed.

The year wise biological reclamation plan was drafted in reference/accordance to the planned progressive / year wise coal production and OB removal. Till date the total coal production is 132 MT. The total production and land details as on 31.03.2023 have been provided in the following table:

Production and Land Details as on 31.03.2023	
Coal production (MT)	132.13
OB Removal (Mcum)	208.02
Total excavated area (Ha)	596.1
Total area Decoaled (Ha)	478.9
Area of External OB Dump (Ha)	50.82

The Details of Actual total technically and biologically reclaimed area as on 31.03.2023 and the planned reclamation details in accordance to coal production of 132 MT as per the PR/EIA-EMP 8 Mty Kalinga (BalramOCP) have been provided in the following table.

Technical and Biological reclamation Details			
Specific	Actual as on 31.03.2023	Planned as per the PR/EIA-EMP (8Mty) when the achieved coal production is 132.13MT	Lag in reclamation (Planned – Actual)
Technically reclaimed area (Ha)	175.71	430.8	255.09
Biologically reclaimed area (Ha)			
(a) Internal OB Dump (Ha)	89.02*	400.8	311.78
(b) External OB Dump (Ha)	26.52	79.7	53.18
Total Plantation (Ha)	115.54	480.5	364.96

*Year-wise Plantation details in internal Overburden is mentioned below.

In addition to that 26.46 Ha as Block plantation in Vacant land and 14.37 Ha as Avenue Plantation is done.

The lag in plantation on Internal OB Dump is due to the following reasons:

1. As per the PR of 8 Mty Kalinga (Balram OCP) the maximum RL of the internal Dump was planned to be +125 metres, However, in the Balram OC expansion 15 Mty mining plan, the planned RL was increased to +205 metres. Till now the project has achieved max RL of +165 metres. The plantation in the above said area will be taken up once the planned RL is achieved.

2. Due to R&R issues, the production of coal was planned in different patches (quarry) as per the availability of land.

The year wise plantation done on technically reclaimed area in Balram OCP, Hingula Area, MCL

Internal OB Plantation	
Year	Area (Ha)
1993-94 Plantation	0.85
1995-96 Plantation	5.80
1996-97 Plantation	9.30
1996-97 Plantation	1.50
2001-02 Plantation	7.26
2001-02 Plantation	3.00
2001-02 Plantation	3.64
2002-03 Plantation	2.12
2004-05 Plantation	7.00
2004-05 Plantation	2.85
2006-07 Plantation	17.00
2009-10 Plantation	3.20
2011-12 Plantation	6.50
2012-13 Plantation	6.00
2014-15 Plantation	3.60
2015-16 Plantation	6.40
2016-17 Plantation	2.00
2017-18 Plantation	1.00
Total	89.02

The KML file and map countersigned by Divisional Forest Officer, Angul is enclosed as **Annexure I**.

SN	Component	Area in Ha	Layer Name in KMZ
1.	Technically reclaimed area (Ha) as on 31.03.2023	175.71	Area Backfilled to defined RL as per MCPEMP
2.	Biologically Reclaimed (a) Internal OB Dump (Ha)	89.02	InternalOB Plantation
3.	Biologically Reclaimed (b) External OB Dump (Ha)	26.52	09.08.2023 External OB Plantation

