



No. J-11015/186/2010-IA.II(M)
Government of India
Ministry of Environment & Forests

By Speed Post

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CGO Complex, Lodhi Road,
New Delhi - 110003
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Dated the 22nd, 2012

ALY.

To

✓ M/s Godha and Company
C/O Goyal Enterprises
Opposite Jyoti Petrol Pump
VKIA, Jaipur - 13

Subject: China Clay and Soapstone Mine (M.L.3/85) of M/s Godha & Company located at village Khakhunda, Distt. Bhilwara, Rajasthan - environmental clearance - regarding.

Sir,

This has reference to your letter No. NIL dated 15.11.2011 on the subject mentioned above. The project was earlier prescribed Terms of Reference (TORs) by the Ministry of Environment and Forests on 30.07.2010 for undertaking detailed EIA study for the purpose of obtaining environmental clearance.

2. The proposal is for renewal of mine lease which will fall due in January, 2013 and for enhancement of production of China Clay and Soapstone from 2,361 TPA to 23,000 TPA put together (Soapstone 5,000 TPA, China clay 18,000 TPA). Mine is reported to be closed since 2000. Life of mine is 21 years.

3. Mine lease area is 78.116 ha. No forestland is involved. Agricultural land is 27.791 ha. Mine working will be opencast semi-mechanised involving drilling and blasting. The mining plan alongwith PMCP of the project has been approved from IBM vide letter No. 584 (6)(3)(317)/2009-RCM-AJM dated 06.10.2009. The area does not fall in Aravali region as the letter dated 22.11.2011 from Mining Engineer, Bhilwara submitted in this regard.

4. No National park / Wildlife sanctuary / Biosphere reserve / Tiger reserve / Elephant reserve, etc., are reported to be located in the core and buffer zone of within 10 km of the periphery of the project site and that the area does not report to form corridor for Schedule-I fauna.

5. The topography of the area is gently sloping & undulating and reported to lies between 25°25'42" to 25°26'10" N Latitude and 75°03'42.8" to 75°04'30.5" E

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Longitude. Ultimate working depth will be 24 m bgl. Groundwater table is reported to vary between 40 - 45 m bgl. The mine working will not intersect the ground water table. The baseline AAQ data presented showed that the levels are within permissible limit. Peak water requirement is estimated as 9 kld, which will be obtained from nearby villages.

6. Total pit area to be excavated 8.34 ha is planned to be reclaimed at the end of life of mine. It is estimated that 96,180 m³ of waste will be generated. There will be two external OB dumps over an area of 1.135 ha upto height of 10m. An area of 25.865 ha will be covered under plantation.

7. Public hearing has been held on 14.9.2011. The capital cost of the project is Rs. 150 lakhs and the annual recurring cost for the environment protection measures is proposed as Rs. 2 lakhs. Rs. 10 lakhs per annum have been earmarked for socio-economic measures. The proponent has stated that there is no court case to the project or related activity.

8. The Ministry of Environment and Forests has examined the application in accordance with the EIA Notification, 2006 and hereby accords environmental clearance under the provisions thereof to the above mentioned China Clay and Soapstone Mine project for enhancement of production of China Clay and Soapstone from 2,361 TPA to 23,000 TPA put together (Soapstone 5,000 TPA, China clay 18,000 TPA) of M/s Godha & Company located at village Khakhunda, Distt. Bhilwara, Rajasthan, subject to implementation of the following conditions and environmental safeguards.

A. Specific Conditions

- i. The Environment Clearance is co-terminus with the mine lease.
- ii. The project proponent shall obtain Consent to Establish and Consent to Operate from the State Pollution Control Board, Rajasthan and effectively implement all the conditions stipulated therein.
- iii. Necessary Wildlife clearance, as may be applicable shall also be obtained.
- iv. Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India in Contempt Petition (C) No. 412/2004 in IA No. 833 in Writ Petition (C) No. 202 of 1995, as may be applicable.
- v. The Company shall submit within 3 months their policy towards Corporate Environment Responsibility which should inter-alia provide for (i) Standard operating process / process to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions, (ii) Hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions



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and (iii) System of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders.

