

The meeting conducted on 13th December, 2011 was presided by Shri S.C. Jain, Chairman. Following members attended the meeting-

Shri K.P. Nyati, Member
Prof. V. Subramanian, Member
Dr Mohini Saxena, Member
Shri A.P. Srivastava Member
Shri V.R. Khare Member
Shri R.K. Jain, Member Secretary

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

1. Confirmation of minutes of 83rd & 84th meetings of SEAC dated 8th & 9th November 2011

The minutes of 83rd & 84th meetings of SEAC dated 8th & 9th November 2011 were confirmed and approved.

2. Policy decision: It was observed by the committee that as per the Appendix-V of EIA Notification Final EIA Report and the other relevant documents submitted by the applicant has to be scrutinized in office of SEIAA within 30 days from the date of its receipt by the Authority with reference to the TOR and the inadequacies noted has to be communicated electronically or otherwise in a single set to the Members of the SEAC enclosing a copy each of the Final EIA Report including the public hearing proceedings and other public responses received along with a copy of Form -1or Form 1A for considering the proposal . Hence committee decided that no EIA reports shall be accepted directly by the Member Secretary SEAC.

3. Discussion on decision of Hon'able High Court pertaining to Sand mining projects:

TOR has been issued to more than 100 sand mining projects, no EIA reports / Public Hearing proceedings have been received by SEAC so far. Meanwhile, directions from Hon'able High Court have been received stating that the provision of Environmental Laws are not applicable on the sand & Bajri quarry leases in view of R.49 of the M.P. Minor Minerals Rules. In view of the same committee decided to refer the cases to SEIAA for further line of action in the matter.

4. Consideration of the Projects

1. 08 cases were invited to make presentation before the SEAC.
2. Query reply received from the proponents was also discussed in the meeting.

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Deliberations:

- 1. Case no. 496/2009** M/s Shri Shakeel Ahemad Khan, S/O Shri Abdul Aziz Khan, Mitha Ramji ka Kheda Post Office Colony, Pratap Nagar Chhitorgarh (Rajasthan) Laterite Mine 10.2 HA at Village Guradia Deda Tehsil & District – Mandsaur TOR issued vide letter 154 dated 18/02/2010 -EIA Presentation - Env. Consultant- Apex Mine-tech, Udaipur (RJ)

Neither the PP nor his 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. Committee decided to consider the case in the next meeting as per turn.

- 2. Case No. 604/2010** M/s Khatri Minerals & Mining Co. 365, South Motinalla, Hanumantal, Jabalpur (M.P.)-03 - Iron Ore Beneficiation Plant at Khasra No. 225/1, 227/3, Vill.-Siluajhansi, Teh.- Sihora, Distt.-Jabalpur (M.P.) Capa.- 70000 TPA Presentation for ToR - Env. Consultant: Creative Environ Services Bhopal

Neither the PP nor his 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. As this was the last chance granted to PP for hearing, committee decided to return the case to SEIAA for delisting assuming that the proponent is not interested to continue with the project.

- 3. Case no. 655/2011 - Mr. Mahendra Bulchandani, Partner, M/s Rishikesh Nirman Colonizers Developers, E-2/68, Ist Floor, Arera Colony, Bhopal (M.P.) – 16 - Group Housing Project " The Bellaire" at Khasra No. 471/2, 471/2/1 & 471/3, 503/1/2/3, 503/1/2/3, 503/1/1/4, 503/1/1/6, 503/1/1/5, 503/1/2/2, 503/1/1/3, 503/1/2/4, 503/1/1/2, 474/1/1 Village – Gondermou, Tehsil - Huzur, Distt.- Bhopal (M.P.) Plot area – 33,155.73 m², Built Up area – 48,967 m²- Building Construction Env. Consultant: Grass Roots Research & Creation India (P) Ltd. Noida (U.P.)**

Building and Construction projects with area ≥ 20000 m² and $< 1,50,000$ m² of built-up area are covered under the Schedule of EIA Notification 2006 in category B at S.N. 8(a). Therefore are required to be appraised by the SEAC.

