

1.0 Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda items were taken up for deliberations. The list of participants present during meeting is annexed as **Annexure-2**.

2.0 Consideration of the Projects

Following issues were discussed and decided:-

- A. 13 proposals (for TOR / EIA deliberations) were invited. Out of these proposals only 11 proposals were presented before the committee. 01 proposal scheduled for today was appraised in the 45th meeting on request of PP and with permission of Chairman and 01 case could not be examined in absence of the PP or his representative.
- B. It is decided to hold the 47th meeting on 29th January 2010.
- C. Bio-mass Power Projects and Lead-Acid Battery Recycling Projects to be returned to SEIAA in view of the Amended EIA Notification dated 01/12/2009 were examined and committee decided to return the identified cases to SEIAA for further necessary action in the matter (list enclosed).

Deliberations:

1. Case no. 104/2008

**M/s Anand Mining Corporation, Pathak Ward, P.O.Katni, Distt: Katni, (M.P.)
483501 - Dubiyara & Tikaria Iron Ore Mine Vill: Dubiyara and Tikaria, Tah: Sehora,
Distt: Jabalpur, Area: 26.002 Ha, Prod: 1.0 Million T/Y- EIA Presentation**

TOR issued - dated- 07/08/08.

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 SEAC.

TOR was issued vide letter dated 07/08/08. The applicant presented the salient features of

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

the project, EIA / EMP and the public hearing issues were dealt in detail. It was reported that the mine is existing but not operating. Method of mining is Open cast and manual. It was reported that no blasting and drilling shall be carried out. The nearest habitat is village Tikiyara about 100 mts. from the project boundary and village Dubiyara is located at 400 mts from the site. A crusher for sizing of mineral is also reported out side the lease area. The mining shall not intersect the GW table. PP has not submitted NOC from forest department. Water requirement is 22 KL/day. River Barna is about 3 Km from the site.

After deliberation, committee has sought following information and details from the PP:

- NOC from 'Gram Sabha'.
- Fresh NOC from forest mentioning the distances from the wild Life sanctuary / RF from the site.
- Air/Water Consent from MPPCB for operation of crusher.
- Full details of the nearby habitation with exact distances from the lease boundary and population etc.
- Detailed dense plantation scheme towards village Tikiyara and Dubiyara has to be provided.
- Written commitment for fulfillment of the public hearing issue regarding strengthening of the road to be submitted.
- Declaration from the PP and the consultant regarding use of authentic data / facts /figures in the EIA /EMP to be furnished.
- Details of air pollution control equipments proposed in crusher to be furnished.
- Use of Solar energy for utilities has to be explored and implemented.
- Plan with commitment for plantation in 33% of project area within lease period to be

(S. C. Jain)
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(K.K. Goswami)
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(A.P. Shrivastava)
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(S.R. Shukla)
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(R.K. Jain)
Secretary SEAC

submitted. Map showing green belt to be submitted.

2. Case no. 286/2009

M/s Fortunes Stone Ltd. Opp. Agriculture Office 1st Floor, Vishwanath Road, Chhatarpur (M.P) - Katahara Granite Quarry 21.736 Ha (10000 Cu.M/Year) at village - Katahara, Tehsil- Laundi Distt, - Chhatarpur (M.P) EIA Presentation. TOR issued - dated 12/06/2009.

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 SEAC. TOR was issued vide letter dated 12/06/2009. The applicant presented the salient features of the project EIA / EMP and the public hearing issues were dealt in detail. It was reported that the mine is operating and the application has been made for EC as the lease is under renewal. Method of mining is Open cast and manual. It was reported that no blasting and drilling is being conducted. The nearest habitat is village Katahara about 200 mts. from the project boundary. The mining is in forest area for which proponent has obtained forest clearance from MoEF. The mining shall not intersect the GW table.

Submissions- PP has submitted following documents-

1. Forest Clearance from MoEF vide letter dated 04/07/2008 common for case no. 285/2008 and 286/2008.
2. Permission from Gram Sabha.
3. Commitment for group insurance for the workers.
4. Detailed reply on Public Hearing issues along with clarification from the Medical Officer Community Health Center Lodi on issue of ill health of labours and residents.
5. Details of Corporate Social responsibility (CSR) and other Public Hearing issues.

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(R.K. Jain)
Secretary SEAC

After deliberation, committee has sought following information and details from the PP:

- Declaration from the PP and the consultant regarding use of authentic data / facts /figures in the EIA /EMP to be furnished.
- Use of Solar energy for utilities has to be explored and implemented.
- Compliance of forest clearance.
- Commitment for restricted use of explosive.
- Measures to be taken to prevent air and water pollution in the near by village to be furnished.

3. Case no. 285/2009

M/s Fortunes Stone Ltd. Opp. Agriculture Office 1st Floor, Vishwanath Road, Chhatarpur (M.P) - Katahara Granite Quarry 6.0 Ha (7000 Cu.M/Year) at village - Katahara, Tehsil- Laundi Distt,- Chhatarpur (M.P) EIA Presentation. TOR issued dated 12/06/2009.

