



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5, Arera Colony

Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>

Tel: 0755-2466970, 2466859

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No: 187 / SEIAA /15

Date: 13.4.15

To,

M/s Sorathia Velji Ratna & Company

Tehsil-Itarsi, District-Hoshangabad

(MP)-461111.

Sub:- Case No. 2453/2015 - Prior Environmental Clearance for **Gwarikala Sand Quarry** in an area of 8.0 ha. for production capacity 62,500 cum/year at Khasra No. 125 at **Village-Gwarikala, Tehsil-Itarsi, District-Hoshangabad (M.P)** by M/s Sorathia Velji Ratna & Company, Tehsil-Itarsi, District-Hoshangabad (MP)-461111.

This has reference to your application received in SEIAA office on 12.02.2015 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form - I, Appendix-1, Mining Plan & EMP and the additional clarifications furnished in response to the observations of the State Level Expert Appraisal Committee (SEAC) and State Level Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- II. There is no National Park/Sanctuary and interstate boundary within 10 Km radius. There is no human settlement within 500m from mining site. The forest boundary is at a distance of 1.95 km from mining site.

The **Gwarikala Sand Quarry** project is for production capacity of 62,500 cum/year. The mining will be carried out by **Opencast Manual Method**.

- III. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006.

- IV. Based on the information submitted, as at Para (II) above and others the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 191st meeting dtd. 08.04.2015 and decided to accept the recommendations of 176th SEAC meeting dtd. 26.02.2015.

Hence, Prior Environmental Clearance is granted for **Gwarikala Sand Quarry (Opencast Manual Method)** in an area of 8.0 ha. for production capacity 62,500 cum/year at Khasra No. 125 at **Village-Gwarikala, Tehsil-Itarsi, District-Hoshangabad (M.P)** for the **lease period** by M/s Sorathia Velji Ratna & Company, Tehsil-Itarsi, District-Hoshangabad (MP)-461111, subject to the compliance of the Standard Conditions enclosed at **Annex-I** and the following additional specific conditions as recommended by SEIAA & SEAC.

1. PP shall not start mining activity before execution of lease agreement.
2. The average depth of the pit shall not exceed 3.0m or water level, whichever is less at the end of lease period.
3. PP shall not start mining activity before submission of Mining Plan approved by the authorized agency of the State Government, to the Mining Officer.

4. PP shall ensure protection of existing trees along the river bank.
5. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
6. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
7. Plantation shall be carried out on the banks for stabilization of the banks.
8. Mining shall be carried only between 1st November to 31st May i.e. during non-monsoon period.
9. Transportation of sand shall not be carried out through forest area.
10. The mining activity shall be done manually.
11. Heavy vehicles shall not be allowed on the banks for loading of sand.
12. The sand shall be transported by small trolleys up to the main transport vehicle.
13. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
14. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone of 1 Km on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
15. No in stream mining shall be allowed.
16. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
17. Established water conveyance channels should not be relocated, straightened, or modified.
18. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
19. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
20. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.

Encl: Annex-1

(Signature)
 o/c (Ajatshatru Shrivastava)
 Member Secretary

Endt No. 188 / SEIAA/15 Dated: 13.4.15

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District Hoshangabad M. P.
5. Divisional Forest Officer, District Hoshangabad, M. P.
6. I.A. Division, Monitoring Cell, MoEF, Gol, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
7. Director (S), Regional office of the MOEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016
8. Director, Geology & Mining, Khanij Bhavan, Arera Hills Bhopal M.P.
9. District Mining Officer, District Hoshangabad, M. P.
10. Guard file

Encl: Annex-1

(Signature)
 o/c (Dr R.K. Jain)
 Officer-in-Charge

(Signature)

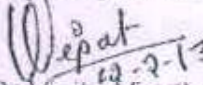
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Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

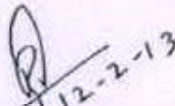
Annex-I

**Standard Conditions related to Activity 1 (a) - < 5 ha Mining Lease
Area for Sand Mining**

- 1 Mining will be carried out as per the approved EMS. In case of any violation of EMS the Environmental Clearance given by SEIAA will stand cancelled.
- 2 It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
- 3 It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
- 4 It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting.
- 5 Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for proposal under consideration.
- 6 Parking of vehicles should not be made on public places.
- 7 Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities. Maintenance of roads through which transportation of minor minerals is to be undertaken, shall be carried-out regularly.
- 8 Measures for prevention and control of soil erosion and management of silt shall be undertaken.
- 9 The project proponent will ensure necessary protection measures around the mine pit, waste dumps.
- 10 Plantation programme shall be carried out as per EMS. Self sustenance of the vegetation should be ensured. No tree-felling shall be done in the leased area, except only with the permission from competent authority.
- 11 The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation.
- 12 Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
- 13 Persons working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
- 14 Dispensary facilities for first-aid shall be provided at site.


(Dr Vinita Vipat)
Officer-in-Charge


(Dr U.M. Shukla)
Officer-in-Charge


(Dr R.K. Jain)
Officer-in-Charge

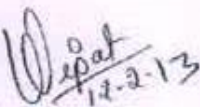
1 of 2

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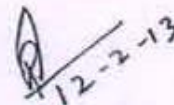
- 15 A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies, as applicable, in addition to the relevant officers of the Government.
- 16 The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
- 17 Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 18 Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


12.2.13

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2 of 2