

The meeting conducted on 22nd August, 2012 was presided by was presided by Shri S.C. Jain, Chairman. Following members attended the meeting-

1. Shri K.P. Nyati, Member
2. Dr Mohini Saxena, Member
3. Shri A.P. Srivastava Member
4. Shri V.R. Khare, Member
5. Prof. V Subramanian, Member
6. Shri R.K. Jain, Member Secretary

The Chairperson welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

Projects pertaining to mining in lease area less than 5 ha were taken up first for the consideration of the committee. Following 26 projects pertaining to mining in lease area less than 5.0 Ha were received at SEAC through SEIAA. In continuation to the discussions held in its 100th meeting regarding appraisal of such cases, committee discussed the issue in detail so as to draft broad guidelines. The minutes of the said discussion is summarized and enclosed (Annex-1). It was decided by the committee to send the proposed guidelines and strategy to deal with all such cases having MLA less than 5.00 ha to SEIAA for examination and approval. Once approved, the guidelines and the approach will be applied on the projects covered in today's agenda as well as the cases received in future.. Accordingly following was suggested

1. For all the linked applications with Hon'ble Supreme Court orders dated 16/04/2012 presently in operation and having Mining Lease Area less than 5 Ha the proposed guidelines may be applied, if approved by SEIAA and the cases may be disposed by SEIAA itself within the time limit directed by the Hon'ble Supreme in order dated 16/04/2012. All such cases may be disposed with the conditions that –
 - They will submit the certificate / document stated in para 2.2 (of draft guidelines).
 - They will obtain consent for Air & Water from the concerned Regional Office of MPPCB within four months.
2. All other cases fitting in to the proposed guidelines & having MLA less than 5.0 Ha, may also be disposed by SEIAA itself in the same manner.
3. Cases not fitting into the proposed guidelines & having MLA less than 5.0 Ha, may be sent to SEAC for further processing.

Cases to case presentation was made by the proponents before the committee and based on the presentation and submission made by the project proponents following projects were found to be fitting into the criterion 1 & 2 hence it was decided to forward these cases to SEIAA immediately for further necessary action along with the draft guidelines suggested by SEAC.

- 1. Case no. 732/2012 Shri Brajesh Kumar Sharma, C/o M/s Kamla Stone Crusher, C-105, Govindpuri, Gwalior Distt. – Gwalior (M.P.) - Expansion of Shri Brajesh Kumar Sharma C/o M/s Kamla Stone Crusher at Khasra No. 418, Vill. – Mau, Teh. – Gird, Distt.- Gwalior (M.P.) Lease Area - 2.0 Ha. Proposed Capacity – 20000 Cubic Meter Per Year.(Existing :7000 CFT) - Env. Consultant – Not Disclosed.**
- 2. Case no. 737/2012 Smt. Geeta Sharma, C/o M/s Aman Stone Crusher, Gangamai Santar, Morar, Gwalior Distt. –Gwalior (M.P.) 474006 Expansion of M/s Aman Stone Crusher at Khasra No. - 416,41, Village – Mau, Distt. – Gwalior (M.P.) Lease Area- 4.892 Ha. Proposed Capacity - 1,50,000 Cubic meter per year (Existing Capacity : 4000 TPA.) Env. Consultant – Not Disclosed**
- 3. Case no. 738/2012 M/s Tejasvini Minesgs, Sh. K.P. Pathak, attorney, 16, Sarafa Bazar- Jabalpur Distt. – Jabalpur (M.P.) Expansion of M/s Tejasvini Minings at Khasra No. - 195,Village – Chhapra,Tehsil- Bahoriband, Distt. – Katni (M.P.) Lease Area- 3.91 Ha.**

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Proposed Capacity - 7200 Cubic meter per year (Existing Capacity : 600 Cubic meter per year.)
Env. Consultant – Not Disclosed.

4. **Case no. 739 /2012** Sh. Shayam Sharma, Partner, M/s Krishna Stone Crusher , Village – Dhaneli, Distt. – Gwalior (M.P.) Expansion of M/s Krishna Stone Crusher at Khasra No. - 183, Village – Dhaneli,,Tehsil - Gird, Distt. – Gwalior (M.P.) **Lease Area- 1.254 Ha.** Proposed Capacity – 10,000 Cubic meter per year (Existing Capacity - 2000 TPA.) **Env. Consultant – Not Disclosed.**
5. **Case no. 745 /2012** Shri Kedar Singh, C/o Shri Tezvant Jain, BH- 13, Dendayal Nagar, Gwalior (M.P.) Expansion of Gohad Metal Stone quarry at Khasra No. 04,Village – Gohad, Tehsil Gohad, Distt. – Bhind (M.P.) **Lease Area - 4.0 Ha.** Capacity – 5000 TPA to 1,50,000 Cubic Meter Per Year. - **Env. Consultant – Not Disclosed.**
6. **Case no. 748 /2012** Shri Gopal Prasad Agrawal, C/o Shri Tezvant Jain, BH- 13, Dendayal Nagar, Gwalior (M.P.) Expansion of Rafadpur Metal Stone quarry at Khasra No.133, Village – Rafadpur, Tehsil - Dabra, Distt. – Gwalior (M.P.) **Lease Area - 4.0 Ha.** Capacity – 5000 TPA to 70,000 Cubic Meter Per Year. - **Env. Consultant – Not Disclosed.**
7. **Case no. 751 /2012** Shri Nishant Sahu, Near Govt. Hospital – Jatara, Teh. – Jatara, Distt. – Tikamgarh (M.P.) 472118 Bairwar Stone/Boulder Quarry of Shri Dhirendra Naik, at Khasra No.1136, Village – Bairwar, Tehsil - Jatara, Distt. – Tikamgarh (M.P.), **Lease Area - 1.0 Ha.** Capacity – 50,000 Cubic Meter/Year. - **Env. Consultant – Not Disclosed.**
8. **Case no. 754 /2012** Sh. Vedprakash Goel, C/o Sh. Tezvant Goyal, BH-13, Deendayal Nagar, Gwalior,Distt. – Gwalior(M.P.) Expansion of Rafadpur Metal Stone quarry at Khasra No.132,133, Village – Rafadpur, Tehsil - Dabra, Distt. – Gwalior (M.P.) **Lease Area - 1.0 Ha.** Capacity – 3000 CFT to 70,000Cubic Meter Per Year. **Env. Consultant – Not Disclosed.**

Neither the project proponents nor their representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation for following projects. Hence the committee decided to call the proponents of following projects in the meeting as per turn.

9. **Case no. 719/2012** M/s Bahubali Marbles C/o Shri Yaswant Jain, 1280, Home Science College Road, Napier Town, Jabalpur (M.P.)482001 - Chapra Marbles Mine ,Khasra No. 228, Village - Chapra,Tehsil – Bahoriband, Distt. – Katni (M.P.) **Lease Area- 2.06 ha.** Proposed Capacity – 45,000 MTPA **For –ToR - Env. Consultant – Not Disclosed.**
10. **Case no. 747 /2012** M/s Shivshakti Stone Crushing Company Sh, Khushilal Singh Sirohi S/o Sh.Tikaram Sirohi, Res.: 13/749, Preet Vihar, Buland Sahar (U.P.) – 203001 - Stone/Boulder quarry of M/s Shivshakti Stone Crushing Company, at Khasra No. 99, Village – Hansapur, Tehsil- Bhandar, Distt. – Datia (M.P.), **Lease Area - 4.0 Ha.** Capacity – 3,60,000 CFT Per Annum. **For –ToR. Env. Consultant – Not Disclosed.**
11. **Case no. 756 /2012** Shri Ansul Khare, Owner Subhashpuram Colony, Tikamgarh (M.P.) – 472001 _ Parsuva Metal Stone quarry at Khasra No. 156, Village – Parsuva, Distt. – Tikamgarh (M.P.) **Lease Area - 4.0Ha.** Capacity – 3000 Cubic Meter Per Year. **For –ToR Env. Consultant – Not Disclosed.**
12. **Case no. 758 /2012** Shri Ankit Goenka, Station Road, Katni (M.P.) – 483501 Nayakheda Flag Stone Quarry at Khasra No.623/2,623/3,623/4, Village – Nayakheda, Distt. – Katni (M.P.), **Lease Area - 1.56 Ha.** Capacity – 20,000 CubicMeter /Year **For –ToR. Env. Consultant – Not Disclosed.**

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Following fourteen (14) cases may be recommended for issue of TOR as per the draft guidelines after submission of the certificate / document stated in para 2.2 (of draft guidelines). The TOR may then be issued only after the receipt of approval/suggestions from SEIAA and the said documents.