It is a case of construction of township. Documents submitted by the PP and the presentation made thereafter reveal following:

S. NO.	PARTICULARS	AREA (m ²)
1	Plot Area	33155.73
2	Permissible Ground Coverage (@ 30%)	9946.719

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3	Proposed Ground Coverage (@ 24.42%)	8097.12
4	Permissible FAR (@ 1.25)	41444.66
5	Proposed FAR (@1.24)	41070.44
6	Stilt area	7897.43
7	Built Up Area	48967.87
8	Landscape Area (@ 30%)	9946.72
9	Convenient shopping area	1498.75
10.	Water Requirement	341.7 KLD
11.	Electricity Requirement and Source	3200 KVA (MPSEB)
12.	Power back-up	2000 KVA (8x250KVA)
13.	Total Population (Including EWS)	2080 Persons
14.	Solid waste Generation	1090.87 kg/day
15.	<u>Parking Proposed</u>	657 ECS
16.	Fresh water demand	178 KLD
17.	Total solid waste generation	1090.87 kg/day
18.	Type of the Building	Residential Apartments)
19.	Max. height of building	21 meters

Likely Impacts	Mitigations Proposed
<p>1090.87 kg/day of solid waste would be generated per day which can be categorized as follows:</p> <p>a) 50% bio-degradable waste b) 30% non-bio degradable c) 20% inert waste</p> <p>Periodic STP sludge</p>	<p>Adequate number of colored bins (green blue and dark grey) is proposed to be provided at strategic locations within the site.</p> <p>The solid waste will be segregated at source & collected.</p> <p>STP sludge (about 28 kg/day) is proposed to be used for horticultural purposes.</p>

Air Pollution Control (Operation Phase):- The major source of air pollution in the proposed project will be vehicular movement and DG sets. To combat air pollution (PM 10, SO₂, CO, HC and NO_x), development of green belt has been proposed and proper traffic management would be ensured. All the DG sets to be used during the construction phase will be low sulphur diesel. Stack height is proposed to be provided as per CPCB guidelines.

Construction phase - Seeding on the top of preserved top soil so as to prevent dust emissions from it. Wind breakers all along the periphery of the project site.

Energy Conservation in the Project – Green CFL based lighting is proposed in the

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common areas, landscape areas, signages, entry gates and boundary walls etc., Optimum use of skylights. DG sets shall be on auto cut and auto start controlled mechanism. Solar lighting is proposed for open spaces and signage. Materials for Doors and window which are poor heat conductor will be used. Use of Fly ash made bricks is proposed.

Documents submitted by the PP: Copy of Registry with Wrin-Pustika, NOC from Air-Port Authority, Approval from Town & Country Planning for 1.395 Ha only, Building permission for one part, Land use diversion for 1.2 Acres and 3.48 Acres. NOC from Fire department, Soil analyses report, Ground water analyses report, Ambient air quality & noise quality monitoring report and Conceptual Plan.

After deliberations committee was satisfied with the EMP and other submissions of the proponent and asked the proponent to submit following information with supporting documents:

1. Permission / Commitment from Bhopal Municipal Corporation for supply of requisite quantity of fresh water.
2. Land diversion certificate for complete land.
3. Fund allocation, its operation and commitments from the PP for execution of Environmental Management Plans and the required monitoring.

- 4. Case no. 656/2011 - Mr. Sanjay Goyal, President, 11/2 Meerapath- Indore (M.P.) – 452003 Building Construction - Group Housing Project " m/s Lakshman Nagar Griha Nirman Sahakari Sanstha Samiti " at Village – Khajrana, Kanadia Road Khasra No., Tehsil & Distt.- Indore (M.P.) Plot area – 5,99,226.89 m², Built Up area – 1,04,138.37 m² - Env. Consultant: Grass Roots Research & Creation India (P) Ltd. Noida (U.P.)**

Neither the PP nor his 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. However, request from the project proponent has been received for considering the case in the meeting scheduled for the next month.

- 5. Case No. 645/2011 – M/s R.S.R. Housing & Construction Pvt. (Ltd.) S-6, Ashirwad Complex, 162, Zone-I, M. P. Nagar, Bhopal-11 Building Construction - R.S.R. Housing & Construction Pvt. (Ltd.) at village – Misrod Road, NH-12, Bhopal, Khasra No.- 8,6/2/2,9/1,10 & Part of 24/376/10/1 Misrod ,Block- Phanda ,The.- Huzur, Distt.- Bhopal (M.P.) Total Area – 26340.00 sq. mt. Total Build Up Area – 43217.01 sq. mt Residential Building, Commercial Space. For Building Construction. - Env. Consultant: In-situ Envirocare, Bhopal.**

Neither the PP nor his 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. Committee decided to consider the case in next meeting as per the turn.

