

***Proposal for diversion of 455.1108 ha forest land for Pachwara
South Coal Block in Dumka Submitted by NUPPL.***

Part-III

(To be filled up by the concerned Conservator of Forests)

14. Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/NO). If yes, the date of inspection & observations made in form of inspection note to be enclosed.

**Yes, Date of Inspection-09.05.2022. Inspection report is attached as
Annexure-A**

15. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.

Yes, Agree.

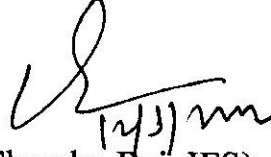
16. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Recommended Specific Recommendation is attached as Annexure-B.

G. C. Rai I.F.S.
Conservator of Forests
Seal

Place: Dumka.

Date -14/5/22


(Satish Chandra Rai, IFS)
Conservator of Forests,
Territorial Circle, Dumka.

Amey A

Site Inspection Report for the FCA proposal bearing acknowledgment

No: FP/JH/MIN/59823/2020

Date of Inspection: 09/05/2022

Proposed Area of Forest Diversion (in Ha): 455.1108

The proposal has been recommended and forwarded to the Conservator of Forests, Dumka Territorial Circle by Divisional Forest Officer (DFO) Dumka along with conditions. The said proposal has been submitted to DFO Dumka by the General Manager/Project Head Pachwara South Coal Mine Project, Neyveli Uttar Pradesh Power Limited, Dumka for the diversion of 455.1108 Ha of Forest land for the Open Cast mining. The site inspection has been done by the undersigned on 09.05.2022 in presence of Sri Aviroop Sinha I.F.S., DFO Dumka, Sri Satwik, I.F.S, Attached Officer, Sri Surjit Das GM, Pachwara South Coal Mines and other officials of Forest Department and Pachwara South Coal Mines.

Area Statement-

As informed by DFO Dumka the land required by the User Agency is 455.1108 hectares of Forest land notified under Section 4 of Indian Forest Act 1927 (which includes 324.045 hectare forest under administrative control of Forest Department and 96.4134 ha Jungle Jhari & 36.6524 hectare waste land under administrative control of Revenue Department) spread in 03 villages Chirudih, Kundapahari & Mahuldabar. NOC of 131.0658 Hectare forest land under administrative control of Revenue department is required for which undertaking has been submitted by the User Agency.

Vegetation-

During the field visit of the proposed mining site, it was observed that some of the trees near the village and agricultural land were not marked. DFO Dumka and representative of User agency told that due to extreme opposition from villagers and deteriorating law and order situation in Chirudih, Kundapahari & Mahuldabar, it was not possible to mark the trees, however it has been taken in enumeration and total counting has been done. As per Total count of trees, number stands as 91464. The area is very rich in terms of biodiversity both floral and faunal.

The proposed area has dense Tropical Dry Deciduous Forest vegetation with an average canopy density of 0.7 with Site Quality III with regeneration as well good coppicing. Some of the important tree species recorded were Sal, Asan, Arjun, Karam, Kadam, Karanj, Chironji, Jamun, Mahua, Neem, Shisam, Khajoor, Mango, Kusum, Awla, Bhera, etc.

Wildlife Movement-

As per the records available of the said area & as per the discussion with local people during the site inspection, it was found that there have been visits of elephants and there have been human-animal conflicts in past years. The area is located near the Tri- Junction of three Forest Divisions Viz- Dumka, Pakur and Godda.

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If area is visualized in landscape, mining activities shall make entire area vulnerable for human- Animal conflict and elephant movement.

As per working Plan of Dumka Forest Division and as per the information received from local people, lease area and buffer area have presence of other wildlife like Indian bear, wild boar, Peacock, Sambhar, Common deer, Hyena, Cobra, Python, Krait, Russell's Viper etc.

Location of Project -

In terms of location of the proposed site it was observed that the proposed site is located on the right bank of Bansloi river. On the left bank of Bansloi River two other Mining Lease Viz. Pachwara Central coal block and Pachwara North coal block are located. One more coal Block Urma Paharitola Coal Block is expected to come. Thus all 4 coal blocks have adjacent block boundaries.

Catchment Area-

The proposed site is a part of the catchment area of Bansloi river (a tributary of river Ganga).