- 13. Case no. 729/2012 Sh. Ashwani Dosaj C/o Sh. Sudhir Kumar Singh, Near Chhatarpur Bus Stand, Mahoba Road - Chhatarpur, Distt. – Chhatarpur (M.P.) – 471001 Vijaypur Granite deposit quarry at Khasra No. 836, Village – Vijaypur, Tehsil – Mohangarh, Distt.- Tikamgarh (M.P.) Lease Area- 3.50 Ha. Production Capacity – 7000 Cubic Meter Per Year. For –ToR - Env. Consultant – Not Disclosed.**
- 14. Case no. 733/2012 - Sh. Venkateshwar Singh Raghuwanshi, Raghuwanshi Krishna Sewa Kendra – Anandpur Road – Lateri , Teh. – Lateri, Distt. – Vidisha (M.P.) - Venkateshwar Singh Raghuwanshi Mining of Black Stone at Khasra No. 556, Village – Kachhikheda, Tehsil – Lateri, Distt.- Vidisha (M.P.) Lease Area- 4.0 Ha. Mineral: Black Stone (Kala Pathar) Production Capacity – 15,000 ton/year For –ToR - Env. Consultant – Not Disclosed.**
- 15. Case no. 736/2012 Sh. Gopal Rao Patle, Gram- Bhimjori, Tehsil- Baihar, Distt. – Balaghat (M.P) - Mining of Mud for Bricks manufacturing at Khasra No. – 02/02 Village – Chakarwahi, Tehsil – Baihar Distt. – Balaghat (M.P.) Lease Area - 0.80 Ha. (2.0 Acre) Capacity – 3,00,000 Ton per year For –ToR- Env. Consultant – Not Disclosed**
- 16. Case no. 740 /2012 M/s Shashi Bhusan Shukla Stone Mine, Village – Bhati, Tehsil – Hanumana, Distt. – Rewa (M.P.) – 486335 Stone Chips (Patiya Pathar) quarry of M/s Shashi Bhusan Shukla Stone Mine at Khasra No. 710/2, Village – Lasa, Tehsil- Hanumana, Distt. – Rewa (M.P.) Lease Area- 0.655 Ha. Proposed Capacity – 2000 MTPA For –ToR - Env. Consultant – Not Disclosed.**
- 17. Case no. 741 /2012 Smt. Prabha Sigaria W/o Sh. Dwarkanath Sigaria, Gandhi Road, Mehgaon, Distt. – Bhind (M.P.) 475110 Babai Stone / Boulder Quarry at Khasra No. 921/1, Village – Babai, Tehsil – Niwadi, Distt. – Tikamgarh (M.P.) Lease Area- 4.0 Ha. Proposed Capacity – 2 Lacs MTPA For -ToR Env. Consultant – Not Disclosed.**
- 18. Case no. 742/2012 - M/s KNR Constructions Ltd., KNR House, 3rd & 4th Floor, Plot No. 114, Phase -1, Kavuri Hills, Hyderabad (A.P.) – 500003 Atalpur Stone / Boulder Quarry For " Shivpuri Dewas Road Project " at Khasra No. 746/16, Village – Atalpur, Tehsil – Badarwas, Distt. – Shivpuri (M.P.) Lease Area - 1.48 Ha. Proposed Capacity – 3 Lacs MTPA Approx.. For –ToR - Env. Consultant – Not Disclosed.**
- 19. Case no. 743 /2012 - M/s GVR Infra Project Ltd., Sh. Boppana Shashidhar, GM, 231, Swami Ayyappa Society, Madhanpur, Hyderabad (A.P.) – 500081 For –ToR Kusmania Metal Stone (Agregate) quarry at Khasra No.340, Village – Kusmania, Tehsil – Kannod, Distt. – Dewas (M.P.) Proposed Capacity – 1,50,000 Cubic Meter Per Year. Lease Area - 4.0 Ha.- Env. Consultant – Not Disclosed.**
- 20. Case no. 744 /2012 - M/s GVR Infra Project Ltd., Sh. Boppana Shashidhar, GM, 231, Swami Ayyappa Society, Madhanpur, Hyderabad (A.P.) – 500081 For –ToR Goradia Murruam quarry at Khasra No. 550,551,554, Village – Goradia, Tehsil – Punasa, Distt. – Khandwa (M.P.) Lease Area - 3.14 Ha. Proposed Capacity – 1,50,000 Cubic Meter Per Year. Env. Consultant – Not Disclosed.**
- 21. Case no. 746 /2012 Mrs. Prachi Agrawal, Director, M/s Yuvraj Estates Pvt. Ltd., 23, Joy Builders Colony, Distt.– Indore (M.P.) – 452003 Stone quarry of M/s Yuvraj Estates**

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Pvt. Ltd., at Khasra No.47/1,47/1/2,47/1/1/2, Village – Rangwasa, Tehsil- Depalpur, Distt. – Indore (M.P.), Lease Area - 4.0 Ha. Capacity – 50000 Cubic Meter Per Year. For –ToR Env. Consultant – Not Disclosed.

22. Case no. 749 /2012 Shri Kailash Bahadur Pathak, Krishna Colony, Teh. - Orchha, Distt. – Tikamgarh (M.P.) 472246 - Rund Makora Stone/Boulder Quarry of Kailash Bahadur Pathak, at Khasra No. 10/1A, Village – Rund Makora, Tehsil - Orchha, Distt. – Tikamgarh (M.P.), Lease Area - 4.0 Ha. Capacity – 60,000 MT Approx /Annum. For –ToR Env. Consultant – Not Disclosed.

23. Case no. 750 /2012 Shri Dharendra Naik, Krishna Colony, Teh. - Orchha, Distt. – Tikamgarh (M.P.) 472246 Rund Makora Stone/Boulder quarry of Shri Dharendra Naik, at Khasra No.10/1A, Village – Rund Makora, Tehsil - Orchha, Distt. – Tikamgarh (M.P.), Lease Area - 4.0 Ha.Capacity – 60,000 MT Approx /Annum. For –ToR Env. Consultant – Not Disclosed.

24. Case no. 752 /2012 Shri Jitendra Sharma, MantriJee Ka Mohala Lidhora Khas, Teh. – Jatara, Distt. – Tikamgarh (M.P.) 472118 Vishunapura Flage Stone,Gitty Quarry of Shri Jitendra Sharmak, at Khasra No.30/1, Village – Vishunapura, Tehsil - Prathvipur, Distt. – Tikamgarh (M.P.), Lease Area - 4.0 Ha. Capacity – 1,00,000 Cubic Meter of Flag Stone, Gitty/Year. For –ToR - Env. Consultant – Not Disclosed.

25. Case no. 755 /2012 Smt. Arti Shrivastva W/o Shri Pankaj Shrivastva, Jawahar Road, IFO- Hospital, Mehgaon, Distt.- Bhind ((M.P.) 477557 For –ToR Stone/Boulder quarry at Khasra No.176,177, Village – Babai,Tehsil - Niwadi, Distt. – Tikamgarh (M.P.), Lease Area - 4.0 Ha. Capacity – 2 Lacs MT/Annum. - Env. Consultant – Not Disclosed.

26. Case no. 757 /2012 Shri Sube Singh S/o Shri Jam Singh, Village- Akola, Tehsil – Alirajpur, Distt. – Alirajpur (M.P.) 457887 - Sand Quarry at Survey No.228, Village – Akola, Tehsil – Alirajpur, Distt. – Alirajpur (M.P.) Lease Area - 2.0 Ha. Capacity – 50 Cubic Meter Per day For –ToR. Env. Consultant – Not Disclosed.

Other Projects discussed in the meeting:

27. Case no. 727/2012 M/s RSPL Limited, 109/366, R.K. Nagar, G.T. Road, Kanpur –208012 (U.P.)_Project : Optical Brightener Location at Plot No. 42-46 and 49-53, MPAKVN Sector- K, Sidhgawan Growth Centre- Sagar (M.P.) - 470004 Total Plot Area- 44000.0 sqm., Production Capacity – 4050 MTPA For –ToR Env. Consultant – ASCENSO Management and Consulting Services Pvt Ltd, New Delhi.

Committee has taken noticed of the following issues pertaining to this project:

- The land belongs to M/s Rohit Surfactants Ltd. whereas the application for prior EC was made in name of M/s RSPL.
- Consultant engaged by the PP is not qualified for proposed sector.
- The proposed Optical Brightener unit consists of other (detergent) units, hence integration of all the units have to be considered while framing / designing the proposed TOR and relevant documents.

Hence committee asked the PP to resolve the above issues at the earliest and decided to call the PP only after submission of clarification on the above.

28. Case no. 728/2012 Sh. Tanwar Singh,137, A-B Road, Bhopal Chouraha – Dewas, Distt. – Dewas (M.P.) – 455001 - Renewal & Expansion Rajoda Masonary Stone Mine at Khasra No. 836, Village – Rajoda, Tehsil – Rajoda, Distt.- Dewas (M.P) Lease Area- 10.926 Ha. , Production Capacity – 5 Lacs M.T. Per Year. For- ToR Env. Consultant – M/s Apex Mintech Consultants, Udaypur (Rajasthan)

This existing project of mining of Masonary Stone / Building Stone of mineral Basalt for

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manufacturing the gitti after crushing the stone in Survey No. 836 near village Rajoda, Tehsil & District Dewas (M.P.) over an area of 10.926 Hect. Covered in the EIA notification at SN 1 (a) of the schedule. Hence prior Environment Clearance is required for the renewal and targeted production of 5 Lac M.T. per annum.

