



MCL



**OFFICE OF THE GENERAL MANAGER
JAGANNATH AREA**
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Ref. No.: MCL/GM/JA/ENV.T./BBSRI OCP/FC/2023-24/ **431**

Date: 15/01/2024

To

**The Divisional Forest Officer
Angul Division, Angul**

Sub: Reply to EDS dated 04.07.2023 for Diversion of 20.383 Ha. Forest Land for continuation of mining operation at Bhubaneswari OCP of M/s Mahanadi Coalfields limited (MCL) - Reg.

Ref: 1. Proposal No. FP/OR/MIN/155017/2022.
2. EDS Letter vide No. 8-18/2002-FC(vol) dtd. 05.07.2023 by Surabhi Rai, DIGF, MoEF&CC, New Delhi
3. Letter vide Memo no 4586/243/DRP/2023/ Dtd 09.08.2023 by the DFO, Angul

Dear Sir,

With reference to the above captioned subject and EDS letter mentioned under reference; enclosed please find herewith the point wise compliance report of the observation as desired by the Deputy Inspector General of Forests, MoEF&CC, New Delhi Conservator of Forests (Nodal), O/o the Principal Chief Conservator of Forests & HoFF, Odisha vide EDS letter No. 8-18/2002-FC(vol) dt. 05.06.2023

Sl No	Observation by MoEF&CC	Compliance
i	The IRO Bhubaneswar vide letter dated 17.08.2022 (Copy enclosed) has provided the Status of compliance report of conditions of earlier approval for 112.521 ha of forest land vide Ministry letter dated 06.12.2004. After the examination of the said SIR, the Ministry vide its letter dated 19.09.2022 (Copy enclosed) requested to the State Government to furnish the status of progress made during the intervening period of 12 years along with the detail of year wise financial expenditure. The same is still awaited and required to be submitted for further action in this proposal.	In compliance to the Stage-II forest clearance, an amount of Rs. 54,24,896.00/- has been deposited vide DD/Check No. 422052 dtd.04.09.2004 for implementation of Habitat Improvement Plan for the surrounding areas. The status of progress made during the intervening period of 12 years along with the detail of year wise financial expenditure as desired by MoEF&CC vide dtd.19.09.2023 may be provided by the DFO, Angul
ii	As the mining lease of the Bhubaneswari OCP is 658.724 ha, out of which 132.904 ha is forest land. The Ministry has already diverted 112.521 ha forest land. Balance 20.383 ha DLC forest land is required to be diverted for expansion of Bhubaneswari OCP. The area for safety zone 6.795 was not included in the earlier approval. Therefore, the state may include in this proposal so that all forest land may be diverted	Application was submitted for diversion of 132.904 Ha out of which approval was granted for 112.521 Ha only vide F.No.8-18/2002-FC dt. 16.10.2002 and F.No.8-18/2002-FC dt. 06.12.2004. The safety zone area for already diverted forest land (112.521 Ha) is 6.033 Ha In this proposal following payments were made: 1. NPV Cost for 112.521 Ha: Rs. 8,43,90,750.00 DD/Check No. 5054-260 dt. 07.07.2007 2. Additional NPV Cost for safety zone of 6.033 Ha: Rs. 56,64,987.00 vide DD/Check No. 868463 dt. 26.07.2010 3. Cost of safety zone scheme for 6.033 Ha: Rs. 25,88,100.00 vide DD/Check No. 007304 dt. 08.09.2008 4. Cost of 1.5 times safety zone CA scheme for 10.00 Ha: Rs. 2,40,000.00 vide