Impact of Mining on Flora and Fauna-

In recent past these tracts have undergone degradation and diminution in diversity and ecological health due to human impacts including the mining operations and related developments in adjacent two mining leases viz- Pachwara North and Pachwara central Coal Blocks.

Any diversion for projects like coal mining shall lead to further fragmentation of habitat of wildlife. This area is also a part of the catchment of Bansloi River (Including private raiyati land). This site will have adverse impact on the general ecosystem of the area, water regime and soil conditions and micro-climate and the precipitation.

In case, the proposed area is considered for diversion -

There should be utmost precautionary and anticipatory approach with adequate safeguarding, mitigation and compensating measures, so that minimum damage to continuity of forest patches occur. A very comprehensive and strict Biodiversity Conservation Plan shall be required to reduce the severe impact of proposed coal mines. The methodology and process of coal mining at particular site needs to be planned and executed over the entire lease area such that the operations are phased and sequenced to optimize the active working area in a manner that minimize the impacts at a time and *facilitate progressive reclamation and eco-restoration* of the areas taken up in the different phases so that at the end of the mining life, substantial part has already been rehabilitated into the *best feasible end state*. The Mining Plan will have to conform to Biodiversity Conservation Plan.



Adequate Fund should be made available for implementation of Bio-Diversity Conservation Plan for creating large scale addition/connection of wildlife habitats in buffer areas so that disturbance in movement of Elephant and other Wildlife may be reduced.

For extraction, evacuation, handling and transportation of coal, such technologies and process have to be adopted which cause least adverse impacts on environment & eco-system.

The watershed and catchment of river Bansloi in 10 Km radius or more of Project Area should be undertaken for appropriate treatment to compensate for the loss of catchment due to mining in the lease site. It should be in addition to Bio-Diversity Conservation plan.

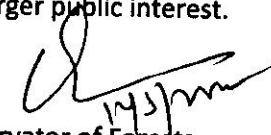
Advance planning and preparatory activity for eco-restoration with native vegetation should be undertaken. The project proponent should enter into a long-term arrangement with ICFRE's institute at Ranchi (Institute of Forest Productivity) or other such competent organization for techno-scientific services to achieve the best feasible reclaimed area ensuring diversity of native species.

Surveillance and Monitoring system against illicit activities including prevention and control of forest fires for the forest hinterlands of the project area to be planned and executed at project cost with provision of patrolling & infrastructure (Vehicle, Manpower, Watch towers, Check posts etc.).

It has been found that many Mining Operations started without implementation of Wildlife Conservation Plan/Bio-Diversity Conservation Plan/ Soil Moisture Conservation Plan just on the basis of giving undertaking which has adversely impacted the project area. Considering the past records, Commencement of Implementation of Biodiversity Plan/ Wildlife Conservation plan/ Watershed Projects or any such conservation Plan should be done prior to start of any Tree felling / land breaking in project area or at least it must be simultaneous.

User Agency has not violated the provisions of the Forest Conservation Act, 1980 and no work has been started at the site.

With above conditions, the proposed project is recommended in the larger public interest.


Conservator of Forests
Dumka Territorial circle, Dumka.
Conservator of Forests
Territorial Circle, Dumka

Annexure B

Pachwara South Coal Block of m/s Neyveli Uttar Pradesh Power Ltd. (NUPPL) - 455.1108 Ha.

Proposal No: FP/JH/MIN/59823/2020

Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons-

The proposed Pachwara South Coal Block Mining Project is situated at the North Eastern boundary of Dumka Forest Division, where Pakur forest division is located at the boundary. The landscape is one of the most important landscapes of the Santhal Pargana region in the state of Jharkhand in terms of connectivity of habitats as well as richness of biodiversity. The said Mines is located at such a location where forest patches are connecting Pakur and Dumka Forest Division. It has been a path for wildlife movement including Elephant from Dumka to Pakur and Godda. The landscape is significant in terms of hydrological functions since Bansloi river is called lifeline. Proposed mining site is located just on the right bank of Bansloi River. On the left bank of Bansloi River, two other coal blocks viz- Pachwara North and Pachwara Central are operation.