Details of lease - Mining lease for mineral masonry stone / building stone near village Rajoda, Tehsil & District Dewas (M.P.) over an area of 10.926 Hect. was granted in favour of M/s. Tanwar Singh S/o Balu Singh R/o Dewas (M.P.) in Khasra No./ Survey No. 836 vide govt. order No. 5864/Khani/2/Na kra/2/2000 & Registered at Raipur Dt. 14.9.2000 for a period of ten years, the lease deed was executed on 17.11.2000. Thus the lease period was 17.11.2000 to 16.11.2010. Thereafter lessee applied for a first renewal of mining lease on 24.10.2009 and same was renewed vide govt. order No. 8926 /Khaniz/ Na Kra/ 3 Pa/ 3/10 dt. 11.6.2010 for a period of ten years for masonry stone (for manufacturing the gitti). The lease deed was executed on 9.8.2010 and 1st renewal lease period start from 17.11.2010 to 16.11.2020.

Location of the project: Rajoda Masonary Stone mining lease having an area of 10.926 Hect.(Govt. waste land), Tehsil & District Dewas (M.P.) falls in G.T. Sheet No. 55 B/1 between the latitude 22°56'13.7" N to 22°56'33.6"N and Longitudes 76°04'30.7" to 76°05'05.6"E.

The area represent moderate to high topography some where it is flat with small undulation. The lease area is having a capping of weathered boulder bed/ alluvium and mine is 8 km. from District Headquarter Dewas.

The water required (5 KLD) at the mine for drinking and domestic purpose is being obtained outside from a tube well located just west of the M.L. area. The water for other purpose will be obtained from sump developed in mine.

After deliberation committee has approved the TOR with inclusion of following points:

1. Compliance of Air / Water consent & Hazardous Waste Authorization conditions duly certified from the Regional Officer MPPCB.
2. Micro-level details of the surrounding area.
3. Public Hearing shall be done.
4. Other TOR' prescribed for similar projects shall also be applicable.

29. Case no. 735/2012 Sh. Ramlal Singh , S/o Sh. Ramgarib Singh R/o Village- Maddepur, Distt. – Rewa,(M.P.) –486001 - Sonra Lime Stone Mine at Khasra No. 148, Village – Sonra, Tehsil – Huzur, Distt.- Rewa (M.P.) Lease Area- 5.831 Ha. Capacity & Minerals: Limestone Proposed – 10,000 MTPA. For –ToR Env. Consultant – Not Disclosed.

This is case of existing mining operation. The project is covered under the EIA Notification and metioned at SN 1(a) of the Schedule. Hence requires appraisal by the SEIAA / SEAC. The application for obtaining prior EC was forwarded by the SEIAA to SEAC for scoping. The project was discussed in the meeting whereby a presentation was made by the PP and his consultant before the members. The submissions and the presentations made by the PP following revealed following:

The State Govt. has granted Lease to Shri Ramlal Singh vide their letter dtd. 12/2/1993 over an area of 5.831 ha at village Sonra Tehsil Huzur District Rewa for the period of ten years, and after recommendation of Govt. of India the State Govt. has extended the lease period from ten years to twenty years thus the lease period is from 23.03.1993 to 23.03.2013 copy of lease agreement has been submitted by the PP. The applicant has applied for lease renewal and also applying for Environmental Clearance as per EIA Notification 2006.

Location of the Project

District/State	Tahsil	Village	Khasara No.	Area	Ownership
Rewa (MP)	Huzur	Sonra	148	5.831 ha	Govt. waste land
			Total	5.831 hectare	

Sonra is located at a distance of 1 km towards south road joins the village Bela 5 km. a main road

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passes along the northern boundary of the area join plant of J.P. schooling facility, medical facility, post office facility are available in village Sonra. Areas fall under jurisdiction of Bela police station which is 5 km south of the area. Nearest railway station Rewa is 19 km, nearest PWD rest house is located at a distance of 18 km in Rewa.

S.N.	Particulars	Details
1	Nearest City	Rewa -19 km
2	Nearest Railway Station	Rewa - 19 km
4	Nearest Highway	NH-7 – 4.8 km
5	Nearest Village	Sonra 0.7 km
6	Topography	Flat
7	Ecological Sensitive Zone	No national parks and sanctuary within 10 km radius

Water requirement and Source of water - the quantity of water required is approx. 12 kilo liters per day shall be taken from the nearby bore wells and accumulated rain water in mine pits.

Method of Mining: The mining operations are being carried out by opencast manual method of mining, using hand tools such as chisel, hammer, crowbar and spades etc. mineral is loaded manually into the tractor/truck. Dispatch of various destinations is being done by truck/ dumper.

Topography - Topography of the area is about flat, having gentle slope towards south west. Five working pit is excavated in the area. Lowest elevation of the area 312m along with western and north western boundary of the area. Highest elevation of the area is 316m in north eastern part of the area. Elevation different between lowest and highest elevation is 4m.

Project Schedule and Cost of the project: Total estimated initial cost of the mining project is approx. 10.0 lakhs.

Green Belt Development Plan - Assess the green belt development plan in scientific and planned manner on backfilled area, haulage road and along the boundary as a part of an on going programme.

Rehabilitation & Resettlement Plan: The total area of the lease is 5.831 ha sanctioned by Govt. of M. P. and the land is undulating and there is no human settlement or agriculture field is exists therefore, no R & R plan is required.

After deliberations committee has approved the TOR to carry out EIA / EMP with inclusion of following points:

- Compliance of Air / Water consent & Hazardous Waste Authorization conditions duly certified from the Regional Officer MPPCB.
- Micro-level details of the surrounding area.
- Public Hearing shall be done.
- NOC from Gram Sabha for carrying the mining activity also addressing the permission for using the water from the village sources to be furnished with the report.
- Conceptual plan clearly showing the area existing as well as proposed under green cover.
- Photographs of the mining site showing latest status of the site with respect to OB management and green cover development.
- At least one monitoring station for Ambient Air quality monitoring each should be placed at boundary falling towards the habitation and the forest boundary.
- NOC from forest department stating the distances of nearest forest boundary and Notified national parks / sanctuary etc. from the boundary of MLA.
- Other TORs prescribed for similar projects shall also be applicable.

**30. Case no. 496/2010 Shri Shakil Ahmed Khan, S/o Shri Abdul Aziz Khan, Pratap Nagar, Chittorgarh (Rajasthan) – Laterite mine 10.28 ha. at village Guradia Deda The & Distt. Mandsaur-M.P. ToR issued vide letter no. 154 dt. 18/02/12 For EIA Presentation
Env. Consultant – M/s Apex Mintech Consultants, Udaypur (Rajasthan).**

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This is case of existing mining operation. The project is covered under the EIA Notification and mentioned at SN 1(a) of the Schedule. Hence requires appraisal by the SEIAA / SEAC. The EIA report with related documents were submitted by the PP to SEAC for appraisal. The project was discussed in the meeting whereby a presentation was made by the PP and his consultant before the members. The submissions and the presentations made by the PP following revealed following:

Introduction about the project:

- A prospecting licence for mineral Laterite near village Guradia Deda, Tehsil & District Mandsaur over an area of 10.28 hect. (Govt. waste land) in Survey No. 635 was granted to Shri Shakil Ahmed Khan.
- Prospecting licence was granted by Ministry of Mineral Resource, Department, Govt. of Madhya Pradesh, Bhopal vide letter No. F-2/2/43/06/12/1 dated 30.3.2007 for a period of 2 years effective from date of execution i.e. from 3.5.2007.
- Mining Plan & Progressive Mine Closure Plan has been approved by Controller of Mines (Central Zone), Indian Bureau of Mines, Nagpur vide letter No. MND/LAT/M PLAN-1030/NGP/date 26.03.2009.
- Environment Clearance from SLEIAA, M.P. for targeted production of 60,750 MTA is needed for which TOR was obtained vide letter No. 154/PS-MS/MPPCB/SEAC/TOR (46)/2010 Bhopal dated 18.02.2010.
- Public hearing held on 15.6.2011 at Guradia Deda, Tehsil & District Mandsaur.