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		<p>DD/Check No. 007304 dt. 08.09.2008</p> <p>Though the area for safety zone 6.795 Ha was not included in the earlier proposal, payments towards NPV and regeneration of 1.5 times safety zone has already been deposited by MCL as mentioned above.</p> <p>The details regarding safety zone area including Land schedule, DGPS Surveyed Plan, Protection and re-generation of Safety zone & Afforestation over 1.5 times of safety zone in degraded forest elsewhere (10 Ha) and details of NPV for safety zone are enclosed in <u>Annexure-I</u> for diversion of 6.033 Ha safety zone area along with this proposal</p> <p>As per guidelines issued by MoEF&CC vide letter no FC-11/151/2022-FC dated 7th November 2022, MCL has submitted its application for inclusion of 7.5 m wide strip forest land i.e. 6.033 Ha vide letter no. 151 dt. 17.12.2022 to AIGF, MoEF & CC New Delhi and PCCF(Nodal), Bhubaneswar. (Copy enclosed in Annex-II)</p>
iii	KML file of the safety zone area 6.795 ha and also the KML file of the 1.5 times CA area for which the UA has deposited the amount in 2008.	<p>KML file of the safety zone area 6.033 ha is provided in pendrive</p> <p>KML file of the 1.5 times CA area may be provided by DFO Angul, Forest Deptt. Odisha</p>
iv	KML file of the safety zone 0.615 may be uploaded on portal.	KML file of the safety zone 0.615 was already submitted along with proposal. However, it is provided in pendrive.
v	The KML file of 112.521 ha forest land which has been diverted earlier is required for detailed analysis of the proposal.	The KML file of 112.521 ha forest land is provided in enclosed pendrive
vi	State Government may provide the present status of compensatory afforestation raised and maintained over 225.042 ha of degraded forest land. Shape/KML files of the compensatory afforestation site also be submitted.	<p>225.042 ha. of forest land has been identified in Durgapur RF under Chhendipada Range of Angul Division by the State Forest Department for CA. The details of fund deposited are as follows:</p> <ol style="list-style-type: none"> 1. Cost of Compensatory Afforestation Scheme: Rs 32,53,159.00 vide DD/Check No. 17707 dtd. 09.05.2003 <p>The C.A has been taken up over 225.042 ha. during the year 2005-06 and 2006-07.</p> <p>Present status of compensatory afforestation raised and maintained over 225.042 ha of degraded forest land and Shape file/KML files of the compensatory afforestation site may be provided by DFO Angul, Forest Deptt. Odisha</p>
vii	In this proposal 20.383 ha land is required to be diverted including 0.615 ha safety zone. Area for CA has provided 47.385 ha @500 plant per hectare. As per the provisions minimum 1000 plant per hectare have to be planted. The state may provide the details that how to accommodate the balance seedlings.	<p>Details may kindly be provided by the DFO Angul, Forest Deptt. Odisha.</p> <p>An area of 63.408 Ha at mouza Kamapur and 49.275 Ha at mouza Gurjang under Talcher Tehsil has been identified and DGPS survey Plan have been submitted for CA purpose. However, an area of 47.385 Ha at village Karnapur was considered for CA land</p>
viii	Whether any family is residing on the proposed forest land i.e. on 20.383 ha of forest land. If yes, then new R&R plan as per the RFCTLARR Act, 2013 is required	No families are residing on the proposed forest land to be diverted hence new R&R plan as per the RFCTLARR Act, 2013 is not required.
ix	Cost benefit ratio has been estimated to be 1:381.836 which seems to be on higher side. It seems estimation of cost and benefit components has not been done properly. The analysis needs to be re-estimated by accounting CB	<p>Cost benefit Analysis (CBA) has been reviewed and revised accordingly considering the CB parameters. After revision, cost benefit has been estimated to be 1:139.59.</p> <p>Revised CBA is enclosed.</p>

