

ମହାନଦୀକୋଲଫିଲ୍ଡ୍‌ସଲିମିଟେଡ୍
महानदीकोलफील्ड्सलिमिटेड
Mahanadi Coalfields Limited

Office of The General Manager,
Lakhanpur Area, MCL
At/Po: Bandhabahal, Via: Belpahar,
Dis: Jharsuguda (Orissa), Pin: 768211
Phone: (06645) 233202, Fax: 233353



MCL

MCL/GM/LKPA/ ASO/FOREST/2022/ 504

Dt. 21.01.2022

To

The Divisional Forest Officer,
Jharsuguda Forest division,
Jharsuguda.

Sub: Proposal of non-forestry use of 417.073 ha & Re-Diversion (Change of Land use) of 171.774 ha forest land in favour of M/s Mahanadi Coalfield Limited for Integrated Lakhanpur-Belpahar-Lilari Opencast, 40 Mty Coal Mining Project in district Jharsuguda (Odisha)

- Ref No. 1. Your letter Reference no.294/4F (Misc) dated Jharsuguda the 17th January, 2022.
2. Memo No. 1076/FE&CC, date 15.01.22 FE-DIV-FLD-0142-2021 10F (Cons) 82/2021 issued by Under Secretary to Government of Odisha Forest, Environment & Climate Change Department.
3. Letter no 8-280/1989-FC dtd 29.12.2021, Government of India, MoEF&CC, New Delhi,

Sir,

With reference to your letter cited above, please find enclosed herewith the compliance report as sought by MoEF & CC, Government of India, New Delhi vide letter no 8-280/1989-FC dtd 29.12.2021 and subsequent Memo No. 1076/FE&CC, date 15.01.22 FE-DIV-FLD-0142-2021 10F (Cons) 82/2021 issued by Under Secretary to Government of Odisha Forest, Environment & Climate Change Department.

This is for your needful action and onward transmission to higher authorities.

Thanking You.

Yours faithfully,

General Manager,
Lakhanpur Area

Encl- One Set of Compliance report.

Copy to:

1. Principal Chief Conservator of Forest, Forest Diversion & Nodal Officer, FC Act, Bhubaneswar.
2. Regional Chief Conservator of Forests, Sambalpur Circle, Sambalpur

- i. There seem to be ambiguity in the total project area and mining lease area as indicated in the tabular and textual detail of the State Government's forwarding letter. Therefore, to have better comprehension, an area change matrix, indicating the exact total approved lease/project area in the past area being proposed for integrated project may be provided by the State including the breakup of forest land.

COMPLIANCE : In the existing Projects of Lakhanpur, Belpahar, Lilari, out of total Project Area of 4133.333ha, 343.631ha is beyond the Mining Lease Area. In the proposed Lakhanpur-Belpahar-Lilari 40 MTY Integrated Project additional 609.544 ha area has been added. Therefore proposed Mining Lease Area of 40MTY Integrated Project comes to 4399.246ha(4133.333-343.631 +609.544) and total Project Area is 4742.877ha(4133.333+609.544)

TOTAL APPROVED PROJECT AREA OF EIXISTING PROJECT

Name of the Mine	Govt Forest (Ha.)	Govt (Non-Forest) (Ha.)	Tenancy Land (Ha.)	Total (Ha.)
Belpahar OCP	277.874	672.153	494.026	1444.053
Lakhanpur OCP	438.671	947.106	1099.223	2485.00
Lilari OCP	162.200	16.720	25.360	204.28
Total	878.745	1635.979	1618.609	4133.333