Salient Features

Village	Guradia Deda
Tehsil	Mandsaur
District	Mandsaur
Latitude	24°07'37" to 24°07'49" N
Longitude	75°02.27" to 75°02'36"E
Topography	Plain
Altitude	492 – 488.50 MAMSL
Distance from nearest town	Mandsaur, 8 kms.
Nearest Highway	Mandsaur-Neemuch Highway at a distance of 200 mts.
Nearest Railway Station	Mandsaur at 8 kms.
Nearest major water bodies	River Sau & Siwana at a distance of 9 km. in South eastern side.
Area	10.28 ha.
Forest area (Diversified)	NIL
Govt. revenue land	10.28 (Govt. waste land)
Mineable Reserve	18,72,234 M.T. (Proved mineral reserve)
Targeted production	60,750 TPA
Mining method	Opencast semi-mechanized method.
Dimension of benches	3 m. (h) x 3 m. (w)

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Stripping ratio	1:0.03
Recovery factor	90%
Life of mine	31 years (based on reserve established and targeted production).
Five year working depth	Upto 485.50 m amsl.
Ground Water Table	478 m. amsl
Project cost	Rs. 0.25 Crore

Salient features within the buffer zone

Particulars	Details
Nearest Highway	Mandsaur-Neemuch (at a distance of 200 mts.)
Nearest Railway Station	Mandsaur at 8 km.
Nearest Village	Guradia Deda
Nearest town/city	Mandsaur town at 8 km.
Notified Archaeologically - Important places	Nil within 10 km. radius
Local places of Historical and tourism internet	NIL within 10 km. radius
Protected areas as per Wildlife Protection Act, 1972	NIL within 10 km. radius
Reserved/Protected Forest	Nil within 10 km. radius
Defence Installations	NIL within 10 km. radius

Proposed Control Measures

Air Pollution Control Measures

- Laying and maintenance of haul roads, providing sprinkling of water to minimize air-borne dust.
- Development of extensive green barrier around mine, around dump area along side roads, periphery of mine, etc. to arrest propagation of dust and noise as well as to control erosion.
- Moderate loading of dumpers carrying Laterite & waste to avoid spillage & dust nuisance.
- Frequent water spraying/sprinkling on the roads, waste dump areas, etc, to suppress dust.
- Improved preventive maintenance practices for reducing particulate matter, gaseous and noise emission from HEMM/mining machinery like shovels, dumpers, compressors, transport vehicles, etc.
- Use of sharp teeth for shovel digger, other soil excavation equipments, etc. to reduce dust propagation.
- Use of Tarpaulin over loaded transport vehicles.

Noise Pollution Control Measures

- Planting of native species along roads & Safety zone to act as acoustic barriers.
- Sound proof operator's cabin for equipments like dumpers, shovel, etc.

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- Proper and regular maintenance of equipments may lead to less noise generation.
- Providing in-built mechanism for reducing sound emissions.
- Providing earmuffs to workers exposed to higher noise level.
- By suitable necessary administrative controls, it will be ensured that noise monitoring will be regularly done, so that necessary remedial measures are taken promptly to prevent exposure of personnel to excessive noise levels.
- Conducting regular health check-up of workers including 'Audiometry Test' for the workers engaged in noise prone area.

Water Environment Management

- Maintaining a proper gradient of 1° to 2° for drainage of water on the bench floors with drains.
- Construction of suitable garland drains around quarry area and external dumps with proper gradients to prevent silt entry into nearby water bodies by providing desilting checks/pits.
- Dump tops will be provided with proper sloping tapers.
- Construction of retaining wall around dump to prevent sliding and wash off effects.
- Sapling will also be planted along the foot & unused slopes to arrest and prevent erosion.

Solid Waste management

- There are no old waste dumps in the lease area.
- As there is a market for this waste material, total quantity accumulated in the past were sold.
- Waste (intercalated only) accounts 10% of the total excavation.
- Entire ROM will be disposed except for non saleable waste, will be dumped over an area of 0.40 hect.
- Backfilling will be done as per approved Mining Plan and in the end of life, there will be no dump on the surface.
- At ultimate stage, approx 75,559 cu.mts. waste material will be generated which will be backfilled.
- Waste dumps will be provided with necessary retaining wall, garland drains & desilting pits.
- In the ultimate stage this dump will be rehandled and reclaimed.

Proposed Mitigation measures for Biological Environmenty:

- Undertaking given by the proponent that they would contribute proportionate amount towards implementation measured mention below.
- Green belt/plantation of suitable/native species at various possible places.
- Due to various control measures noise and air pollution will be minimized and hence minimum impact on flora/fauna status of the area.
- Conducting awareness programme through A/V presentation, lectures, circulation of pamphlets, etc.
- Training of mine workers/staff for wild life conservation.
- Providing water holes for animals & fodder pots for birds.
- Provision of fencing around plantation.
- Proper maintenance of HEMM to reduce noise levels.

Socio-economic environment- Impacts & Mitigation measures

- As there are no habitation or hutments in the core zone area, no rehabilitation or resettlements will arise here.
- Project provides around 50 direct employments.
- More than 200-300 indirect job prospects.
- Improvement of various services such as ancillary services, trading chances, logistical activities of transport of Laterite, green belt creation, etc.,
- The state and central Government will stand to gain financially by incomes on account of royalties, cess and income tax.

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Estimated Environmental Cost

S.N	Particulars	Capital Cost in Lacs	Annual recurring cost in Rs.
1.	Establishing a small lab for environment monitoring	1.50	-
i)	Yearly monitoring expenditure		0.50
2.i)	Cost of water tanker	3.50	
ii)	Cost of watering		1.25
3.i)	First Aid Room (Outside lease)	0.50	
ii)	Miscellaneous equipment	0.50	
iii)	Health check up	-	0.50
3.	Afforestation		
a)	Cost of plant protection measure	0.50	
b)	Upkeep/plantation of 250 plant year		0.50
4.	Ear muff & plug and dust control measures.	0.50	0.25
5.	Miscellaneous	0.50	0.50
	Total	7.50	3.50

Public Hearing Issues

S.N	Points raised by public	Management's commitments
1.	Employment opportunities should be generated which will fulfill local people's basic requirement for food & education	The lessee agreed with the public & committed that as far as possible local workers will be recruited from the vicinity of mines. However, skilled hands if not available locally, may be recruited from outside.
2.	Regular water spraying should be done.	The water collected in the mine's pit during rains will be used for water spraying at regular intervals in and around the mine area.
3.	Facilities for religious & social activities should be provided.	The lessee agreed & committed to carry out various social welfare activities, as per details given in EIA report for which separate funds have been earmarked under environment and safety head.
4.	Drinking water & medical facilities should also be provided.	The lessee committed to provide drinking water facilities in mines area. All workers will be medically examined as per Mines Rules, 1955 & will also arrange free medical check up camps for workers & for the nearby villagers.
5.	Funds for health & education should be created for the development of community.	The lessee agreed and committed as for these welfare activities as mentioned above.

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6.	Majority of villagers suggested to protect the environment & provide maximum employment opportunities for local people	The consultant for the project informed that for environment & safety a provision of Rs. 2 Lac has already been made by the management. This amount will also be judiciously distributed for welfare works of the mine area covering social, & health and education activities as well as enhancing drinking water facilities of the local inhabitants.
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After deliberations SEAC asked the PP for submission of information with supporting documents on the following queries:

- Proposed water requirement appears to be very low the same has to be reviewed and submitted with justification.
- Conceptual plan including top-soil storage area, OB storage area, water body and green belt area should be clearly marked on a map and has to be submitted.
- Notarized copy of Forest NOC to be furnished.
- Notarized copy of NOC from Gram Sabha.
- Distance of project site from the inter-state border verified from competent authority.
- Analysis of Titanium in the mineral have to be done from an authorized laboratory for the purpose and report to be submitted.
- PP shall increase the funds for CSR activities to not less than Rs 2.0 lac per annum accordingly plan to be furnished.

**31. Case No. 606/2010 -Shri Gaurav Chaturvedi M/s J.J. Distillers & Beverages Pvt. Ltd, Nagendra Bhawan, Narayni Bai Ki Gali, Near Nagar Palika, Duttapura, Distt.- Morena (M.P) – 476001- Grain based Distillery: 28 KLPD of Alcohol, Grain required:75-80 MT/day ,Area of Plot : 7.5 Acres, Khasra No.148,160,161,162,163, 165,166,167 At Village – Jafrabad, Teh.- Joura, Distt - Morena (M.P.)I. ToR issued vide letter no139 dt.03/06/112. ToR issued vide letter no08 dt.13/01/12(Place Change)For-EIA Presentation
Env.Consultant- Creative Enviro Services,Bhopal.**

This is a grain based distillery project. The project is covered under EIA Notification, mentioned at SN 5(g) of the schedule of the said notification. Hence the project is required to obtain prior EC under the provisions of the notification by the SEIAA. The PP was issued TOR to carry out EIA / EMP vide letter dated 13/01/2012. The final EIA/EMP report was forwarded by the SEIAA to SEAC for appraisal and recommendations. The salient features of the project with EIA, EMP and Public Hearing issues was presented by the PP and his consultant before the committee in this meeting. The presentations and the submissions made by the PP & his consultant reveals following:

Salient Features of the project:

Name of the Project	Proposed Grain Based Distillery (28 KLD) with IMFL Bottling (5000 cases per day) and Co-generation Power Plant (1.5 MW)
Location of the Plant	Khasara no : 411, 412, 416, 417, 418, 419, 420, 429, 430, 431, 432, 434, 434/1012, 435, 437, 438, 440, 441, 442, 456, 545, 546, 548 Village- Imliya, Tehsil & Dist Morena (MP)
Total Project Cost	Rs. 48.62 Crore
Cost on the pollution control equipment	Rs 713.50 Lacs
Recurring cost on environment protection	Rs 25.85Lacs
Total Employment Generation	150