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 SEAC. TOR was issued vide letter dated 12/06/2009. The applicant presented the salient features of the project EIA / EMP and the public hearing issues were dealt in detail. It was reported that the mine is operating and the application has been made for EC as the lease is under renewal. Method of mining is Open cast and manual. It was reported that no blasting and drilling is being conducted. The nearest habitat is village Katahara about 200 mts. from the project boundary. The mining is in forest area for which proponent has obtained forest clearance from MoEF. The mining shall not intersect the GW table.

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(R.K. Jain)
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After deliberation, committee has sought following information and details from the PP:

- Declaration from the PP and the consultant regarding use of authentic data / facts /figures in the EIA /EMP to be furnished.
- Use of Solar energy for utilities has to be explored and implemented.
- Compliance of forest clearance.
- Commitment for restricted use of explosive.
- Measures to be taken to prevent air and water pollution in the near by village to be furnished.

Note- Common Public Hearing was conducted for the case no. 285/2008 and 286/2008.

4. Case no. 108/2008

Commissioner, Municipal Corporation, Jabalpur Construction of proposed MSW Landfill site at Kathonda, Jabalpur – EIA Presentation . TOR issued dated- 23/12/08 Projects pertaining to Common Municipal Solid Waste Management Facility (CMSWMF) have been listed at SN 7(i) under B category of the Schedule of EIA Notification 2006. The present project is a Common Municipal Solid Waste Management

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
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(K.K. Goswami)
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(A.P. Shrivastava)
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(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

Facility (CMSWMF) proposed for Jabalpur city hence was appraised by the SEAC. The case was earlier presented in the 58th, 63rd and 64th EAC meetings of MoEF, New Delhi. Latter the case was transferred to SEAC for further action the matter as it falls under 'B' category projects. SEAC issued TOR for carrying EIA / EMP vide letter dated 23/12/2008. Municipal Corporation Jabalpur the Project proponent along with their consultation has made a detail presentation of the EIA/EMP for development of MSW Land-fill site at village Kathonda Distt. Jabalpur (M.P). The area of land-fill site is 24.6 Ha out of which 4.88 Ha is proposed for compost plant. Land has been acquired by Municipal Corporation Jabalpur. Presently MSW of Jabalpur city is being dumped in the Ranital area which is proposed to be shifted in organized land-fill site proposed at village Kathonda. EIA report and the presentation made thereby reveals following:

- Quantity of solid waste generated – 428 MT/Day. About 75 % of generated MSW shall be collected which would be taken to the land-fill site. Sorting of bio-degradable, re-cyclable and inert material is proposed at site. The segregated inert material (about 163 MT/day) shall be dumped in the land-fill site. The bio-medical waste from hospitals is collected and disposed off separately.
- The site shall be adequate to serve for 20 years.
- Proposed capacity of the compost plant is 256 MT/day.
- Public Interest Litigations have been filed pertaining to development of this site. It was reported that decision in one of the litigation has been given whereas decision pertaining to other litigation is yet to come out.
- Land-fill site- Lining of 1.5 mm high density polythene will be laid down. Leachate water shall be collected and sent to the STP proposed at site.
- Public hearing issues were also discussed in the meeting. Main objects raised by the public were R&R plan and odour nuisance. It was informed by the PP that the proposed project is more than 500 mts. away from residential area and all measures

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

shall be provided to handle odour nuisance and disinfection of the region. Being a govt. project R&R plan shall be taken up as per the provisions of government.

- PP has submitted the NOC from Town & Country Planning Deptt, Ground water Board and Air Port Authority.

After deliberation SEAC has raised following queries:

- Per capita MSW generation is taken to be 310 gm/ day, for calculation, projections and design of the facility; committee asked the PP to re-examine the per capita generation of MSW and revised calculations and other aspects has to be submitted.
- Separate provisions to collect the compostable waste from major sources such as hotels, vegetable markets (Mandi) etc has to be made in the proposal.
- Segregation – methodology for segregation of bio-degradable, plastic, re-cyclable and other wastes at site is not clear.
- Essential facilities such as proper boundary with gate, measures taken to avoid entry of un-authorized person and animals, approach road, facilities for record keeping, pollution monitoring, weighing bridge, drinking water facility for workers, safety & fire fighting equipments etc. have not been mentioned in the report.
- Site selection criteria to be furnished.
- Land-fill design specification to be furnished in detail.
- Measures proposed to prevent odour, insects and pests in the area to be furnished.
- Detailed Plantation scheme with lay out on a map has to be furnished.
- Details on R&R plan to be furnished.

PP was asked submit the point-wise reply to the above queries after which PP shall be called for query reply presentation.