BREAKUP OF APPROVED PROJECT AREA OF EXISTING PROJECT

urpose	Govt. (Forest)	Govt. (Non-Forest)	Tenancy	Total
Excavation Area	350.780	826.154	863.968	2040.902
Safety Zone 7.5m	5.746	8.686	4.815	19.247
OB Dump	3.375	48.310	47.045	98.730
Infrastructure	57.030	183.353	156.320	396.703
300/500m blasting zone & Others	424.121	336.593	114.341	875.055
Outside Blasting Zone, earlier Inside Mining Lease	37.693	68.070	422.971	528.734
Residential Colony/ Rehabilitation site		164.813	9.149	173.962
Approved Project Area	878.745	1635.979	1618.609	4133.333

BREAKUP OF THE PROPOSED AREA FOR INTGRATED PROJECT(40MTY)

Purpose	Forest Land			Non Forest Land (Ha)		Total (Ha.)
	Revenue Forest	Reserve Forest	Total	Govt. Non-Forest Land	Tenancy Land	
Mining	657.254	122.400	779.654	1336.475	1449.355	3565.484
7.5 mtr. SZ	7.786	0.340	8.126	9.107	6.862	24.095
OB Dump				15.230	7.420	22.650
Top soil storage	4.937		4.937	0.774	40.078	45.789
Temporary reject				138.797	41.731	180.528
Road	12.750		12.750	26.949	25.132	64.831
Rail	78.295		78.295	49.664	21.534	149.493
Drain / Nallah				19.798	7.600	27.398
Coal stock				10.785		10.785

General Manager
एन.सी.एल, लखनपुर क्षेत्र
NCL, Lakhanpur Area

CHP / WB				20.198	18.891	39.089
W/S building				76.744	84.265	161.009
Offices	6.660		6.660	12.359	11.452	30.471
Area to be developed & maintained as green belt	68.273	0.000	68.273	6.769	2.582	77.624
Total Mining Lease Area	835.955	122.740	958.695	1723.649	1716.902	4399.246
Land outside Mining Lease	37.693	0.000	37.693	227.752	78.186	343.631
Total Project Area	873.648	122.740	996.388	1951.401	1795.088	4742.877

- ii. Existing land use of 541.622 ha, diverted in the past, may be indicated by the State. In case the area has already been decoaled, status of its reclamation and handing over back to the Forest Department may be intimated by the State.

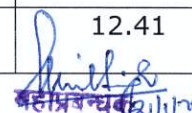
COMPLIANCE : In the present proposal, all the three mines have been proposed to be integrated into one mine and planned up to the lower most workable coal seam. In the existing Lakhanpur OCP & Lilari OCP only uppermost Lajkura Seam is excavated leaving Rampur and Ib seam in the lower. Therefore the above two projects has not been totally decoaled and now planned to be decoaled totally by working in the lower seams in the proposed integrated project. Belpahar OCP is being decoaled totally by working only available lower coal seams, but backfilling is going on over existing OB dump by increasing the dump height as per approved Mining Plan. Therefore after final decoaling, backfilling and biological reclamation will be carried out as per approved Mining Plan of 40MTY Integrated OCP and then process to handover the reclaimed area will be started.

EXISTING LAND USE OF 541.622 HA, DIVERTED IN THE PAST

Name of the Project	Mining in Ha.	7.5m Safety Zone in Ha.	Infrastructure in Ha.	Safety Zone area retained for future expansion in Ha.	Total in Ha.
Lakhanpur OCP	191.041	0.965	6.079 ha.	35.345 ha.	233.430
Belpahar OCP	74.120	2.800	46.300	-	123.220
Lilari OCP	33.560	-	4.400	124.240	162.200
Sub-Total	298.721	3.765	56.779	159.585	518.850
M/s OPGC	-	-	22.772	-	22.772
	298.721	3.765	79.551	159.585	541.622

STATUS OF RECLAMATION AT THE END OF DECEMBER-2021

	Lakhanpur OCP	Belpahar OCP	Lilari OCP	Total
Area Excavated	171.18	51.25	32.54	254.97
Area Decoaled	164.78	45.49	16.79	227.06
Backfilled Area	127.22	3.10	15.32	145.64
Backfilled area Biologically reclaimed	12.41	2.24	6.35	21.00


General Manager
 एम.सी.एल, लखनपुर क्षेत्र
 MCL, Lakhanpur Area


- iii. Status of compliance of conditions stipulated in the approval granted in the past over an area of 541.622 ha may be intimated by the State.