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Total land	15 acres (60703 sq mt)
Public Hearing	03.05.2012
Promoters	M/s J. J. Distillers & Beverages Pvt. Ltd. Morena (MP)
Site Address	Village – Imliya, Tehsil & Dist : Morena (MP)
Cost of Project	48.62 Crore
Grain Requirement	82 MT/Day
Boiler capacity at MCR (100% Load)	14 TPH
Steam Requirement	288MT
Fuel	Coal (70TPD) /Biomass (95TPD)
Supplementary Fuel	Dry solids
Roller Mill Capacity	10 MT/Hr
Fresh Water Requirement	416 KL per day
Source of water	Ground water
Power Requirement	1250 KVA or 1 MW
Stack Height	45 mt
Source of Power	Cogeneration –1.5MW power plant and MP State Electricity Board
Alternative Source of Power	DG set of 500 KVA
Grain Storage Silo	5000 MT capacity

- PP has submitted following documents: NOC from Forest Depatt, Land Ownership Document , NOC from Nagar Palika, Morena and NOC from Gram Shabha.
- PP has proposed following CSR plan:
 1. Drinking water projects at nearby 06 villages namely
 - Imliya
 - Firozpur
 - Lalarkalan
 - Mudiakheda
 - Ganj Rampur
 - Radhupura
 2. Improvement in existing Educational facilities: By providing infrastructure, drinking water cooler, fans, solar lights, scholarship and promotional and motivational programmes for children, computer education
 3. Other community services: This will include provision of toilets, community hall at village Imliya, Lalrkalan, Firozpur, Parks and solar street lights in villages, medical check up camps and immunisation camps, mobile medical services, provision of ambulance
 4. Women and youth development programme shall include: Vocation training and animal husbandry training programme
 5. Agricultural activities shall include- Training on better crop yield, provision of high quality seed etc
The above programme is proposed to be taken up on annual and need base. Primarily Rs 5 lacs shall be provided under CSR activity, which may increase depending on the requirement of activity.

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• **Land Area Statement**

Particulars	Total Area (Sq. mt.)
Proposed construction including Road area	16000
Centrifuge & Multi effect Evaporation System	1400
Green Belt	20032
Open Land	23271
Total Land	60703

• **Environmental Features reported within 10 km Radius:**

S. No.	Particulars	Details
1	Latitude	26°32'34.98" N
2	Longitude	78°00'26.62" E
3	Height above mean sea level	170-169 AMSL
4	Nearest Town	Morena- 4.0 km
5	Nearest Railway Station	Morena - 4.0 km
6	Nearest Airport	Gwalior - 35 km
7	Nearest Highway	SH-2- 3.5km - SE
8	Nearest Village	Imalia- 0.6km- NEN
9	Hills/Valley	None in 10 km radius
10	Ecological Sensitive Zone	None in 10 km radius
11	Reserve Forest	None in 10 km radius
12	Historical Place	None in 10 km radius
13	Nearest River/ Nalla	Asan Nadi - 9.0km - SSE Chambal Main Canal - 3.75km - NW Morena Branch Canal - 6.5km - SE Kunwari Nadi - 1.0km - SW
14	Annual Climatic Conditions	Max. Temperature - 47.0 °C Min ^m Temperature - 4.0°C

• **Manufacturing Process**

Milling

- In this operation grain is crushed or broken by hammer mills to respective size before passed on for slurry preparation. Sized flour is weighed and taken for slurry preparation sizing is done through vibrating screens.

Slurry Preparation/Liquifaction:

- The starch in grains is a poly-saccharide, which is a longer chain molecule and has got to be broken into smaller chains, mono-saccharides and disaccharides, for effecting the fermentation possible. As yeast can ferment only simpler forms of sugar, starch is first hydrolyzed by using enzymes, dilute acids and chemical agents. Grain flour is fed to a slurry tank, where water and enzyme stabilizing chemicals are added. After thorough mixing the slurry is passed through a hydro heater where steam is injected for gelatinization. The gelatinized mash is passed through a retention coil for completing the gelatinization and taken to a flash vessel. The vapors from the flash vessel are condensed and the condensate is reused for pre heating the slurry in the slurry tank.
- The mash is transferred to a liquifaction vessel with stirrers from the flash vessel, where the temperature is maintained for a certain period. This mash is passed through plate type or spiral type heat exchanges and transferred to pre saccharification tank, where saccharifying enzyme (Glucosidase) is added. This process initiates the formation of fermentable sugars. Long chain molecules are broken down to shorter chain molecules, mono saccharides and disaccharides.

Yeast propagation:

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- In the grain fermentation, it is preferable to use cultured yeast than bakers yeast to contain contamination. Care is taken for culturing healthy yeast cells and respective laboratory provisions. For culturing yeast same mash is used in SS Vessels to prevent contamination. Preferably fermenters and pre-fermenters are made of S.S. with polished inner surfaces.

Fermentation:

- In this process the fermentable sugars are converted into alcohol and carbon di oxide. The partially saccharified mash is transferred to fermenters through wide gap plate type heat exchangers for maintaining the right fermentable temperature. The cultured yeast is also added to fermenters along with certain nutrients and fermentation is activated. Normally one cycle from slurry preparation till the completion of fermentation takes 72 hours of time approximately. Periodical laboratory tests are conducted to assess the sugar conversion. In this process saccharification and fermentation take place simultaneously. The alcohol concentration may go as high as 10% once the fermentation is complete. The batch is allowed for certain period for the yeast sludge to get settled at the bottom of the fermenters. Then the fermented wash from the top is decanted into a beer well, which is a wash holding tank prior to distillation. The yeast sludge is drained and, if needed, can be passed through an R.O. process just to extract more beer out of it. The yeast sludge can be dried and may be used as poultry feed.

Distillation:

- The fermented wash is preheated through a wide gap plate type heat exchanger where the hot medium is the distillery effluent coming out of the analyzer column and passed through degasifying column and analyzer column. The vapour from analyzer is passed into the rectifying column where the vapour is concentrated and condensed in condensers, coolers and collected in receivers as rectified spirit. A simmering column is also added in the process to separate any trace of methanol content from the rectified spirit. Aldehyde columns and fusel oil columns are also provided to separate aldehydes and fusel oil from the main spirit.

Proposed Pollution Control Measures

• **Proposed Air Pollution Control Measures**

- Multicyclone followed by bag filter shall be provided at stack of boiler to control the emission below 150 mg per cubic meter.
- Adequate stack height of 5m above roof will be provided for the DG set.
- Green belt development along with the construction phase toward village side i.e. NE direction with 30 mt width along the boundary.
- Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission.
- In order to ensure that the fugitive dust emissions due to transportation activity as low as possible, all the roads within the plant areas must be asphalted.
- All the unpaved roads as well as paved roads, must be sprinkled with water.
- Plugging all leakages and enclosing storage and material handling systems.
- Open storage piles shall be enclosed by providing green belt.
- All concerned workers shall be provided with air mask or other similar safety measures etc.
 - Screen House shall be totally enclosed with brick-sheet walls and covered with sheet roofing
 - Transfer Points shall be provided enclosures or dry extracting system.

S N	Pollution Control Equipments	Description
1	Bag Filter	The necessary Bag filters shall be provided at Boiler stack having height of 45 mt to control the air pollution and to meet the norms fixed by State Pollution Control Board.
2	Coal Storage and Handling	Coal will be conveyed by road and it will be unloaded and stored in the long covered shed. Coal will be fed in the hopper by cranes and will be transported to Power Plant by belt conveyor. Water

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		sprinklers will be provided over the belt conveyors to prevent any fugitive emission during handling of coal. Bag filterers will be provided at vibrating screen and crusher area and transfer tower.
3	Handling of fly ash generated from TPP	The quantity of fly ash from the flue gases of the different zones viz furnace, bank tubes, economizer & Bag filter will be collected and conveyed to common bunker by Dense Phase conveying system. The fly ash from the common bunker will be conveyed to silo. The whole system is totally enclosed and no emission will be generated. The common bunker of fly ash will be provided with pulse jet bag filter.

• **Water Pollution Control Measures**

- There will not be generation of industrial effluent as zero discharge technology shall be adopted for treatment of effluent. Zero discharge treatment system with a basic principle of concentrating/evaporating the effluent will be adopted.
- Decantation section will comprise of centrifuge decanter for separation of suspended solids from spent slops coming out of distillation plant. Wet cake will have 30-35% w/w solids as removed from bottom of decanter and will be taken to dryer for making DDGS. Thin slops coming out from decanter will be collected in a tank and transferred for part recycle & further for evaporation. after evaporation, solids will be mixed with wet cake and used as cattle feed. Condensate will be recycled back into the process.
- The total process will be carried out under vacuum and the vapors generated in the system will be re-used to economize steam consumption through thermal vapor recompression system. The water is recovered from the evaporation is colorless and it can be recycled in the plant (dilution of slurry, cooling tower, floor, washing plantation etc.) and the resultant slurry is passed through Force circulation finisher for 50-55% concentration. Resulted 50-55% concentrated spent wash is sprayed at the incinerator, where the water is evaporated and dry matter is burnt.
- Considering the slop of site i.e. SW direction and direction of Kunwari River, it is suggested to create settling tank in SW direction and storm water shall be taken to tank through storm water drainage system Further enough space should be left between the main plant and boundary in SW direction of the site with green belt of 50 mt width

• **Mitigation Measures for Noise Environment**

- Walls and ceilings of the concerned buildings shall be lined with sound absorbing materials.
- Properly insulated enclosures shall be provided to staff working close to the high noise sources.
- Noise attenuating devices like ear plugs and ear muffs shall be provided to the workers exposed to high noise level.
- The siren for shift change shall be adjusted to different levels during day and night i.e. the sound level difference between day and night should be a minimum of 10 dB(A).
- Sufficient green belt shall be maintained around the plant.
- Regular monitoring of noise level shall be carried out and corrective measures in concerned machinery shall be adopted accordingly.
- Silencers shall be provided in the areas generating high noise.
- Proper care shall be taken by incorporating sound-proof enclosures for equipments and providing earmuffs and earplugs for operators.
- D.G. Set shall have enclosed in a proper acoustic enclosure to reduce the noise emanating from it.
- Maintenance of machinery & vehicles will be done in a sustainable manner to ensure best performance and less noise.
- Vehicles shall not be allowed to queue outside the plant. Vehicle and people flow during shift changes shall be regulated by allowing exits in a phased manner.
- Moreover, continuous exposure in noise generating units shall be avoided. Workers will be subjected to regular medical examination for any symptoms of hearing loss.

