

GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED

(A Government of Gujarat Enterprise)

Lignite Project, Umarsar, P.O: Ghaduli Pin- 370627

Tal: Lakhapat, Dist: Kutch (GUJ) E mail: umarsar@gmdcltd.com

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GMDC/Umarsar/ENV/ 142 /2022-23

Date : 07/05/2022.

To.
Deputy Director General of Forests (C)
Integrated Regional Office,
Gandhi Nagar, (IRO Bhopal)
E mail : lro.ganhingr-mefcc@govt.in
Copy : **Email:** rowz.bpl-mef@nic.in

Subject : Submission Of compliance status Of Environmental Clearance


Respected sir,
Here with we are submitting Present status of Overall Environmental Performance vide EC No. J.11015/575/2017-IA.II(N) , dated 25th June 2009. For, Umarsar Open Cast Lignite Mine Project(1 MTPA).

Name of project: Umarsar Open Cast Lignite Mine Project(1 MTPA). at Village Umarsar, Taluka Lakhpat, District Kutch, Gujarat By Gujarat Mineral Development Corporation Ltd.

MoEF Clearance No. & Date : Environmental Clearance (EC) No. J.11015/575/2017-IA.II(N) , dated June 25th 2009.

Period Of Status : 01-10-2022 to 31-03-2022.

For, GMDC Ltd,


General Manager(P)
Umarsar

Copy to.

1. The APCCF (c) , Regional Office (WZ), Bhopal
2. Zonal Office, CPCB , Baroda
3. Regional Office , Gujarat pollution Control board. Bhuj
4. General Manager (Env.), Corporate office GMDC Ltd.

Encl:

1. Report and Annexure

Compliance status of Environmental clearance of Umarsar Mines of Gujarat Mineral Development Corporation

Time Period: Oct 2021 to Mar 2022

A. Specific conditions

| Sr.no | Conditions | Compliance Status |
|-------|--|--|
| 1 | The project proponent shall obtain the prior approval of the national wildlife board of India before start mining operations | <u>Complied</u> Permission has been obtained from The chief wild life warden, Gandhinagar vide letter no. WLP/32/B/7820-25/2012-13 dated 16/03/2013 Attached letter |
| 2 | No mineral Transportation shall be undertaken through the sanctuary of area falling within the mine and the sanctuary, which is buffer to the mine along the sanctuary | <u>Complied</u> No route for Mineral transportation has been within sanctuary area. |
| 3 | The wild life conservation plan prepared for conservation of wildlife in the Narayan Sarovar sanctuary shall be implemented in consultation with chief wildlife warden, govt. of Gujarat the funds for the plan shall be maintained in a separate fund of Rs. 129.50 Lacs towards capital costs and 33 Lacs as revenue expenditure. The status of implementation of the various activities there under such as fencing, development of plantation, construction of van talavadis , and other water recharge measures , water holes and ponds, eco-awareness programmes for local villagers , shall be regularly submitted to the regional office of the MoEF, Bhopal as a part of compliance report. | <u>Complied</u> We have carried out the plantation activity in mine lease area and surrounding also we have time to time contribute to Forest Department towards NSSL conservation. Eco awareness programme conducted two times in this time periods for local people and employee under the World Environment day & Van Mahotsav celebration. GMDC have allocated 341.33 Lacs funds earlier for Development of Green belt, making biological task force, Barbed wire fencing construction of hawada, check dams, van talavadi and interpretation center for conservation & Development of Narayan sarovar Sanctuary. |
| 4 | A mine drainage plan with surface drainage design of the mine resulting from surface run off and diversion of rivers Moti, seasonal nalahs and ponds found within the active mining area and for the mine discharge water based on a peak rain fall data shall be prepared and implemented. | <u>Complied</u> The plan has been prepared and incorporated in progressive mine closure plan. Mine closure plan for Umarsar Lignite Block was approved on 17/10/2006 by the Government of India, Ministry of Coal (MOC), vide letter no. 34011/13-2011 – CPAM dated 25th October 2013. |

| 5 | <p>The plan for diversion and realignment of the nala and modification of the natural surface drainage and design of the diversion canal shall be done in consultation and approval of the concerned state flood and irrigation department. dimension and depth of the nala should be used for reclamation and development of green belt.</p> | <p><u>Complied</u> The plan for diversion of nala has been prepared and incorporated in progressive mine closure plan. The approval of Nala diversion will be taken before the actual implementation.</p> | | | | | | | | | | |
|-------|--|---|---------------------------------|----------|----------------------|---------------------------------|-------|--------------------|-----------|------|-------|----|
| 6 | <p>Top soil shall be stacked properly with proper slope at earmarked site(s) and shall not be kept active and shall be used for reclamation and development of green belt.</p> | <p><u>Complied</u> Top soil has been stacked at earmarked placed.</p> <table border="1" data-bbox="776 568 1471 743"> <thead> <tr> <th>Sl no</th> <th>Location</th> <th>Storage Area (in Ha)</th> <th>Volume (in Lac m³)</th> <th>Slope</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>West side</td> <td>2.77</td> <td>2.896</td> <td>28</td> </tr> </tbody> </table> <p>Top Soil is then utilized in Green belt development and reclamation of mined out area.</p> <p>2.407 lac m³ top soil has already been used for physical reclamation of area during the reporting periods of Oct-21 to march -22.</p> | Sl no | Location | Storage Area (in Ha) | Volume (in Lac m ³) | Slope | 1 | West side | 2.77 | 2.896 | 28 |
| Sl no | Location | Storage Area (in Ha) | Volume (in Lac m ³) | Slope | | | | | | | | |
| 1 | West side | 2.77 | 2.896 | 28 | | | | | | | | |
| 7 | <p>OB shall be stacked at earmarked external OB dump site within ML area and shall be a maximum height of 50m only each. The ultimate slope of the dump shall not exceed 28*</p> <p>Monitoring and management of existing reclaimed dump sites shall continue until the vegetation becomes self compliance status shall be submitted to the ministry of environment & forests and its regional office located at Bhopal on yearly basis.</p> | <p><u>Complied</u> There are 01 external dumps in the present scenario, the details of which is furnished below</p> <table border="1" data-bbox="776 1402 1422 1509"> <thead> <tr> <th>Sl no</th> <th>Dump</th> <th>Height</th> <th>Slope</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>West side of mines</td> <td>15</td> <td>25°</td> </tr> </tbody> </table> <p>Height of each deck of the dump does not exceed 10m & total height is 30 m & Over all slope of dump does not exceed 25° as shown in table above.</p> <p>Backfilling has started in April 2016 and still the Dumping is in progress.</p> <p>Monitoring and management of existing reclaimed dumpsites is being continued until the vegetation becomes self sustained.</p> | Sl no | Dump | Height | Slope | 1 | West side of mines | 15 | 25° | | |
| Sl no | Dump | Height | Slope | | | | | | | | | |
| 1 | West side of mines | 15 | 25° | | | | | | | | | |

