



ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳ ବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର  
ଶ୍ରେଣୀ ବନାଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡ଼ା ବନଖଣ୍ଡ ।

ଇମେଲ.- [df.jharsuguda@odisha.gov.in](mailto:df.jharsuguda@odisha.gov.in), ଦୂର ଭାଷ/ ଫ୍ୟା. ନଂ-୦୭୭୪୫-୨୯୫୦୪୦ ।

No. ୫୪୭ /4F (Misc.),  
Dated Jharsuguda the ୨୪<sup>th</sup> January, 2022.

To,

The Regional Chief Conservator of Forests,  
Sambalpur.

Sub: - Proposal for non-forestry use of 417.0073 ha. & Re-diversion (Change of Land use) of 171.774 ha. forest land in favour of M/s. Mahanadi Coalfields Limited for Integrated Lakhanpur-Belpahar-Lilari Opencast Coal Mining Project in district Jharsuguda (Odisha)-reg.

Ref:- (i) Letter No.8-280/1989-FC dt.29.12.2021 of the Govt. of India, MoEF & CC, Govt. of India, New Delhi.  
(ii) Letter No.1078/FE&CC dt.15.01.2022 of the Under Secy. to Govt., FE & CC Department, Govt. of Odisha.  
(iii) Memo No.1068/9F(MG)-372/2021 dt.18.01.2022 of the CF(Nodal), O/o the PCCF&HoFF, Odisha, Bhubaneswar.  
(iv) Your Memo No.112/3F(M)/2021 dt.20.01.2022.  
(v) Letter No.MCL/GM/LKPA/ASO/FOREST/2022/504 dt.21.01.2022 of the GM, Lakhanpur Area, Bandhabahal.

In inviting a kind reference to the letters cited above on the captioned subject, this is to inform you that the User Agency i.e. General Manager, MCL, Lakhanpur Area has submitted the point wise compliance report on the observation raised by the MoEF & CC, Govt. of India, New Delhi. Hence, the point wise compliance report duly complied by the User Agency is furnished below:

- (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,***

In compliance to above, the existing Projects of Lakhanpur, Belpahar, Lilari, out of total Project Area of 4133.333 ha, 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)

<b>Total approved project area of existing project</b>				
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
<b>Total</b>	<b>878.745</b>	<b>1635.979</b>	<b>1618.609</b>	<b>4133.333</b>

<b>Breakup approved project area of existing project</b>				
Purpose	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
<b>Approved Project Area</b>	<b>878.745</b>	<b>1635.979</b>	<b>1618.609</b>	<b>4133.333</b>

<b>Breakup of the proposed area for integrated project(40MTY)</b>						
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
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
<b>Total Mining Lease Area</b>	<b>835.955</b>	<b>122.740</b>	<b>958.695</b>	<b>1723.649</b>	<b>1716.902</b>	<b>4399.246</b>
Land outside Mining Lease	37.693	0.000	37.693	227.752	78.186	343.631
<b>Total Project Area</b>	<b>873.648</b>	<b>122.740</b>	<b>996.388</b>	<b>1951.401</b>	<b>1795.088</b>	<b>4742.877</b>

- (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.*

In compliance to above, 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.

<b>Existing Land use of 541.622 ha, diverted in the past.</b>					
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

<b>Status of Reclamation at the end of December-2021.</b>				
	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

- (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.*

In compliance to above, 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.***

In compliance to above, 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	42.389 ha	42.389 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 <b>D</b> (Page <b>30-32</b> ) & Annexure <b>E</b> (Page <b>33-37</b> ).
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 <b>D</b> (Page <b>30-32</b> ).
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 + 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.*

In compliance to above, breakup of diverted forest land 541.622 ha. and safety zone area is furnished below:

<b>Status of diverted forest land 541.622 ha.</b>					
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

<b>Status of maintenance of safety zone.</b>		
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 (Forest land- 0.965 ha + Nonforest land-5.935 ha) = Total 6.90 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 by the user agency 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) and 6.90 ha. plantation has been raised with an expenditure of Rs.180600/- during the year 2015-16 by this Division.
Bepahar OCP	7.5m Safety Zone (Forest land - 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

	(Forest land - 2.800 ha. + Non-Forest Land-5.48 ha.)=8.28 ha)	safety zone area ( 7.5m strip all along the outer boundary of the area identified to undertake mining) deposited by the User Agency in the Odisha State Adhoc CAMPA Ac. No 344902010105428 of Union Bank of India, Sundarnagar Branch, New Delhi- 110003 on 30.12.2013 through RTGS mode and 8.28 ha. plantation has been raised with an expenditure of Rs.216720/- during the year 2016-17 by this Division.
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.*

In compliance to above, the 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.*


In compliance to above, the 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.


This is for favour of your kind information & necessary action.

Encl: Compliance report (5 copies)

Memo No. 488 /Dated. 28 -01-2022.

Copy forwarded to the Principal Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act.) O/o the PCCF & HoFF, Odisha, BBSR for favour of kind information and necessary action.

  
Divisional Forest Officer,  
Jharsuguda Forest Division.

  
Divisional Forest Officer,  
Jharsuguda Forest Division.