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Odour Management

Sources

- Typical odour compounds in distillery are alcohol, acetic acid & H₂S.
- Odour may be caused due to bad management of fermentation house, long retention of fermented wash, unattended drains. MEE is proposed for the subject project instead of conventional treatment system.
- Better housekeeping by regular steaming of all fermentation equipments.
- Use of efficient biocides to control bacterial contamination.
- Control of temperature during fermentation to avoid in-activation / killing of yeast.
- Avoiding storage of fermented wash.
- Regular use of bleaching powder in the drains to avoid generation of putrefying micro-organisms.
- Sugandit and avenue plantation around the grain storage, fermentation area and along the boundary toward down wind direction.

Solid Waste Management

Type Of Waste	Quantity	Storage	Utilization/ Disposal
DDGS	38-39 TPD	Covered shed	Sold as cattle feed directly
Boiler ash	15-20 TPD	Silo	Brick making
Yeast Sludge	1-2 TPD	Pits	Cattle feed
Waste papers/Boxes	0.6 T.P.D.	Covered shed	Sale to recyclers
Used Oil	< 50 lt per year	HDPE drums in covered shed	given to re-processor authorized by MPPCB/MoEF

Occupational Health and Safety System

The following measures are proposed to prevent occupational diseases and health hazards.

- Pre - employment and periodic medical examination of employees.
- Regular monitoring of working environment and implementation of safety and control measures.
- Use of protective equipment, clothing, helmets, gas mask, shoes, etc.
- Provision of rest shelters for workers/staff with amenities like drinking water, fans, toilets etc.
- Rotation of workers exposed to high noise area
- Dust suppression of road
- First-aid facilities in the plant area.
- The management shall make annual budget for the safety and health of their employees and provide sufficient facilities in order to implement the health and safety measures effectively.
- A safety committee under MP Factory Rule 1962, will be constituted.
- Emergency Plan duly approved by the Director, Industrial Health and Safety will be updated periodically.

Water Balance as reported in the Project

Inputs			Outputs		
Process Water In LIQN & Fermentation	257	m ³	Steam Condensate	167	m ³
Dm Water For Rs Dilution	255	m ³	Spent Lees Pr	32	m ³
Dm Water For Boiler Feed	192	m ³	Spent Lees Rectifier	255	m ³
Soft Water For Analyser Flash Tank	54	m ³	Spent Wash (Grain Slops)	304	m ³
Soft Water For Vacuum Pump & Others	30	m ³	Soft Water For Vacuum Pump & Others	30	m ³
Blending (5000 Cases)	25	m ³	Water In IMFL Product	25	m ³
Bottle Washings	20	m ³	Bottle Washing	20	m ³
(Considering 65 KL/Hr Recycling)		m ³			m ³
Soft Water Makeup For Cooling Tower	220	m ³	CT Evaporation & Drift Losses	220	m ³

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Misc. Washing Water	20	m ³	Washing Water	20	m ³
Other Domestic Usage	10	m ³	Domestic Consumption	10	m ³
	1083	m³		1083	m³
Recycle & utilization streams					
Lees Recycle For Rs Dilution	230	m ³			
Steam Condensate Recycle For Boiler	134	m ³			
Spent Lees (Rect) - Cooling Tower Makeup	49	m ³			
Thin Slops Recycle To LIQN Process	74	m ³			
Process Condensate To Process	160	m ³			
Washing Water For Flour Washing	20	m ³			
Total Recycling /Re-utilisations Of Water Per Day	667	m ³			
Total fresh water input	416				

Public Hearing – proceeding were discussed in detail. The PH panel has recommended the project.

After deliberations committee has recommended the project for grant of prior EC subject to following special conditions:

1. Industry shall install MEE for treatment and disposal of effluent. Zero discharge shall be maintained.
2. The EC shall be valid for production of spirit from grain only. Molasses based distillation shall not be allowed under any circumstances.
3. Fresh water demand shall not exceed 416 KL per day and quantity of spent wash shall not exceed 304 KLD.
4. Only non-edible grains shall be used for fermentation.
5. Industry shall install bag-house in boiler to maintain the emission level of particulate matter below 50 mg/Nm³.
6. Solid waste generated from the process shall be used as cattle-feed.. Industry shall explore the possibility to make it available to the local farmers/people also.
7. Infrastructure for the rain water harvesting as proposed shall be installed along with the main construction activity.
8. Industry shall take effective measures to control the odour nuisance ..
9. Industry shall comply with the provisions of CREP Charter.
10. Dense plantation shall be taken up in at least 33% of total plot area.
11. Under community services: the PP shall provide toilets, community hall at village Imliya, Lalrkalan, Firozpur, Parks and solar street lights in these villages.
12. Industry shall obtain permission from CGWA for abstraction of ground water.

Discussion on the query response submitted by the PP and other miscellaneous projects

1. **Case No. 45/2008** [Ref: SEIAA Letter No. 686 Dt. 31/07/12 M/s Girija Colonizer Shri Promod Maheswari, General Manager, Special Project, Dwarka Sadan, Bhaskar Lane, jayandra Ganj , Gwalior (M.P.) Mall Multy plex at old MPSRTC Workshop, Khasra No. 524, 525, 529, 530 & 531 Race Course Road, Gwalior (M.P.).

The project pertains to category 8(a) and was appraised by the SEAC based on the information provided by the PP in application form-1 and form 1(A). The project was presented before the committee on 30/05/2008 and recommended for EC after query presentation on 24th September, 2008. The project was returned from SEIAA for want of permission from CGWA for abstraction of GW and Building permission from Municipal Corporation Gwalior. The requisite information has been submitted by the PP to SEIAA and the same was forwarded by the SEIAA for further necessary action in the matter. The building permission submitted by the PP is old; however the same has to be renewed. The water requirement in the project is reported to be 183 KLD; in this regard PP has

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submitted a permission from CGWA for abstraction of 40 KLD ground-water and letter of intent from Gwalior Municipal Corporation for supply of 200 KLD water. As all other aspects of the project have already been examined by the SEAC in the earlier meetings as referred above, committee decided to send back the case to SEIAA with earlier recommendation for grant of prior EC subject to the following special conditions:

1. Total fresh water requirement shall not exceed 183 KLD.
2. The waste water quantity shall be to the tune of 140 KLD (maximum).
3. STP based on Contact Aeration System and Multi-media Filtration system shall be installed, along with the other construction activities.
4. Capacity of the proposed STP to treat waste-water shall be 175 KLD.
5. The height of the building shall not exceed 20.9 m above the ground.
6. MSW generated from the activity shall be collected and disposed off as per the provisions of MSW Rules 2000. PP shall submit the agreement with Gwalior Municipal Corporation for disposal of MSW.
7. Use of Solar Energy shall be ensured for hot-water and emergency lighting in the building premises.
8. In addition to the above the other terms & conditions as applicable to the building / construction projects shall be applicable to this project also.

2. **Case No. 676/2012** [Ref: SEAC Qry. From 92 Meeting Dt. 09/04/12] **Sh. Sachin Upadhyay, M/s "Shalimar Swayam" of Coral Infrastructure Pvt. Ltd. , 210, Shalimar Corporate Centre, 8-B, South Tukoganj, Distt. – Indore (M.P.) – 452001 - " Shalimar Swayam " of Coral Infrastructure Pvt. Ltd. at Khasra No. 4/1, 4/3, 4/4, 5/2, 6/1, 6/2, 6/3, 9/2, 9/3, 9/4, 10/4, 10/5, 10/6, 10/7, 10/8, 10/9, 11/1, 11/2, 11/3 Village – Kabir Khedi ,Tehsil – Indore, Distt. – Indore (M.P.) Total Land Area – 10. 587 ha. (105891.00 sq. mt.) , Total Built Up Area – 93,363.90 sq.mt.**

The project was discussed in the 92nd Meeting of SEAC whereby the PP was asked to submit response on the following queries along with the supporting documents:

- ❖ Following details of the Nalla passing near the proposed site have to be furnished: HFL of the nalla, dimensions of the nalla with cross-section, starting and termination point of the nalla marked on a topo-sheet.
- ❖ Lay-out map showing green area to be furnished.
- ❖ Plan to prevent any seepage, over-flow or run-offs from the township into the nalla have to be furnished.
- ❖ Commitment from the concerned authority for supply of water for the project to be furnished. As use of ground water has been proposed hydrogeology report of the area has to be submitted.
- ❖ Quantity and source of water required during construction phase has to be furnished with supporting documents.
- ❖ Location of proposed ground water abstraction point and the STP to be marked on lay out map and submitted.