- vi. The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any, emanating from the mine lease area during the course of mining operation.
- vii. The environmental clearance is subject to approval of the State Land Use Department, Government of Rajasthan for diversion of agricultural land for non-agricultural use.
- viii. The top soil, if any shall temporarily be stored at earmarked site(s) only and it shall not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
- ix. There will be two external OB dumps over an area of 1.135 ha upto height of 10m. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Lucknow on six monthly basis.
- x. Garland drains, settling tanks, catch drains, siltation ponds and check dams of appropriate size shall be constructed around the mine working, sub-grade, over burden and mineral dump(s) to prevent run off of water and flow of sediments directly into the various nallahs / water bodies in the buffer zone. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly. The sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.
- xi. An area of 25.865 ha shall be covered under plantation.
- xii. Extensive water sprinkling shall be carried out in critical areas prone to high level-of particulate matter including haul roads. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

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- xiii. Loading and unloading areas including all the transfer points shall also have efficient dust control arrangements. These shall be properly maintained and operated.
- xiv. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- xv. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Lucknow, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
- xvi. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water for the project as applicable.
- xvii. Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.
- xviii. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of sandstone and the vehicles shall not be overloaded.
- xix. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.
- xx. Drills shall either be operated with the dust extractors or equipped with water injection system.
- xxi. Sewage treatment plant / septic tank shall be provided. Effluents generated due to washing of trucks, etc., shall be treated appropriately before discharge. Oil and grease traps shall also be provided.



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- xxii. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers shall be drawn and followed accordingly.
- xxiii. Occupational health programme encompassing identification of hazards, ranking of the risks, plan to handle such risk shall be prepared and implemented effectively.
- xxiv. The project proponent shall take all precautionary measures during mining operation for conservation and protection of flora and fauna. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation measures shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the PCCF Rajasthan, CWLW Rajasthan and the Regional Office of the Ministry of Environment and Forests, Lucknow.
- xxv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xxvi. The critical parameters such as RSPM (Particulate matter with size less than 10micron i.e., PM₁₀) and NO_x in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically . Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
- xxvii. A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.

B. General conditions

- (i) No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.

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- (ii) No change in the calendar plan including excavation, quantum of sandstone and waste shall be made.
- (iii) At least four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM₁₀) and NO_x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be undertaken in consultation with the State Pollution Control Board and data shall be regularly submitted to the Ministry including its Regional office located at Lucknow and the State Pollution Control Board / Central Pollution Control Board every six months.
- (iv) Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on reject yards and haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
- (v) Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs.
- (vi) Industrial waste water (workshop and waste water from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
- (vii) All the applicable safety procedures will be adhered and Personal Protective Equipments like nose masks, safety shoes, hand gloves, apron, ear plug, ear muff, safety goggles, safety belt, etc., shall be provided to ensure that people working during construction and operational phase are protected.
- (viii) Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (ix) A separate environmental management cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.



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- (x) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Lucknow.
- (xi) The project authorities shall inform to the Regional Office located at Lucknow regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (xii) The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xiii) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office, Lucknow, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow, the respective Zonal Officer of Central Pollution Control Board and the State Pollution Control Board.
- (xiv) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xv) The State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
- (xvi) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.

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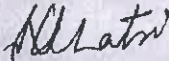
(xvii) The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same shall be forwarded to the Regional Office of this Ministry located at Lucknow.

9. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

10. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

11. The above conditions shall be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Rajasthan and any other Court of Law relating to the subject matter.

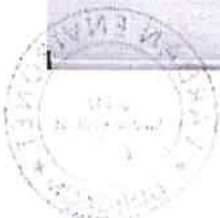
12. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Neeraj Khatri)
Deputy Director

Copy to:

- (i) The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
- (ii) The Department of Mines & Geology, Government of Rajasthan, Secretariat, Jaipur.
- (iii) The Secretary, Department of Environment, Government of Rajasthan, Secretariat, Jaipur.
- (iv) The Chief Conservator of Forests, Central Region, Ministry of Environment and Forests, B-1/72, Sector-A, Aliganj, Lucknow-226020.
- (v) The Chief Wildlife Warden, Government of Rajasthan, Van Bhawan, Vanki Path, Jaipur-302 005, Rajasthan.

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- (vi) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- (vii) The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- (viii) The Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur.
- (ix) The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
- (x) The District Collector, Bhilwara, Rajasthan.
- (xi) El Division, Ministry of Environment and Forests, Paryavaran Bhavan, C. G. O. Complex, Lodi Road, New Delhi-110003.
- (xii) Monitoring File.
- (xiii) Guard File.
- (xiv) Record File.

Neeraj Khatri

(Neeraj Khatri)
Deputy Director

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