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	parameters appropriately.																																																							
x	<p>There is a discrepancy in the land use pattern given by the State and given in approved mining plan. As per the revised mining plan (revision 2 column) the forest land is 126.191 ha and as per the State Gov. forwarding letter it is 125.576. Similarly, Safety zone total area is 6.163 and as per the forwarding letter it is 6.778. There needs clarification.</p>	<p>As per the revised Mining Plan Rev 2, the land required in Chapter 6, forest land required under quarry excavation is 125.576 Ha and the area for 7.5 m safety zone is 0.615 Ha. i.e. (125.576 Ha+0.615 Ha= 126.191 ha)</p> <p>In the component wise break up of Form-A Part I submitted by User Agency, it has been mentioned that out of 20.383 ha, 19.768 Ha is for quarry excavation and 0.615 Ha has been earmarked for safety zone.</p> <table><tr><th colspan="3">Component wise breakup</th></tr><tr><th>Sl No</th><th>Component</th><th>Forest Land (ha.)</th></tr><tr><td>1</td><td>Quarry Excavation Area</td><td>19.768</td></tr><tr><td>2</td><td>Safety Zone Area</td><td>0.615</td></tr><tr><td></td><td>Total</td><td>20.383 Ha</td></tr></table> <p>Further, State Govt. in its forwarding letter has reproduced the same, i.e. as per details mentioned in Form-A Part I.</p> <p>Similarly, Safety zone total area is 6.778 that includes 0.615 Ha (i.e. safety zone in non-forest 6.163 + forest 0.615 Ha = 6.778 Ha) and same has been recommended in forwarding letter.</p> <p>Hence, it is submitted that there is no discrepancy in the land use pattern. The details of breakup of land use pattern is mentioned below.</p> <table><tr><th colspan="2">Items</th><th colspan="3">Proposed MP&MCP of Bhubaneswari OCP (30 Mty), Revision-2</th></tr><tr><th rowspan="2">Sl No</th><th>Particulars</th><th colspan="3">Total Area in ha</th></tr><tr><th>(ML-mining lease)</th><th>Forest</th><th>Non forest</th><th>Total</th></tr><tr><td>1</td><td>Quarry Excavation</td><td>125.576</td><td>488.531</td><td>614.107</td></tr><tr><td>2</td><td>Safety zone</td><td>0.615</td><td>6.163</td><td>6.778</td></tr><tr><td>3</td><td>Infrastructure (CHP, Washery, Silo point, Project office, laying Of railway lines for dispatch point)& Future working expansion Area**</td><td>6.713</td><td>18.606</td><td>25.319</td></tr><tr><td>4</td><td>Embankment</td><td>NIL</td><td>12.52</td><td>12.52</td></tr><tr><td>A.</td><td>Total ML area</td><td>132.904</td><td>525.820</td><td>658.724</td></tr></table> <p>Accordingly, corrigendum to mining plan Rev-2 was approved by the MCL Board dtd 23.09.23. (Copy enclosed)</p>	Component wise breakup			Sl No	Component	Forest Land (ha.)	1	Quarry Excavation Area	19.768	2	Safety Zone Area	0.615		Total	20.383 Ha	Items		Proposed MP&MCP of Bhubaneswari OCP (30 Mty), Revision-2			Sl No	Particulars	Total Area in ha			(ML-mining lease)	Forest	Non forest	Total	1	Quarry Excavation	125.576	488.531	614.107	2	Safety zone	0.615	6.163	6.778	3	Infrastructure (CHP, Washery, Silo point, Project office, laying Of railway lines for dispatch point)& Future working expansion Area**	6.713	18.606	25.319	4	Embankment	NIL	12.52	12.52	A.	Total ML area	132.904	525.820	658.724
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xi	<p>In this proposal the UA has deposited the amount of CA levied after the S-II approval. All details of the funds deposited in the erstwhile Ad-hoc CAMPA may provide in the prescribed format for conformation.</p>	<p>225.042 ha. of forest land has been identified in Durgapur RF under Chhendipada Range of Angul Division by the State Forest Department for CA. The details of fund deposited are as follows:</p> <p>1. Cost of Compensatory Afforestation: Rs 32,53,159.00 DD/Check No. 17707 dtd. 09.05.2003</p> <p>The C.A has been taken up over 225.042 ha during the year 2005-06 and 2006-07.</p> <p>Details in the prescribed format may kindly be furnished by DFO Angul, Forest Deptt. Odisha.</p>																																																						
xii	<p>This is the second revision of the Mining Plan; therefore, the State Government is requested to provide the copy of the earlier approved mining</p>	<p>The Mining Plan (Revision 1) was prepared for 28 MTPA capacity in an ML area of 638.341 Ha (including 112.521 Ha forest land which is already diverted)</p> <p>The Mining Plan (Revision 2) was prepared for 30 MTPA capacity in an ML area of</p>																																																						

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plans and details of the changes made in the mining plans.

658.724 Ha (including 112.521 Ha forest land which is already diverted and 20.383 Ha for which proposal for diversion has been submitted). Out of 20.383 Ha of Forest land, 19.768 ha is taken under Quarry Excavation area and 0.615 Ha is kept as safety zone area.

The details of the changes made in the mining plans are as mentioned below

Items		MP&MCP of Bhubaneswari (28 Mty).Revision-1			Proposed MP&MCP of Bhubaneswari (30 Mty), Revision-2		
Sl No	Particulars	Total Area in ha			Total Area in ha		
	(ML-mining lease)	Forest	Non-forest	Total	Forest	Non forest	Total
1	Quarry Excavation	105.808	477.944	583.752	125.576*	488.531**	614.107
2	Safety zone		5.747	5.747	0.615	6.163**	6.778
3	Infrastructure (CHP, Washery, Silo point, Project office, laying Of railway lines for dispatch point)& Future working expansion Area**	6.713	29.609	36.322	6.713	18.606	25.319
4	Embankment	NIL	12.52	12.52	NIL	12.52	12.52
A.	Total ML area	112.521	525.820	638.341	132.904	525.820	658.724

Both the copies of mining plan are being submitted herewith.

This is for favour of kind information and further needful action at your end, please

Yours faithfully

General Manager
Jagannath Area

यह प्रबंधक
जगन्नाथ क्षेत्र, एम.सी.एल.
General Manager
Jagannath Area, MCL.

Enclosure:

- 1) As mentioned above
- 2) 6 nos. of Pendrive (for Copy of relevant document and kml files)

Copy for kind information to:

1. PCCF (HoFF), Government of Odisha, Bhubaneswar.
2. DDGF (Central), MoEF&CC's Integrated Regional Office, Bhubaneswar.
3. PCCF cum Nodal Officer (FCA), Government of Odisha, Bhubaneswar.
4. The TS to Director (Technical/P&P), MCL, Sambalpur
5. The General Manager (Envt.&Forest), MCL HQ, Sambalpur
6. The Project Officer, Bhubaneswari OCP
7. The Staff Officer (Survey/Env/L&R/P&P/Min.), Jagannath Area
8. Office copy (Forest Diversion file)

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