Above information with supporting documents was submitted by the PP the same was placed before the committee for perusal and comments. After examination of the documents and earlier submissions made by the PP the committee was satisfied with the EMP and other environmental aspects proposed in the project, hence decided to recommend the case for grant of prior EC subject to the following special conditions:

1. Total fresh water requirement shall not exceed 862 KLD with total water demand not exceeding 1400 KLD.
2. Water Consumption shall be minimized through:
 - Use dual flush system, Auto flushing sensors for urinals
 - Efficient Plumbing Fixtures
3. STP based on Contact Aeration System and Multi-media Filtration system shall be installed, along with the other construction activities.

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(R.K. Jain)
Member Secretary

4. Capacity of the proposed STP to treat waste-water shall be 1030 KLD.
5. Solid Waste will be handled as per the provisions of Municipal Solid (Management & Handling) Rules, 2000
6. MSW generated from the activity shall be collected and disposed off as per the provisions of MSW Rules 2000. PP shall submit the agreement with Gwalior Municipal Corporation for disposal of MSW.
7. Use of Solar Energy shall be ensured for hot-water and emergency lighting in the building premises.
8. In addition to the above the other terms & conditions as applicable to the building / construction projects shall be applicable to this project also.

3. Case No. 681/2012 (Ref: 101stSEIAA Meeting Dt. 27/07/12) SEIAA Letter No. 768 Dt. 07/08/12- Mr. Rakesh Singh Kushwaha, Director, "MK CITY" of M/s Elixir Infrastructure India Pvt. Ltd., HIG- 194, Madhav Nagar, Gwalior (M.P.) – 474002 - "MK CITY" of M/s Elixir Infrastructure India Pvt. Ltd. at Vill.- Sirol, Teh.- Morar, Distt. – Gwalior (M.P.) Khasra No. 18/Min-1k, 23/min-2, 25/Min-1, 30/Min-1, 82/ Min-1, 21/Min-1, 26/Min-1, 21/Min-2, 26/Min-2, 82/2/G, 21/Min-3, 22, 23/Min-1, 25/Min-2, 26/Min-3, 30/Min-2, 18/Min-1, 21/Min-4,82/1 Min-2, 82/2 Total Land Area – 16841.88 sq. mt. , Total Built Up Area of all Tower = 43,013.53 sq.mt.

PP has submitted a resolution declaring that some construction was initiated at site taking cognizance of the policy decision of SEIAA (62nd meeting of SEIAA) regarding the projects consisting construction less than 1, 50,000 m². The PP has also committed that the activities have been stopped at site and no further violation shall be committed. The case has been sent back by SEIAA for comment on the issue.

After examination of the facts it was decided by the committee that a report of the status of the project may be obtained from the MPPCB.

4. Case no. 488/2009 [Ref: Query regarding 89th SAEC meeting dated 14/02/2012]

M/s G.C. Gupta, Madan Mohan Choubey Ward, Distt.- Katni (M.P.) – 483501, Ronsara Bauxite, Laterite, Fireclay, Redochre & Yellow Ochre Mine 9.250 ha. at Village Ronsara, Teh- Sihor ,Distt-Jabalpur -(M.P) ToR issued vide letter no 142 dt. 18/02/10.

Detailed presentation of the project was made before the SAEC in the meeting dated 14/02/2012. Whereby the committee has asked the PP to furnish information to the following queries with supporting documents:

- Certification from Gram Sabha has to be submitted regarding availability of grazing land in the village.
- Protective measures have to be submitted for protection of village pond.
- Details of public roads passing across the lease area have to be reported along with a proposal for by-pass roads for the public to be submitted.
- No. of trees have been reported in & around mining lease area; PP has to submit details of these along plan for cutting any of the trees (if proposed).
- Analysis of ground water of the region to be submitted.
- Summary of EMP as approved by the SEAC along with yearly Env. Monitoring Program with budget to be furnished.
- To submit an undertaking regarding data authenticity and owning the contents of EIA report as per OM dated 05/10/2011.
- Copy of executive summary of EIA.
- It is reported that the lease of the mine has been deemed; a copy of letter issued from mining department to be submitted in this context.

All query responses submitted by the PP were found satisfactory, but the renewed mining lease is yet to be submitted. Committee has decided to obtain renewed Mining Lease from the PP before recommending the project. PP has submitted that the lease shall now be renewed only after grant of prior EC as per the directions of Hon'able Supreme Court. It was decided by the committee to ask PP

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to submit detail reply from the concerned authority stating cause of delay in renewal of lease from Mining Department along with supporting documents.

5. Case no. 703/2012 - 96th SEAC meeting dated 13/06/2012 M/s Opal Developers Shalimar house, Malviya Nagar, Rajbhawan Road-Bhopal-M.P. Residential project at At Khasara No.; 429, 430/1, 400/2, 401/2, 431/1/2, 431/1/3, Bawdia Kalan, Tehsil- Huzur. Bhopal (M.P.)

Detailed presentation of the project was made before the SAEC in the meeting dated 13/06/2012. Whereby the committee has asked the PP to furnish information to the following queries with supporting documents:

1. The sewage / MSW generated from the existing project of the PP adjacent the proposed project site should be taken care along with the sewage / MSW expected from this project.
2. Green belt may be taken up in two rows.
3. Copy of Partnership deed.
4. Notarized copy of approved lay out.
5. NOC from fire fighting department along with the distance of the site from fire-station to be furnished.
6. ROW of the approach road to be reported.

PP has submitted a satisfactory reply to the above queries along with the supporting documents. Other submissions made by the PP including the EMP were found to be satisfactory and acceptable hence committee decided to recommend the case for grant of prior EC subject to following special conditions:

1. Total fresh water requirement shall not exceed 206 KLD with total water demand not exceeding 310 KLD.
2. Water Consumption shall be minimized through:
 - Use dual flush system.
 - Efficient Plumbing Fixtures
3. STP based on aerobic suspended growth process and used in the secondary treatment effluent/sewage treatment plant shall be installed, along with the other construction activities.
4. Capacity of the proposed STP to treat waste-water shall be 300 KLD.
5. MSW generated from the activity shall be collected and disposed off as per the provisions of MSW Rules 2000. Necessary infrastructure will be developed for collection, storage and loading for transportation to disposal site . Pucca and rain protected storage for MSW of appropriate capacity will also be provided. PP shall submit the agreement with Gwalior Municipal Corporation for disposal of MSW.
6. Use of Solar Energy shall be ensured for hot-water and emergency lighting in the building premises.
7. DG sets with adequate stack height have to be provided as per CPCB guidelines. DG set will have inbuilt accoustic enclosure. DG set rooms shall also be made sound proof.
8. In addition to the above the other terms & conditions as applicable to the building / construction projects shall be applicable to this project also.

6. Case No. 200/2008 M/s Vindhyaachal Minerals, Village & Post- Dhamna, Tehsil-Rajnagar, Distt.- Chhatarpur (M.P.) Floor- Stone - 11.54 Ha. Capacity. - at Village - Lakheri, Tehsil-Rajnagar, Distt.- Chhatarpur (M.P.) – 40th dated 25/11/2009 and 95th SEAC meeting

PP has submitted all information along with the supporting documents. It was observed by the committee that the NOC issued by the DFO Chhatarpur state that the distance of site from the Panna Tiger Reserve is about 10 Km. It is noteworthy that the projects falling within 10 kilometers from the notified national Parks / Wild Life Sanctuaries belong to 'A' Category and have to be appraised by MoEF (GoI). Thus, committee decided to ask the DFO to intimate exact distance of Panna Tiger Reserve from the proposed site.

The information submitted by the PP is still not clear hence a reminder letter to concerned DFO may be written in this regard with a copy to the PP.

7. Case no. 683/2012 – [Ref: Query from 97th SEAC meeting dated 14/06/2012]

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" SUMER SAFFARON HOMES" of M/s Sumer Builders Pvt. Ltd., 41, Gorani Compound, Near RTO, Opp. Lokmanya Nagar, Kesar Bagh Road - Indore, Distt. Indore (M.P.) - " SUMER SAFFARON HOMES" of M/s Sumer Builders Pvt. Ltd. , Khasra No. 1487/1 & 1487/2, Patwari Halka no. 15/2 Village/ Town - Indore , Teh. – Indore, Distt. – Indore (M.P.) Total Land Area – 41,600 Sq.m.Total Built Up Area – 83200.0 sq mt - **Building Construction Project**

The project was discussed in the 97th meeting of SEAC dated 14/06/2012, whereby the PP asked to submit response with supporting documents to the following queries raised by the members:

1. NOC from fire fighting department.
2. The parking area calculation have to be compared with the prescriptions of MoEF and to be submitted accordingly the lay out has to be revised / approved.
3. Provision of play ground other than the proposed park has to be made in the plan; accordingly plan has to be submitted.
4. Regarding disposal of STP sludge it was suggested by the committee that the same may be filter-pressed and the dried sludge can be disposed off with MSW; accordingly a plan has to be submitted.
5. Provisions for physically challenged persons have to be made so that they can reach their flats / parking comfortably.
6. Used oil from DG sets has to be collected and disposed off as per the provisions of hazardous waste rules.
7. Copies of permission / undertaking from competent authority to be submitted regarding supply of drinking water for the project.
8. Quantity of water and its source during construction phase to be submitted along with the supporting documents.
9. Details of corpus fund for operation and maintenance of STP, MSW and other environment related works to be furnished.