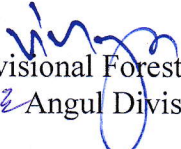
2	Observation	The user agency has to provide the proposed year wise mined out non-forest area to be biologically reclaimed as per the undertaking to hand over the exact non-forest biologically reclaimed area after 10 years of getting Stage-II approval against the area proposed for diversion. The KML file of the same may also be furnished.																								
	Reply	<p>In the reply to this observation, the UA i.e., G.M. Hingula Area has submitted the KML file and Plan of the proposed year wise mined out non-forest area to be biologically reclaimed as per the undertaking and to hand over the exact non-forest biologically reclaimed area after 10 years of getting Stage-II approval against the area proposed for diversion. The year wise detail is as follows:</p> <table border="1" data-bbox="630 646 1321 1188"> <thead> <tr> <th>Year</th> <th>Area (Ha)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>14.000</td> </tr> <tr> <td>2nd</td> <td>14.000</td> </tr> <tr> <td>3rd</td> <td>16.000</td> </tr> <tr> <td>4th</td> <td>16.000</td> </tr> <tr> <td>5th</td> <td>16.000</td> </tr> <tr> <td>6th</td> <td>20.000</td> </tr> <tr> <td>7th</td> <td>20.000</td> </tr> <tr> <td>8th</td> <td>25.000</td> </tr> <tr> <td>9th</td> <td>25.000</td> </tr> <tr> <td>10th</td> <td>27.845</td> </tr> <tr> <td>Total</td> <td>193.845</td> </tr> </tbody> </table> <p>The KML file with layer Name: “09.08.2023 Non-forest Land (193.845 Ha) to be handed over after 10 years” and map countersigned by Divisional Forest Officer, Angul is enclosed as Annexure II.</p>	Year	Area (Ha)	1 st	14.000	2 nd	14.000	3 rd	16.000	4 th	16.000	5 th	16.000	6 th	20.000	7 th	20.000	8 th	25.000	9 th	25.000	10 th	27.845	Total	193.845
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Total	193.845																									

Hence, the compliance reports along with pen-drive as submitted by the user agency and duly verified by Divisional Forest Officer, Angul Division are submitted herewith in 4 (Four) sets each for favour of your kind information and necessary action.

Encl: -

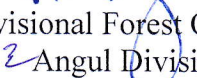
- Annexure-I Photo copy of compliance letter No. 379 dt. 09.08.2023 of G.M, Hingula Area.
- Annexure -II The KML file and map of year wise plantation done on technically reclaimed area in Balaram OCP HingulaArea, with year wise plantation statement.

Annexure- III KML file and Plan of the proposed year wise mined out non-forest area to be biologically reclaimed as per the undertaking to hand over the exact non-forest biologically reclaimed area after 10 years of getting Stage-II approval against the area proposed for diversion.


Divisional Forest Officer
Angul Division

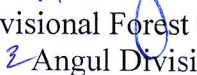
Memo No. 4927 / Dated. 17.8.23.

Copy forwarded to the Divisional Forest Officer, Dhenkanal Division for information and necessary action with reference to Memo No.15495 dtd. 02.08.2023 of PCCF (FD & NO, FC Act.).


Divisional Forest Officer
Angul Division

Memo No. 4928 / Dated. 17.8.23.

Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer FC Act O/O the PCCF Odisha, Bhubaneswar for favour of kind information and necessary action with reference to your Memo No. Memo No.15494 dtd. 02.08.2023


Divisional Forest Officer
Angul Division

Memo No. 4929 / Dated. 17.8.23.

Copy forwarded to the General Manager, Hingula Area, At/PO- Danara Talcher, Angul-759148 for information and necessary action with reference to your letter No. 379 dt. 09.08.2023


Divisional Forest Officer
Angul Division



OFFICE OF THE GENERAL MANAGER

HINGULA AREA

PO: N.S. NAGAR, PIN-759148

Dist: Angul (Odisha), Ph No-(0670)265350

महानदी कोल्फील्ड्स लिमिटेड (भारत सरकार का उद्यम)
MAHANADI COALFIELDS LIMITED (A Government of India Enterprise)

DRF
11/8/23

No. MCL/GM/HA//Envt./2023-24/ 279

Dated-09.08.2023

To,
The DFO,
Angul Division

Sub : Proposal for diversion of 193.845 Ha of forest land with in Mining Lease area over 1265.00 Ha of Balram Open Cast expansion(15MTY) Coal Block of Mahanadi Coal Field Limited in Angul Forest Division of Angul District. Proposal No. FP/OR/MIN/59166/2020 and State Sl. No. OR-025/2021 dated 05.04.2021. - Compliance regarding.

