



भारत सरकार

खान मंत्रालय

भारतीय खान ब्यूरो, क्षेत्रीय खान नियंत्रक कार्यालय, रायपुर

दूसरी मंजील, जीएसआई फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,

पोस्ट-विधान सभा, रायपुर (छ.ग.)-492005, फोन- 0771—2282530/2285590/95

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संख्या: RAP/LST/MPLN-1163/2018-RPR

दिनांक - 3.08.2018

प्रेषित : प्रबंध संचालक

सर्वश्री छत्तीसगढ़ डेवलपमेंट कार्पोरेशन लि.

(छत्तीसगढ़ शासन का एक उपक्रम)

सोनाखान भवन, रिंग रोड नं. -1, ग्राम-पुरेना, पोस्ट-रविग्राम, रायपुर

छत्तीसगढ़ 492 006

विषय: खनिज संरक्षण एवं विकास नियमावली 2017 के नियम 24 के अंतर्गत प्रस्तुत निकट ग्राम – बरीमा, तहसील – सीतापुर, जिला – सरगुजा (छग) में स्थित बॉक्साइट खान, क्षेत्रफल – 4.304 है. की खान बंद करने की अंतिम योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खान बंद करने की अंतिम योजना की जाँच के उपरांत इसमें कमियाँ/त्रुटियाँ पाई गई हैं। संलग्नक में दर्शाई गयी कमियाँ/त्रुटियों को सुधारते हुए खान बंद करने की अंतिम योजना की (3) तीन स्वच्छ बाउण्ड प्रतियाँ एवं 2 सॉफ्ट कॉपी (CD) इस पत्र के जारी होने की तिथि से (15) दिनों की अवधि में इस कार्यालय में प्रस्तुत करें तथा यह भी सुनिश्चित करें कि तीन स्वच्छ प्रतियों के प्रत्येक पृष्ठ पर अर्हित व्यक्ति द्वारा हस्ताक्षर कर दिये गये हैं। तथा बिन्दुवार कमियाँ सुधार का विवरण भी प्रस्तुत करें।

आपको यह भी सलाह दी जाती है कि आप खान बंद करने की अंतिम योजना की तीन स्वच्छ बाउण्ड प्रतियाँ पूर्ण सावधानी से तैयार करें अन्यथा पुनः कमियाँ/त्रुटियाँ पाए जाने की अवस्था में यह आपको संशोधनार्थ न लौटाते हुए इस पर अंतिम कार्रवाई कर दी जायेगी।

आप कृपया खान बंद करने की अंतिम योजना के साथ प्रस्तुत की जाने वाली वित्तीय आश्वासन एम सी डी आर 2017 के अनुसार क्षेत्रीय खान नियंत्रक, भारतीय खान ब्यूरो, रायपुर के पक्ष में प्रस्तुत करें। वित्तीय आश्वासन के अभाव में खान बंद करने की अंतिम योजना अपूर्ण मानते हुए अंतिम कार्रवाई कर दी जाएगी।

भवदीय

संलग्न: यथोपरि।

03/08/2018

X DSC
BLGURJAR
RCOM

(बी.एल.गुर्जर)

क्षेत्रीय खान नियंत्रक

भारतीय खान ब्यूरो

प्रतिलिपि:

1. खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर। (ई मेल द्वारा)
2. श्री उपेन्द्र कुमार पाण्डे, क्षेत्रीय अधिकारी एवं अर्हित व्यक्ति, सीएमडीसी लि., एचआइजी-3, हाउसिंग बोर्ड कोलोनी, नमनाकलां, अम्बिकापुर, जिला-सरगुजा, - 497 001 (छग)।

क्षेत्रीय खान नियंत्रक

भारतीय खान ब्यूरो

Inspection Report cum Scrutiny comments on the Final Mine Closure Plan for Barima Bauxite Mine over an extent of 4.304 Hectors in Barima Village, Sitapur, Tehsil, Surguja District of M/S CMDC Ltd.