PP has submitted the response to the above queries along with the supporting documents which were placed before the SEAC for perusal and comments. After examination of the submitted response of PP and based on the earlier submissions and presentations made by the PP it SEAC is of the opinion that the EMP and other submissions are satisfactory and acceptable hence the case may be granted prior EC subject to the following special conditions:

1. Total fresh water demand shall not exceed 751 KLD (554 KLD for residential & 197 KLD for Mall).
2. Water Consumption shall be minimized through:
 - Use dual flush system.
 - Efficient Plumbing Fixtures
3. STP based on aerobic suspended growth process and used in the secondary treatment effluent/sewage treatment plant shall be installed, along with the other construction activities.
4. Capacity of the proposed STP to treat waste-water shall be – For residential 390 KLD & for Mall 80 KLD. The sludge from the STP should be filter-pressed and the dried sludge can be disposed off with MSW
5. MSW generated from the activity shall be collected and disposed off as per the provisions of MSW Rules 2000. Necessary infrastructure will be developed for collection, storage and loading for transportation to disposal site . Pucca and rain protected storage for MSW of appropriate capacity will also be provided. PP shall submit the agreement with Indore Municipal Corporation for disposal of MSW.
6. Use of Solar Energy shall be ensured for hot-water and emergency lighting in the building premises.
7. DG sets with adequate stack height have to be provided as per CPCB guidelines. DG set will have inbuilt accoustic enclosure. DG set rooms shall also be made sound proof.
8. In addition to the above the other terms & conditions as applicable to the building / construction projects shall be applicable to this project also.

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8. **Case no. 553/2010 Smt. Manju Singh (Legal heir of Late Shri Gopal Sharan Singh) Gali No. 1, Pushpraj Colony, Distt. - Satna (M.P.)—485001 - Rewra Limestone Mine Area- 40.09 ha. (Area Reduce from 99.06 Acers (40.09 ha.) to 59.06 Acres (29.90 ha.) Capa. - 5, 00,000 TPA at Village- Rewra, Tehsil. - Raghurajnaragar, Distt.-Satna (M.P.)**

For extension of validity of ToR with amendment

- **Original ToR was issued vide letter no. 428 dated 26/06/10**
- **Followed by amended TOR vide letter no. 58 dated 15/03 /2012.**

PP wishes to extend the validity of original TOR for one year with inclusion of sizing unit (crusher) in the lease area boundary. It was observed by the committee that the project was issued an amended TOR vide letter dated 15/03/2012 accordingly the maximum validity of the said TOR shall be 14/03/2014. Also it was observed by the Committee that PP wishes to install a crusher in the lease area for sizing of the mineral which was not proposed earlier. Based on the submissions committee has accepted the request of PP with inclusion of following points:

- EIA report should include the expected pollution induced due to the sizing unit with impacts and the impacted zone.
- The mitigation measures proposed to minimize the pollution from the crusher should be appropriately addressed.
- Environmental impacts due to transportation of material to & from site have to be dealt in depth.
- Provisions made to avoid possible impacts on the nearby habitation due to transportation have to be provided.
- The validity of this TOR shall be for a maximum period up to March 2014.
- Other terms and conditions of the TOR issued vide latter dated 26/06/2010 shall remain unaltered.

9. **Case no. 717/2012 Shri Mukesh Kumar Gupta, Director, M/s Lakshmee Stoni Marmo Pvt. Ltd. R/o 325, Samta Colony, Raipur (C.G.)_Lease Renewal of Kachhargaon Marble block quarry lease, Khasra No. 541, 548, Village - Kachhargaon, Tehsil – Bahoriband, Distt. – Katni (M.P.) Lease Area- 9.31 ha. Proposed Capacity – 15,000 Cubic Meter/Year**For ToR****

It was informed by the PP that Shri Mukesh Kumar Gupta, is now no longer the Director of the company. After examining the records submitted by the said company it was observed by the committee that-

- The lease-agreement of the proposed mine is in name of M/s Lakshmee Stoni Marmo (P) Ltd. Director Shri Mukesh Kumar Gupta S/o Shri Vishwanath Prasad Gupta.
- Further it is not yet clear that who will be the responsible proponent from the company in place of Shri Mukesh K Gupta.
- All the documents submitted have been signed by Shri Gupta.
- The identity of the person forwarding the request letter from the Company regarding resignation of Shri Gupta from company is not known.
- Details of registration with concerned department are also not available in the records.
- The TOR to carry out EIA has been approved by SEAC earlier in the meeting dated 24/07/2012 in name of Shri Mukesh Kumar Gupta.

In view of the above committee has decided not to make any change in the name of PP till obtaining clarity on above issues.

Public Hearing Proceedings received from the SEIAA

10. **Case no. 398/2009 Shri Suresh Singh Rajput, Chairman, Ganesh Khaivariyan Kamgar Udyag Sahakari Samiti Station Road Banmore Distt. Morena (M.P) – for EIA presentation Flag-stone 10.0 Ha at Khasra No. 579, 580, 583/2, 584, 585, 586, 587, 588 and 592 Village- Mahatoli, Distt.- Morena (M.P). [Env. Consultant: Creative Enviro Service, Bhopal.]**

The case was recommended by SEAC in its 82nd Meeting dated 13th October 2011. SEIAA

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considered the case in 75th meeting dated 14.12.2010. Whereby SEIAA asked to conducted public hearing again in close proximity of the proposed mining site as the earlier public hearing was conducted from 23 km away from the site. The received proceedings of the public hearing reveals following:

- The repeated Public Hearing was conducted on 04.04.2012 at Khel Maidan village- Mahatoli, Tehsil & District Morena (MP). Copies of the proceedings of public hearing were forwarded to SEAC by SEIAA for comments on the same. 29 people attended the public hearing and no adverse comments from public have been observed in the minutes of public hearing.
- The PH panel has pointed out that earlier the District Collector has recorded his disagreement stating that the mining shall cause pollution in the region; in this context the panel has added that further action in the matter may taken up keeping in view the above comments of the Collector from earlier public hearing.
- However, the issues raised by the Collector earlier were resolved through an inspection by a Joint Committee constituted by the Collector comprising local authorities, Officers from Pollution Control Board and Collectorate. The Joint Committee visited the site and the report was submitted to the SEAC. The Joint Committee has recommended the project for issue of prior EC. (Minutes of 82nd meeting of SEAC may please be referred)

The project file has already been forwarded to SEIAA with recommendations hence it was decided by the committee that the papers of the Public Hearing proceedings in original may be forwarded to SEIAA for further necessary action in the matter.

11. Case no. 397/2009 Shri Deepak Sharma, Girraj Shramik khanij Sahakari Sansthan Maryadit, Mahatoli, Distt. Morena (M.P) – for EIA presentation - Flag Stone Quarry (10.0 Ha.) at Khasra No. 572, 574, 575/576, 577 578, & 580/2 Village- Mahatoli, Tehsil - Morena, Distt.- Morena (M.P.) [Env. Consultant: Creative Enviro Service, Bhopal.]

The case was recommended by SEAC in its 82nd Meeting dated 13th October 2011. SEIAA considered the case in 75th meeting dated 14.12.2010. Whereby SEIAA asked to conducted public hearing again in close proximity of the proposed mining site as the earlier public hearing was conducted from 23 km away from the site. The received proceedings of the public hearing reveals following:

- The repeated Public Hearing was conducted on 04.04.2012 at Khel Maidan village- Mahatoli, Tehsil & District Morena (MP). Copies of the proceedings of public hearing were forwarded to SEAC by SEIAA for comments on the same. Some 44 people attended the public hearing and no adverse comments from public have been observed in the minutes of public hearing.
- The PH panel has pointed out that earlier the District Collector has recorded his disagreement stating that the mining shall cause pollution in the region; in this context the panel has added that further action in the matter may taken up keeping in view the above comments of the Collector from earlier public hearing.
- However, the issues raised by the Collector earlier were resolved through an inspection by a Joint Committee constituted by the Collector comprising local authorities, Officers from Pollution Control Board and Collectorate. The Joint Committee visited the site and the report was submitted to the SEAC. The Joint Committee has recommended the project for issue of prior EC. (Minutes of 82nd meeting of SEAC may please be referred)

The project file has already been forwarded to SEIAA with recommendations hence it was decided by the committee that the papers of the Public Hearing proceedings in original may be forwarded to SEIAA for further necessary action in the matter.

The meeting ended with thanks to the Chair.

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