Ref no. - Memo No. 15493 dated 02.08.2023 of the PCCF Office
Bhubaneswar

4034
11.8.23
With reference to the above cited subject and advise from the office of Nodal Officer (FC Act) O/o PCCF Odisha, Bhubaneswar the point wise reply to the raised discrepancies are as follows:

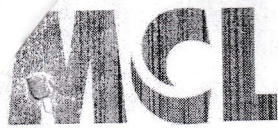
Observation I:

The Stage-II clearance was accorded over 85.01 ha forest land on 28.09,1990. It has been stated by the user agency that 156.37 ha mined out area has been back filled, reclaimed and 3,73,044 nos of seedlings have been planted. From the KML file submitted, plantation on avenue, OB dumps etc were noticed. The user agency is requested to provide the KML file of year wise mined out area reclaimed and over that biological reclamation taken up as per progressive mine closure plan.

Reply:

The KML files and Plan of total technically reclaimed area and the yearwise biological reclamation over it have been enclosed.

The yearwise biological reclamation plan was drafted in reference/accordance to the planned progressive/yearwise coal production and OB removal. Till date the total coal production is 132 MT. The total production and land details as on 31.03.2023 have been provided in the following table:



OFFICE OF THE GENERAL MANAGER
HINGULA AREA

PO: N.S. NAGAR, PIN-759148

Dist: Angul (Odisha), Ph No-(0670)265350

महानदी कोल्फील्ड्स लिमिटेड (भारत सरकार का उद्यम)
MAHANADI COALFIELDS LIMITED (A Government of India Enterprise)

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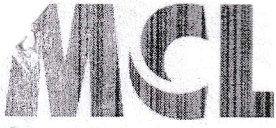
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MAHANADI COALFIELDS LIMITED (A Government of India Enterprise)

**Yearwise plantation done on technically reclaimed area in Balram OCP,
Hingula Area, MCL**

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2016-17 Plantation	2.00
2017-18 Plantation	1.00
Total	89.02


महाप्रबंधक
हिंगुला क्षेत्र
General Manager
Hingula Area

Observation II:

The user agency has to provide the proposed year wise mined out non-forest area to be biologically reclaimed as per the undertaking to hand over the exact non-forest biologically reclaimed area after 10 years of getting Stage-II approval against the area proposed for diversion. The KML file of the same may also be furnished.