Thus, the said proposal may be considered for recommendation only if adequate measures are taken to reduce the ill effects of mining over wildlife and forest. Some of the conditions which should be rider for the recommendations are as below-

- There should be utmost precautionary and anticipatory approach with adequate safeguarding, mitigation and compensating measures, so that minimum damage to continuity of forest patches occurs. Execution of a very comprehensive and strict Biodiversity Conservation Plan as well as will Catchment Area treatment Plan shall be required to reduce the severe impact of proposed coal mines in that area. The methodology and process of coal mining at particular site needs to be planned and executed over the entire lease area such that the operations are phased and sequenced to optimize the active working area in a manner that minimize the impacts at a time and *facilitate progressive reclamation and eco-restoration* of the areas taken up in the different phases so that at the end of the mining life, substantial part has already been rehabilitated into the *best feasible end state*. The Mine Plan will have to conform Biodiversity Conservation Plan. Adequate fund should be made available for implementation of Bio-Diversity Conservation Plan.



- The watershed and catchment of river Bansloi in 10 Km radius or more of Project Area should be undertaken for appropriate treatment to compensate for the loss of catchment due to mining in the lease site. It should be in addition to Bio-Diversity Conservation plan.
- Advance planning and preparatory activity for eco-restoration with native vegetation should be undertaken. The project proponent should enter into a long-term arrangement with ICFRE's institute at Ranchi (Institute of Forest Productivity) or other such competent organization for techno-scientific services to achieve the best feasible reclaimed area ensuring diversity of native species.
- Surveillance and Monitoring system against illicit activities including prevention and control of forest fires for the forest hinterlands of the project area to be planned and executed at project cost with provision of patrolling & infrastructure (Vehicle, Manpower, Watch towers, Check posts etc.)
- It has been found that many Mining Operations started without implementation of Wildlife Conservation Plan/Bio-Diversity Conservation Plan/ Soil Moisture Conservation Plan just on the basis of giving undertaking which has adversely impacted the project area. Considering the past records, Commencement of Implementation of Biodiversity Plan/ Wildlife Conservation plan, Watershed Projects or any such conservation Plan should be done prior to start of any Tree felling / land breaking in project area or at least it must be simultaneous.

With above conditions, the proposed project is recommended in the larger public interest.



Conservator of Forests

Dumka Territorial circle, Dumka.

20/05/2014
20/05/2014
20/05/2014



कार्यालय : वन संरक्षक, प्रादेशिक अंचल, दुमका।

संयुक्त वन भवन, खूंटाबांध, दुमका-814101

Mob: -9006773165

Email -cf-dumka@gov.in

पत्रांक-

476

दिनांक- 13/05/2022

सेवा में,

प्रधान मुख्य वन संरक्षक
-सह-कार्यकारी निदेशक,
बंजर भूमि विकास बोर्ड,
झारखण्ड, राँची।

विषय :- पचवाड़ा साउथ कोल ब्लॉक परियोजना हेतु 455.1108 हे० वनभूमि के अपयोजन प्रस्ताव के संबंध में।

प्रसंग :- वन प्रमंडल पदाधिकारी, दुमका वन प्रमंडल का पत्रांक-989 दिनांक-20.04.2022 एवं पत्रांक-1146 दिनांक-12.05.2022

महाराय,

उपरोक्त विषयक प्रासंगिक पत्र (छायाप्रति संलग्न) से वन प्रमंडल पदाधिकारी, दुमका द्वारा पचवाड़ा साउथ कोल ब्लॉक परियोजना हेतु कुल-455.1108 हे० वनभूमि के अपयोजन का प्रस्ताव समर्पित किया गया है। प्रस्तावित वनभूमि अपयोजन प्रस्ताव के संबंध में वन प्रमंडल पदाधिकारी, दुमका द्वारा समर्पित प्रस्ताव के आधार पर वस्तुस्थिति निम्नवत् है :-

