

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

Research and Development Wing
Madhya Pradesh Pollution Control Board
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No: 1203/EPCO-SEIAA/ 12

Date: 14-3-12

To,
M/s Madhya Bharat Agro Products Ltd. (Unit-II)
Manohar Raghuwanshi
127, Rachna Nagar,
Bhopal-M.P

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Sub: Case no. 557/2010, Prior Environmental Clearance for Rock Phosphate Beneficiation plant for production capacity of 90,000 TPA at Saurai Industrial Area, Village Saurai, Tehsil Banda, District Sagar, MP by M/s Madhya Bharat Agro Products Ltd (Unit-II) 127, Rachna Nagar, Bhopal-M.P.

This has reference to your letter No. Nil dated 01.05.2010 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 and pre-feasibility report and subsequently submission of EIA report, public hearing document and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and Environment Impact Assessment Authority (SEIAA) constituted by competent Authority.

- ii. It has been noted that the proposal is for rock phosphate beneficiation plant at Patwari Halka No. 19/86, Khasra No. 166/1 (part of) Saurai Industrial Area, Village Saurai, Tehsil Banda, District Sagar, MP. It is located at 24° 01' 18" N and 78° 53' 31" E. The total plant area is 9.27 ha (92,700 sq m). The nearest city of Banda is 3.00 KM. The nearest human habitation viz. village Saurai is about 1.5 km away. The plant site is 800 m away from NH-86. The Bawas river is about 9.0 km away from the site. There are no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the lease boundary. Similarly interstate boundary is more than 10 km from site.

The total production capacity of rock phosphate beneficiation plant is 90,000 T/year. The raw material consumption shall include low-grade rock phosphate, sodium silicate, sodium oleate and grinding media. The water requirement will be 300 KLD, which will be met through ground water. CGWA has already accorded permission for this. Almost 90% of the water shall be used in the process. The total quantity of solid generation would be 150 MT/ day. It will be dumped in the plant premises. An area of 3.25 ha shall be covered under green belt and 4902 sq m will be used for roads. The public hearing was conducted on 03.01.2011.

- 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 September 14, 2006.
- iv. Based on the information submitted as at Para 2 and 3 above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its

77th meeting held on 07.01.2012 and decided to accept the recommendations of 82nd SEAC meeting held on 13.10.2011.

Hence, Prior Environmental Clearance is accorded to the Rock Phosphate Beneficiation plant for production capacity of 90,000 TPA at Saurai Industrial Area, Village Saurai, Tehsil Banda, District Sagar, MP by M/s Madhya Bharat Agro Products Ltd (Unit-II) 127, Rachna Nagar, Bhopal-M.P. under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA and SEAC:

1. Total water requirement shall not exceed 300 KLD and as per the proposal submitted 100% waste water shall be re-cycled in the process. No water shall be discharged outside the premises.
2. Garland drain surrounding the raw material storage area has to be constructed which shall be connected to the treatment plant. Efforts shall be made to make use of the rain water harvested.
3. Tailings generated from the process shall be used for brick manufacturing / building material as far as possible. Storing / dumping of this waste should be avoided. However, if stored or dumped, the ground water monitoring of the area has to be carried out periodically in consultation with MPPCB.
4. Dense green area (not less than 33% of the total plot area) shall be developed all around the site especially in the predominant wind direction.
5. Occupational health check-up camps shall be organized regularly and records of health of each and every worker should be maintained at site.
6. National Ambient Air Quality Standard issued by the Ministry vide GSR No. 826 (E) dated 16.11.2009 shall be followed.
7. Secondary fugitive emissions from all sources shall be controlled within latest permission limits issued by the Ministry and regularly monitored. Guidelines / Code or practice issued by CPCB shall be followed.
8. Regular monitoring of influent and effluents surface, sub-surface and ground water shall be ensured and treated waste water shall be re-cycled in the process. Leachate study for effluent generated & analyses should also be regularly carried out and report submitted to ministry and MPPCB.
9. Risk & Disaster Management Plan along with the mitigation measures should be prepared and copy shall be submitted to Ministry of Environment & Forests, GoI & MPPCB.
10. At least Rs 14 Lac shall be spent towards the CSR activities as per the proposal submitted by the Proponent during presentation.

Encl: 1 No

Sd/-

(Manohar Dubey)
Member Secretary

Endt No. 1204/EPCO - SEIAA/12 Dated: 14-3-12

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal.
2. Chairman, State Environment Impact Assessment Authority, Bhopal
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016

4. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5. Arera Colony Bhopal-4620 16
5. Collector, Distt-Sagar-M.P
6. Division, Monitoring Cell, MoEF, GOI, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
7. Regional Officer, Regional Office of the Ministry of Environment & Forest, GoI, Near Arera Petrol Pump, Arera Colony, Bhopal.
8. Guard file.

Sd/-
(Dr. R. P. Singh)
Officer-in-Charge

Standard Conditions related to Activity 2 (b) - Mineral Beneficiation of Primary Processing of Category B projects under the Schedule of Ministry of Environment and Forests, GoI notification dtd 14-09-06

1. Any enhancement of capacity, change in technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
2. All activities / mitigative measures proposed by PP in Environmental Impact Assessment and approved by SEAC must be ensured.
3. All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.
4. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S R. No. 825 (E) dated 16th November, 2009 shall be followed.
6. Adequate protection against dust and other environmental pollution due to working of the plant shall be made. The status of implementation shall be reported to the Regional office of the Ministry of Environment and Forest at Bhopal and work shall be completed before commissioning of the plant.
7. Ground water quality shall be regularly monitored for contamination and depletion and records maintained. The monitoring data shall be submitted to the Regional office of the Ministry of Environment and Forests at Bhopal regularly.
8. Transportation of ore (beneficiated and otherwise) shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place.
9. The discharged water from the Tailing Dam (if any) shall be reused in the process and regularly monitored and report submitted to the Regional office of the Ministry of Environment and Forest at Bhopal, Central Pollution Control Board and the State Pollution Control Board.
10. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. No overloading of ores for transportation shall be committed.
11. Project Proponent shall explore the possibility of using solar energy where ever possible.
12. The solid waste management has to be taken up as per the proposal submitted by PP.
13. All measures proposed for prevention of any discharge from the industry has to be implemented prior to the commencement of production.
14. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and displayed.

15. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office of the Ministry of Environment and Forest, Bhopal and the M.P. Pollution Control Board / Central Pollution Control Board once in six months.
16. Measures shall be taken for control of noise levels below 75 dBA in the work environment. Workers shall be provided with ear plugs / muffs.
17. Personnel 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.
18. 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.
19. The project authorities shall inform to the Regional office of the Ministry of Environment and Forest, Bhopal and MPPCB final approval of the project by the concerned authorities and the date of start of land development work.
20. 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 Regional office of the Ministry of Environment and Forest, Bhopal.
21. The compliance of the stipulated conditions shall be monitored by the Regional Office, MoEF, GoI, Bhopal and MPPCB. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, GoI at Bhopal.
22. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation, if any, shall be submitted to the Regional office of the MoEF, Bhopal and MPPCB to the competent authority of the State Govt. within six months.
23. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1st June and 1st December of each calendar year.
24. 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 who in turn has to display the same for 30 days from the date of receipt.
25. The project proponent has to strictly follow directions/guideline issued by the MoEF, GoI, CPCB and other Govt. agencies from time to time.
26. The Project Proponent 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 State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal.
27. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
28. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

29. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. 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.
31. 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.
32. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
33. The above conditions will 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.