COMPLIANCE : Compliance of conditions stipulated in the approval granted in the past in respect of Lakhanpur Opencast Project, Belpahar Opencast Project and Lilari opencast project is enclosed in Annexure-A(page 1-12), Annexure-B(Page 13-21), Annexure-C(Page 22-29).

- iv. Proposal also involves re- diversion of 171.774 ha from the already diverted area of 541.622 ha where 26,265 trees will be felled. The State Government may therefore intimate the status of payment of NPV in respect of 171.774 ha of forest land proposed for re- diversion by the user agency.

COMPLIANCE : The proposal involves re-diversion of 171.774 ha is from diverted forest area of safety Zone and infrastructure of Lakhanpur Opencast Project(43.389 ha), Belpahar Opencast Project(0.745 ha) and Lilari Opencast project(128.64 ha) for which NPV has already been deposited.

Lakhanpur Opencast Project	43.389 ha	43.389 ha proposed for Re-Diversion is from safety zone & infrastructure which forms a part of diverted forest area of 233.43 ha of Lakhanpur OCP (Mining 191.041 ha + 6.079 ha + Safety Zone 7.5 m 0.965 ha + balance 500m Safety zone 35.345 ha.). Total amount deposited Rs.25,52,72,784/- vide DD no. 868538 dt. 7.8.2010 towards NPV for both Lakhanpur OCP & Belpahar OCP out of which Rs. 14,61,27,180/- towards NPV for 233.43 ha in respect of Lakhanpur OCP. Further, Payment of Rs. 1,49,38,573/- of differential NPV over 84.399 ha. during Re-Diversion (Change of land use pattern) for mining from safety zone & infrastructure has been deposited through RTGS mode EFT No. S175, dt. 29.08.2011, in Odisha CAMPA account and differential amount of Rs 50/- deposited on dt.3.9.2018 in CAMPA Ac. No. 344902010105428 UBINO534498 Union bank of India Sundarnagar Branch, New Delhi Branch vide Transaction no. AA/118736 dt. 3.09.2018 over earlier payment of Rs.1,49, 38,573/- enclosed in Annexure D(Page 30-32) & Annexure E(Page 33-37).
Belpahar Opencast Project	0.745 ha	0.745 ha proposed for Re-Diversion is from safety zone 7.5 which forms a part of diverted forest land 19.70 ha (Mining 16.90 ha + Safety zone 7.5m 2.80 ha) out of assigned safety zone area 174.354 ha. Total amount deposited Rs.25,52,72,784/- vide DD no. 868538 dt. 7.8.2010 towards NPV for both Lakhanpur OCP & Belpahar OCP out of which Rs. 10,91,45,604/- towards NPV for 174.354 ha in respect of Belpahar OCP enclosed in Annexure D(Page 30-32).
Lilari Opencast Project	128.640 ha	128.640 ha proposed for Re-Diversion is the part of diverted forest land of 162.20 ha (Mining 33.560 ha + safety Zone 500m 124.24 ha +


General Manager
एम.सी.एल, लखनपुर क्षेत्र
MCL, Lakhanpur Area 3

		infrastructure 4.40 ha) in respect of Lilari OCP. Payment of NPV of Rs. 1,16,84,000/- has been deposited vide DD no. 092588 dt. 18.6.2005 over 12.70 ha Re-Diversion Change of Land use pattern out of diverted forest 162.20 ha and Rs. 9,35,87,000.00 has been deposited for balance 149.50 ha. diverted forest (162.20 ha -12.70 ha.) through RTGS vide EFT no S145 dt. 9.8.2011 at SBI, Bandhabahal in CAMPA Ac.No 344901010070194 Union Bank of India Sundarnagar Branch, New Delhi enclosed in Annexure F(page 38-44).
Total	171.774	

- v. An area of 22.323 ha of safety zone has been earmarked out of 417.073 ha proposed for diversion. Status of entire safety zone maintained in respect of 541.622 ha and its present status and afforestation, if any raised in lieu of 1.50 times the area of safety zone needs to be intimated by the State.