- (i) विषयगत परियोजना का Proposal No.-FP/JH/MIN/59823/2020 है।
- (ii) प्रयोक्ता अभिकरण द्वारा 398.3243 हे० वनभूमि के अपयोजन का प्रस्ताव प्रधान मुख्य वन संरक्षक-सह-कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, राँची के कार्यालय में समर्पित किया था। इस परियोजना की कुल रकवा-714.8553 हे० है।
- (iii) वन प्रमंडल पदाधिकारी, दुमका को Online प्रस्ताव दिनांक-19.05.2022 को प्राप्त हुआ। प्रस्ताव प्राप्त होने पर जाँच के क्रम में पाया गया कि प्रस्तावित क्षेत्र में पड़नेवाले सभी तीन गाँव चीरुडीह, कुन्दापहाड़ी एवं महुलडाबर Damin-I-Koh के अंतर्गत आता है, फलस्वरूप इन गाँवों में पड़नेवाले सभी Forest land & waste land को वनभूमि के श्रेणी में आने के चलते वन प्रमंडल पदाधिकारी, दुमका द्वारा अधिसूचित/सीमांकित वनभूमि तथा Damin-I-Koh area (Notified under Section-4 of IFA) को जोड़ते हुए भवदीय के पत्रांक-283 दिनांक-24.03.2022 के आलोक में संशोधित वनभूमि 455.1108 हे० का अपयोजन प्रस्ताव समर्पित किया गया है। इसमें अधिसूचित एवं सीमांकित वनभूमि का रकवा-324.045 हे० तथा Damin-I-Koh area (Notified under Section-4 of IFA) का रकवा-131.0658 हे० है।
- (iv) MOC के पत्रांक-34011/2/2020-MPS दिनांक-11.11.2020 द्वारा अनुमोदित माईनिंग प्लान प्रस्ताव के साथ समर्पित है।
- (v) MoEF & EC GOI द्वारा Terms of Reference (ToR) दिनांक-05.11.2020 को Granted है।
- (vi) प्रयोक्ता अभिकरण द्वारा लागत लाभ विश्लेषण प्रस्ताव के साथ समर्पित किया गया है।

- (vii) प्रस्तावित वनभूमि का Geo-reference cadastral Plan & KML File प्रस्ताव के साथ समर्पित किया है।
- (viii) अंचलाधिकारी, गोपीकान्दर द्वारा Authenticated Land Schedule प्रस्ताव के साथ समर्पित है।
- (ix) Damin-A-Koh area (Notified under Section-4 of IFA) के अंतर्गत प्रस्तावित भूमि का NOC के संबंध में प्रयोक्ता अभिकरण द्वारा Undertaking समर्पित किया गया है।
- (x) FRA के तहत वांछित प्रमाण-पत्र समर्पित करने के संबंध में प्रयोक्ता अभिकरण द्वारा Undertaking समर्पित किया गया है।
- (xi) NPV & Additional NPV जमा करने के संबंध में प्रयोक्ता अभिकरण द्वारा Undertaking समर्पित किया गया है।
- (xii) CA & Wildlife Management Plan की राशि जमा करने के संबंध में प्रयोक्ता अभिकरण द्वारा Undertaking समर्पित किया गया है।
- (xiii) वृक्षों की गणना सूची-CD में समर्पित है। कुल वृक्षों की संख्या-91464 है, जिसकी विस्तृत विवरणी Online Pat-II में दर्ज की गई है।
- (xiv) क्षतिपूरक वनरोपण हेतु प्रस्तावित वनभूमि 455.1108 हे० के दोगुना degraded Forest land का चयन तीन प्रमंडलों यथा दुमका, देवघर एवं साहेबगंज में किया गया है, जो प्रमंडलवार निम्नवत् है :-

(1) दुमका वन प्रमंडल -	308.04 हे०
(2) देवघर वन प्रमंडल -	487.19 हे०
(3) साहेबगंज वन प्रमंडल -	115.00 हे०

कुल- 910.23 हे०

CA Land से संबंधित विस्तृत विवरणी, Suitability Certificate, Scheme, Map, Toposheet, KML File प्रस्ताव के साथ संलग्न है।

उपरोक्त सूचनाओं के अतिरिक्त अन्य वांछित सूचना/Undertaking/अभिलेख प्रयोक्ता अभिकरण एवं वन प्रमंडल पदाधिकारी के Checklist के अनुसार प्रस्ताव के साथ संलग्न है।

- (xv) वन संरक्षक, प्रादेशिक अंचल, दुमका के द्वारा पचवाड़ा साउथ कोल ब्लॉक परियोजना हेतु प्रस्तावित 455.1108 हे० वनभूमि का स्थलीय निरीक्षण दिनांक-09.05.2022 को किया गया।

अतः पचवाड़ा साउथ कोल ब्लॉक 455.1108 हे० वनभूमि अपयोजना के प्रस्ताव को निम्नवत् विश्लेषण/टिप्पणी के साथ अग्रेत्तर कारेवाई हेतु भेजी जा रही है :-