1. The Final Mine Closure is submitted by mentioning that the mineral is exhausted therefore the base to say that mineral is exhausted to be furnished with exploration detail in entire lease area.
2. **Review of Earlier approved Proposal:** The last approved document is for the period 2008-09 to 2012-13 but review is given from 2009-10. The same should be corrected and review should be given from 2008-09. The achieved production furnished in FMCP is not matching with the reported production. The same should be reviewed and accordingly correction to be done.
3. In the reviewed Para the bench height achieved is given 1.5 meter but actually the bench height is 3-4 meter observed. The correction to be done accordingly.
4. In the review Para the back filling area is reported 4180 m² is not correct, the area to be surveyed and accordingly correction to be done.
5. Two violation letters were issued by IBM dated 26.04.2018 & 15.05.2018, the compliance status to be mentioned and copy of both the violation letters to be enclosed.
6. Geology and Reserves: In last approved document the reserve established in 111 category is 316465 MT and resource in 221/222 is 30006 MT and thereafter the production reported is 69,916 MT. How the updated Mineral resources is reduced to only 8658 tonnes. This needs clarification.
7. The area which is virgin and still untouched from mining is considered as non mineralised to be justified with exploration details.
8. The form-K of drilled bore hole should be enclosed to prove non mineralised area .
9. The lithology of working pit to be furnished for considering that the area is mineralised/non-mineralised.
10. The analysis of exploration data enclosed clearly shows that the Al₂O₃% is above the threshold limit than how it can be considered as waste or non-usable. The excavated and non excavated area shall be clearly marked on surface geological plan and accordingly mine closure proposal shall be given.
11. **Mining:** As per the analysis report enclosed it is evident that bauxite ore is still exist in the lease area but still no proposal is given to excavate the ore. It may be clarified.
12. **Air Quality Management:** The Location of monitoring stations in core and buffer zone to be given and same should be reflected in respective plates.
13. **Closure Cost:** Cost to be estimated based on the activities required for implementing the protective and rehabilitation measures. Maintenance and protective works as envisaged during post closure period shall also be mentioned along with annual cost estimates towards maintenance of afforestation, fencing working pit, watch & ward etc. The proposal for converting the excavation pit into water reservoir also to be mentioned.
14. The details of time schedule of all closure operations should be discussed as per proposal (FMCP guideline. The manpower and other resources required for completion of proposed job may be described.
15. Para 11.5 The information given is not correct. Financial assurance needs to be submitted along with final copy.
16. **Plat no.1 (key plan):** The details of the deficiencies found on the plate are as follows

- (i) The road to be marked with different colour line differentiating whether it is village, public road, highway, etc and also it should be marked properly in index.
- (ii) Contours should be clearly visible at not more than 20 meter intervals and should be indexed.
- (iii) Co-ordinates of extremities of lease area are not shown in the plan.
- (iv) The forest area, govt. land, agriculture land, etc should be marked in the plate and also in index.
- (v) The plate to be indexed properly, different colour code should be used for showing different features.
- (vi) Approach road for ML area is not shown.
- (vii) Population of the villages falling within 5 km radius to be furnished in tabular form.

The plate should be revised.

17. **Surface Plan:** During the mine visit it was observed that the information furnished in the given plate is not matching with existing ground position. The maximum area is shown as reclaimed and rehabilitated area but in ground only small portion is reclaimed and maximum area is having working pit of 3-5 meter bench height and part area near BP-1 is virgin ground. The area to be surveyed and accordingly the plate should be revised with mentioning the RL of pit bottom and top. (Plate 5)
18. **Geological Plan:** In the given plan the entire area is marked as G2 area, the base for such conclusion of exploration to be shown in the plate with the bottom explored RL. The section to be revised accordingly. ii) The lithology of the material exposed in lease area to be shown.
19. **Final Closure Plan:** In the given Plate the existing plantation location shown is not correct and some plantation shown existing mine pit. The existing pit area is not shown in the plan. The correction to be done accordingly.
20. Photo Id proof of nominated owner enclosed is not clearly visible.
21. During the field visit no proper boundary pillar observed but the co-ordinates of boundary pillar given. It should be mentioned that whether it is DGPS or GPS co-ordinate and the same is authenticated by state Govt. (DGM).
22. All the plates should be indexed properly as the features shown in the plan with the same colour code for clarity and signed with date. In development plant some area is shown as plantation but the same is not indexed.
23. The photograph of lease boundary pillars should be enclosed.