COMPLIANCE :

BREAKUP OF DIVERTED FOREST LAND 541.622 HA AND SAFETY ZONE AREA

Name of the Project	Mining Ha.	Infrastructure Ha.	7.5m SZ Ha.	SZ area retained for future expansion Ha.	Total Ha.
Lakhanpur OCP	191.041	6.079 ha.	0.965	35.345 ha.	233.430
Belpahar OCP	74.120	46.300	2.800	-	123.220
Lilari OCP	33.560	4.400	-	124.240	162.200
Sub-Total	298.721	56.779	3.765	159.585	518.850
M/s OPGC	-	22.772	-	-	22.772
	298.721	79.551	3.765	159.585	541.622

STATUS OF MAINTAINANCE OF SAFETY ZONE

Name of the Project	Safety Zone	
Lakhanpur OCP	Safety Zone area retained for future expansion (35.345 ha)	17325 nos of plants have been planted over safety zone area and thick lush green belt has been developed which is being maintained as green cover over.
	7.5m Safety Zone (0.965 ha)	An amount of Rs. 65,40,000/- towards approved cost of the scheme for fencing, protection and afforestation of the safety zone area (7.5m strip all along the outer boundary of the area identified to undertake mining) deposited in Odisha State adhoc CAMPA Ac. No 344901010070194 of Union Bank of India, Sunder Nagar Branch, New Delhi- 110003 on dt.17.05.2011 through RTGS mode enclosed in Annexure-G (Page 45-47)


 महप्रबन्धक
 General Manager
 एन.सी.एल, लखनपुर क्षेत्र
 NCL, Lakhanpur Area

Bepahar OCP	7.5m Safety Zone (2.800 ha)	An amount of Rs. 1,53,08,083/- towards the approved cost of the scheme for fencing, protection and afforestation of the safety zone area (7.5m strip all along the outer boundary of the area identified to undertake mining in Odisha State adhoc CAMPA Ac. No 344902010105428 of Union Bank of India, Sundarnagar Branch, New Delhi- 110003 on 30.12.2013 through RTGS mode.
Lilari OCP	Safety Zone area retained for future expansion (124.24 ha)	The total boundary of Safety zone has been provided with stone wall fencing at the project cost. Gap plantation has been carried out over blank spaces i.e. 70.10 Ha with 178939 nos of plants enclosed in Annexure-H(Page 48-49)

- vi. Cost benefit ratio of 1:103 estimated for the project seems to be exorbitantly high. Examination of the same revealed that attributes of cost and benefits estimate revealed that cost parameters have been estimated for area of 417 ha only while estimation of some of benefits parameters has been accounted for the entire project area which seems to be not an ideal situation of comparing benefits and cost to estimate the CB ratio. Estimation of various parameters may accordingly be revised by the State.

COMPLIANCE : Revised Cost Benefit analysis is enclosed in Annexure-I(Page 50-52)

- vii. As the proposed mine involves considerable high capacity of 40 MTPA which may increase the pollution as well as biotic pressure on the surrounding resources, therefore, evacuation plan of coal from the mine head to CHP and further transportation from the CHP to end users may be intimated by the State.

COMPLIANCE : Evacuation plan of coal from mine head to SILO and further transportation from the SILO to end users as per Approved Mining Plan enclosed in the DP as ANNEXURE-18 (page 375-384) is again enclosed.


महाप्रबन्धक
General Manager
एम.सी.एल, लखनपुर क्षेत्र
MCL, Lakhanpur Area