- (1) पचुवाड़ा साउथ कोल ब्लॉक दुमका वन प्रमंडल एवं पाकुड़ वन प्रमंडल के सीमावर्ती क्षेत्र में है। पचुवाड़ा साउथ कोल ब्लॉक बासलोई नदी के दाहिने साइड है। बाँसलोई नदी के बाँए तरफ दो कोल ब्लॉक पचुवाड़ा नार्थ एवं पचुवाड़ा सेन्ट्रल पहले से कार्यरत है। उक्त क्षेत्र जैव विवक्षता की दृष्टि से काफी महत्वपूर्ण है एवं उक्त क्षेत्र में हाथी सहित अन्य वन्यप्राणी को आने-जाने की सूचना है।

अतः उक्त को देखते हुए एक comprehensive and strict Bio-diversity Conservation Plan की आवश्यकता होगी। जिसका क्रियान्वयन खनन कार्य शुरू होने के समय या उसके पूर्व किया जाना आवश्यक होगा, ताकि वन्य प्राणियों के पर्यावास एवं आवागमन के पथों के विनाश की भरपाई कुछ हद तक की जा सके।

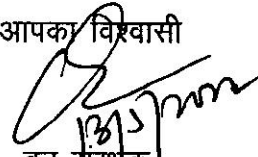
- (2) प्रस्तावित खनन लीज क्षेत्र बॉसलोई नदी के Catchment area का एक महत्वपूर्ण हिस्सा है, जहाँ पर घने वन में मौजूद विभिन्न नाला का पानी बहकर बॉसलोई नदी में आता है।

अतः उक्त क्षेत्र में Integrated Catchment Area Treatment Plan को क्रियान्वित किया जाना अति आवश्यक होगा। उक्त के अतिरिक्त यदि किसी अन्य Conservation Plan की आवश्यकता हो तो उक्त का भी क्रियान्वयन Project cost पर किया जाना होगा।

- (3) भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय से प्राप्त होने वाले पर्यावरणीय स्वीकृति के शर्तों का अक्षरशः अनुपालन प्रयोक्ता अभिकरण को करना होगा।

विषयगत वनभूमि अपयोजन प्रस्ताव पर संचिका में क्षेत्रीय मुख्य वन संरक्षक, संधाल परगना, दुमका से अनुमोदन प्राप्त कर लिया गया है एवं विषयक परियोजना 455.1108 हे० वनभूमि के अपयोजन के प्रस्ताव को भारत सरकार के दिशा-निर्देश के आलोक में Portal पर Upload कर दिया गया है।

वन प्रमण्डल पदाधिकारी, दुमका से प्राप्त प्रस्ताव को निरीक्षण प्रतिवेदन तथा अनुशंसा के साथ पाँच प्रतियों में सभी अनुलग्नकों सहित संलग्न अग्रेत्तर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।
अनु०-यथोक्त।

आपका विश्वासी

वन संरक्षक,
प्रादेशिक अंचल, दुमका।

कार्यालय : वन प्रमंडल पदाधिकारी
दुमका वन प्रमंडल, दुमका।



Court Compound, Block 8, P.O. 110

Pl. No. 56414-216072

पत्रांक- १४७ दिनांक- २०-५-२२

सेवा में

वन संरक्षक,

प्रादेशिक अंचल, दुमका।

पंचवाड़ा साउथ कोल ब्लॉक परियोजना हेतु 455.1108 हे० अधिसूचित वनभूमि
अपयोजन प्रस्ताव भेजने के संबंध में।

प्रस्ताव

उपर्युक्त विषय के संबंध में सूचित करना है कि दुमका वन प्रमंडल, दुमका अन्तर्गत
पंचवाड़ा साउथ कोल ब्लॉक परियोजना हेतु 455.1108 हे० वन भूमि अपयोजन प्रस्ताव हेतु
प्रयोक्ता अभिकरण द्वारा समर्पित Form-A Part-I तथा इस प्रमंडल का Form-A Part-II सभी
अनुलग्नकों सहित 08 (आठ) प्रतियों में पत्र के साथ संलग्न कर आवश्यक अग्रत्तर कार्रवाई हेतु
समर्पित की जा रही है।

अनु०-यथोक्त।

आपका विश्वासी

वन प्रमंडल पदाधिकारी,

दुमका वन प्रमंडल, दुमका।

20/5/22