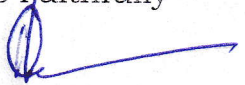
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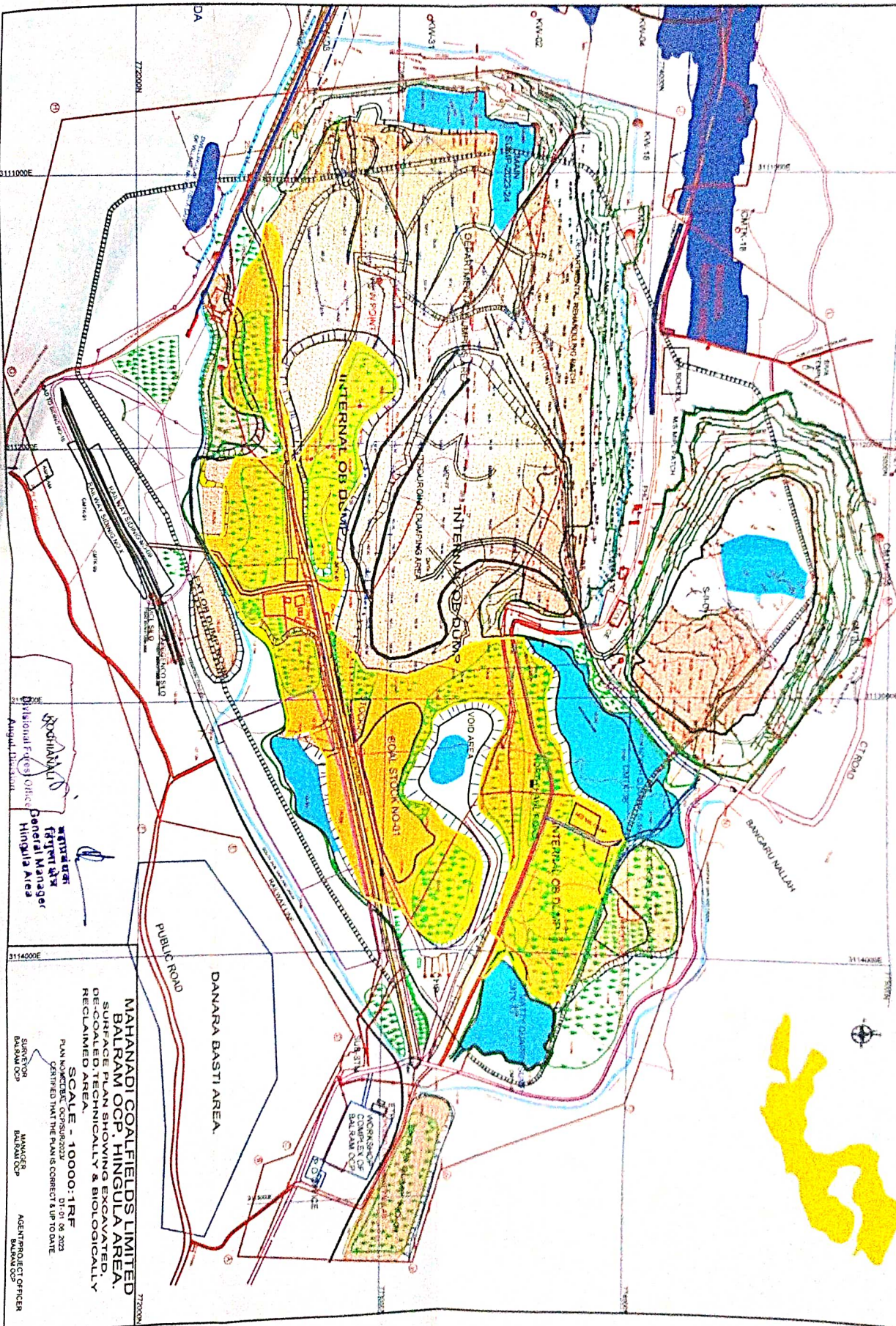
Enclosure: As above

Yours Faithfully


General Manager
Hingula Area
महाप्रबंधक
हिंगुला क्षेत्र
General Manager
Hingula Area

Copy to:

1. PCCF, Forest Diversion & Nodal Officer FC Act O/O the PCCF Odisha, Bhubaneswar
2. RCCF, Angul



Boundary of NIT 151

CUT 850

CUT 851

CUT 852

CUT 853

CUT 854

CUT 855

CUT 856

CUT 857

CUT 858

CUT 859

CUT 860

CUT 861

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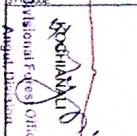
CUT 998

CUT 999

CUT 1000

LEGENDS

NO.	DESCRIPTION	SYMBOL
1	BOUNDARY OF NIT 151	Red dashed line
2	INTERNAL OB DISM	Yellow and green shaded areas
3	FOOD AREA	Blue shaded area
4	EQUAL STOCK	Blue shaded area
5	ROAD	Red solid line
6	WATER BODY	Blue shaded area
7	PLANTATION AREA	Green shaded area
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 Mr. P. S. Patil
 General Manager
 Hingula Area
 Bahram OCP
 National Office
 Hingula Area

MAHANADI COALFIELDS LIMITED
 BARAM OCP, HINGULA AREA.
 SHOWN SHOWING EXCAVATED,
 DEGRADED TECHNICALITY & BIOLOGICALLY
 RECLAIMED AREA.
 SCALE - 10000:1RF
 PLAN NO. C/201/2023
 DT: 01.06.2023
 CERTIFIED THAT THE PLAN IS CORRECT & UP TO DATE.
 SUPERVISOR
 BARAM OCP
 MANAGER
 BARAM OCP
 AGENT/PROJECT OFFICER
 BARAM OCP