



NMDC-CMDC LIMITED

(A Subsidiary of NMDC Ltd.)

Regd Off : Greens Valley City, Housing Board Colony, Boriyakala,
Sejbahar, Raipur 492015 (C.G.) Tel: 0771-2971919, Fax : 0771-2971920

CIN : U13100CT2008GOI020711

E-mail : ceonmdecmdc@gmail.com

No. NCL/HO/Dep-4/WR/2021/960

Date: 08/12/2021

To,

The Secretary,
Water Resource Deptt,
Govt. of Chhattisgarh,
Mahanadi Bhavan, Nava Raipur,
Chhattisgarh

Sub: Application for water allotment for the project "Bailadila Iron Ore project Deposit-04, Bacheli, South Bastar Dantewada (C.G.)"

Sir,

Our company (NMDC-CMDC Limited) is setting up a pickup weir at Shankini Nallah and Nerli Nallah, Bhansi, South Bastar Distt-Dantewada (C.G.) in the location explained below for which the water requirement of 20,000 m³/day at full rated capacity and 1,000 m³/day for initial years shall be needed for development and operation of mine.

The downstream water from Shankini nallah shall be tapped by providing pick-up weir on downstream side of nallah and distributed by pumping to Mines, both Primary and Secondary Crushing plants, Service Centre, Fire suppression system for downhill conveyor and other infrastructures at Hill-Top of Dep. 4.

The water from Nerli nallah shall be tapped by providing pick-up weir on downstream side of the nallah and distributed by pumping to Screening Plant (partly), Loading Plant, Township, Administration building, Guest house and other infrastructures proposed at Bhansi.

At hilltop, water is required for sprinkling on haul roads and feeder roads, mist spray at crushing plant, service center, auto shop, greenbelt development and domestic purposes in mine.

Details of proposed project are given below:

- | | | | |
|---|---------------------|---|---|
| 1 | Name of the company | : | NMDC-CMDC Limited |
| 2 | Regd Office address | : | Green Valley City, Housing Board Colony, Boriyakala, Sejbahar, Raipur, 492015 |

- 3 Type of Organization : A JV Company of NMDC Ltd. (a Central Government Public Sector Undertaking under the administrative control of Ministry of Steel) and CMDC Ltd. (a Government of Chhattisgarh Public Sector Undertaking).
- 4 Name of the project : Bailadila Iron Ore Project Deposit-04
- 5 Location of the project
a) Nearest Village : Bhansi, Porokameli
b) Block : Dantewada / Bade Bacheli
c) District : South Bastar Dantewada (C.G.)
- 6 Salient details of the project : Bailadila Iron Ore Project Deposit-04 will be fully mechanized opencast mine. The iron Ore will be mined by shovel dumper combination and ore is processed to get two types of products i.e. Calibrated Lump Ore and Fine Ore.
- Production capacity of the mine will be 7.0 MTPAROM iron Ore (Total excavation 13.41 MTPA) along with 2000 TPH crushing Plant inside lease and ancillary activities related to mining including 2000 TPH screening / wet beneficiation plant outside mining lease.
- During initial 5 years period of development stage , the mine will be developed with 2 MTPA ROM capacity.
- 7 Proposed nearest source of water : Shankini Nallah and Nerli Nallah (Location map be enclosed)
- 8 Required Quantity of water : **20,000 m³/day** (at full rated capacity) and **1,000 m³/day** (for initial years)
- 9 Project report regarding required water calculation : Enclosed
- 10 Position of MoU : MoU will be signed with WRD after obtaining permission for drawal of water.

DECLARATION

1) I/We certify that the information furnished is true to the best of my/our knowledge.


2) I/We agree to pay the water charges fixed by the Government from time to time and also agree to pay commitment charges if any.

3) I/We agree to sign necessary MoU/Agreement.

Place: Raipur

Date: 08/12/2021

Signature



08/12/2021

(Pankaj Kumar Sharma)
CEO, NMDC-CMDC Limited

1) Water requirement for Bailadila Iron Ore Project, Deposit-04, Bacheli, South Bastar Dantewada (C.G.) for initial years during development through Small Scale Mining

Total water Requirement : 1,000 m³/day

a) Dust suppression on haul road	= 600 m ³ /day
b) Drinking/Sanitation	= 100 m ³ /day
c) Green Belt	= 150 m ³ /day
d) Dust suppression during in pit crushing	= 90 m ³ /day
e) Vehicle Washing	= 50 m ³ /day
f) Mine operation wet drilling	= 10 m ³ /day


Total = 1,000 m³/day

2) Water requirement for Bailadila Iron Ore Project, Deposit-04, Bacheli, South Bastar Dantewada (C.G.) for full rated capacity Mining

Total water Requirement : 20,000 m³/day

a) Dust suppression on haul road	= 2000 m ³ /day
b) Dust suppression at C/P, DH, S/P & L/P	= 1000 m ³ /day
c) Wet screening	= 8380 m ³ /day
d) For plantation	= 1000 m ³ /day
e) For drinking/sanitation / household	= 7000 m ³ /day
f) For domestic purpose	= 100 m ³ /day
g) For miscellaneous purpose	= 400 m ³ /day
h) Mine operation (wet drilling)	= 120 m ³ /day

Total = 20,000 m³/day


(Pankaj Kumar Sharma)
CEO, NMDC-CMDC Limited