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6. Case No.609/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P) **For –Query Presentation -** Jamuwanikala Limestone Mine at Khasra No. 795, 797, 833, 834, 835, 837, 895 and 986 village –Jamuwanikala, Teh: Vijayrahavgarh Distt. Katni (M.P) Area-08.01 Ha Capacity- 25000 MT/Year TOR issued vide letter no. 67 dt. 11/02/11- Env.Consultant- Creative Enviro Services, Bhopal.

AND

7. Case No.610/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P) **For –Query Presentation -** Jamuwanikala Limestone Mine at Khasra No. 836, 838, 830, 840 to 853 854/2, 864/2 866, 865 867 to 873 876 to 890 893, 894, 897, 898, 919P, 923P and 926 to 930 vill.Jamuwanikala,Teh:Vijayrahavgarh, Distt.- Katni (M.P.) Area 31.43 Ha. TOR issued vide letter no. 69 dt. 11/02/11- Env. Consultant- Creative Enviro Services, Bhopal.

The two cases were dealt in the SEAC meeting dated 09/11/2011 whereby PP was asked to predict the cumulative impact using appropriate model and present the same before the committee. PP with his consultant presented the findings before the committee in the meeting which reveals following:

Air quality prediction for both the mines was carried out using ISCST-3 Model for estimating the concentration of suspended particulate matter to evaluate the GLC on 24 hourly basis under worst conditions. The results show that the cumulative highest dust concentration of 65.2 ug / Nm³ exists at receptor location and the concentration of the dust will travel to a maximum predicted distance of around 1 Km along the vehicular movement route. Incremental SPM level of 5 ug / Nm³ shall persist up to 05 Km in the East direction. Committee asked the proponent to prepare & submit a revised EMP based on the findings of the above study.

It was informed by the PP that permanent sprinkler system shall be installed on the identified permanent roads. The site is due for a visit on 15-16 December 2011 by the sub-committee, hence it was decided that the identified locations shall be verified on site by the sub-committee.

8. Case No. 653/2011 Mr. P.C. Jain , M/s Eastern Minerals (Khera-1) 35, Vivekanand Marg, Cantonment – Jhansi (U P) – 284001- Expansion Case: Pyrophyllite – 10000 MTPA, Diaspore – 400 MTPA, Area – 6.171 ha. (Existing Capacity - Pyrophyllite – 4000 MTPA, Diaspore – 200 MTPA, Area – 6.171 ha) at Khasra No. 230 /1,230/2 & 1354/2 Villahe – Khera ,Tehsil- Jatara , Distt.- Tikamgarh (M.P.) Env. Consultant- Creative Enviro Services, Bhopal.

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under ‘B’ Category of EIA Notification, 2006 and is to be appraised by

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SEAC. The project was forwarded by the SEIAA for approval of TOR to carry out EIA / EMP. PP with his consultant presented the case before the committee which revealed following:

The proponent has a valid Env. Clearance for existing capacity and desires to enhance the production capacity to the tune of – 10000 MTPA of Pyrophyllite and 400 MTPA of Diaspore. No change in the mining lease area has been claimed. Validity of the mining lease is up to May 2027. Open cast other fully mechanized mining is proposed. Ultimate depth of the mining is reported to be 20 meters and the ground water table is reported to be 30 meters thus the mining shall not intersect the ground water table.

Land details:

Type of land	Govt. waste land, no forest land is involved.
Khasra No.	1354/2, 230/1 and 230/2
Total lease area	6.171 Ha

Location of site

Nearest village	Khera at 400 meters
Nearest river	River- Kalegawa – 9 Km
Ecological sensitive zone	None in 10 Km radius
Inter-state boundary	U.P. border is more than 14 Km
Other mine in vicinity	Adjacent to the site is operating mine of same mineral and owner.

After deliberations committee decided to issue TOR with inclusion of the following points:

- Cumulative environmental study for the two adjacent mines has to be carried out and predictions to be presented using suitable CPCB approved models.
- Compliance of the conditions of existing EC and the consents to be presented in the EIA report.
- Accumulated water in the pits has to be collected in organized collection pond and should be used after appropriate treatment. Proposal for the same has to be submitted with the EIA.
- Executive summary of the EIA report and declaration regarding authenticity of the data used in the report have to be submitted.
- Point-wise compliance of the ToR to be included.
- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- All chemical analyses report from approved laboratory in original format. The

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chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.

- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species & various fire-wood trees should be taken up. Map showing green belt and other green areas to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- Distance to the project site from the inter-state border to be provided authenticated from the government agency.

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- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

Minutes of Query reply discussion are enclosed with these minutes.

Meeting ended with thanks to the chair.

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