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

5. Case no. 495/2010

M/s Saicharan Properties Ltd. 101, Kalptaru Synergy Opp. Grand Hyatt, Santacruz (E), Mumbai- 400 055 EIA Presentation. Commercial Building of Plot no. 27, at Yash Niwas Road, Indore (M.P).

Neither the PP nor his representative was present to help in understanding the documents etc. nor did to explain discrepancy / gap if find any during the deliberation. Hence committee decided to call the PP in next meeting.

6. Case no. 98/2008

Smt. Indra Devi Garg, Legal Heir of Late Shri Giriraj Garg , Balaji Handloom, Saraswati Shishu Mandir ke Samne, P.O. & Distt.-Morena (M.P.) EIA Presentation. Bankuri Red Ochre Mine - 12.0 Ha. Capa. - 5000 TPA at Village-Bankuri, Tehsil-Karahal, Distt.- Shoopur (M.P.)- TOR issued vide letter dated - 07/08/08.

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 SEAC. TOR was issued vide letter dated 07/08/08. The applicant presented the salient features of the project EIA / EMP and the public hearing issues were dealt in detail. It was reported that the mine is existing but not operating. Method of mining is Open cast and manual. It was reported that no blasting and drilling shall be carried out. The nearest habitat is village Bankuri is located at 500 mts from the site. State high way is reported at 250 mts from the site. The mining shall not intersect the GW table. River Kuno is at 7 Km from the site and Bhutoopura water tank is at about 400 mts from the site. PP has not submitted appropriate NOC from forest department.

After deliberation, committee has sought following information and details from the PP:

- Fresh NOC from forest mentioning the distances from the wild Life sanctuary (Singh

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

- Pariyojana) and RF.
- NOC from 'Gram Sabha'.
 - Declaration from the PP and the consultant regarding use of authentic data / facts /figures in the EIA /EMP to be furnished.
 - Use of Solar energy for utilities has to be explored and implemented.
 - Plan with commitment for plantation in 33% of project area within lease period to be submitted. Map showing green belt to be submitted.
 - Measures taken to prevent surface run-off from mining area into the near by water bodies to be furnished.
 - Leachate analyses to be submitted.

7. Case No. 288/2009

M/s Ghai Enterprises Station Road Satna (M.P) – EIA Presentation -Limestone mines 12.595 Ha at Village- Kharaundi, Taluka Maihar Distt. Satna (M.P) Prod Cap- Limestone -30,000 MT/Y and OB/Rejected stone- 20000 MT/Year. TOR issued vide letter dated – 12/06/09.

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 SEAC. TOR was issued vide letter dated 12/06/2009. The applicant presented the salient features of the project EIA / EMP and the public hearing issues were dealt in detail. It was reported that this is a new mine yet to be open. Method of mining is Open cast and manual. The nearest habitat is village Kharaundi about 500 mts. from the project boundary. The mining shall not intersect the GW table. PP has not submitted NOC from forest department. Water requirement is 12 KL/day.

After deliberation, committee has sought following information and details from the PP:

- Fresh NOC from forest mentioning the distances from the wild Life sanctuary / RF from the site.
- NOC from 'Gram Sabha'.

(S. C. Jain)
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(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
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(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

- Full details of the nearby habitation with exact distances from the lease boundary and population etc.
- Declaration from the PP and the consultant regarding use of authentic data / facts /figures in the EIA /EMP to be furnished.
- Use of Solar energy for utilities has to be explored and implemented.
- Plan with commitment for plantation in 33% of project area within lease period to be submitted. Map showing green belt to be submitted.
- Transportation route for transportation of mineral from site to be furnished.
- Location of Check Dam and permission for construction of the same from competent authority to be submitted.

8. Case no. 492/2009

Shri Shanktha Prasad Dwivedi Distt. Satna (M.P)- Jura Lime stone mine 29.163 Ha, production capacity- 50,000 T/Year, at Village Jura Tehsil- Maihar Distt. Satna (M.P)
For TOR.

It was reported by the PP and his consultant that out of 29.163 Ha only 2 ha land is being owned by the PP and rest of the land is yet to be acquired. Hence committee has decided to defer the case till submission of the requisite land ownership documents or legal provision (if any) in this regard.

9. Case no. 484/2009

M/s Agarwal & Singh Mineral PP Shri Upendra Singh C/o 48, Prabhat Vihar Colony, Distt.-Satna (M.P) 485001. - Dhari No. 1, Ochre, White Clay and laterite Mine at village Dhari No. 1 Tehsil Beohari Distt. Shahadol Area - 46.76 Ha, Prod. Cap- 1800 T/Y. **For TOR**

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 SEAC.

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. This is a case of an new mine. Open-cast, manual mining has been proposed, mining shall not intersect the GW table. Nearest village is Dhari which is about 600 mts from the lease area boundary. Site is surrounded by Reserve forest and nearest Magrodhaha RF boundary about 0.5 Km from the site. River Banas is located at 1.5 Km from the site. One temple and four huts have been reported in the lease area. One stop dam is also located in the lease area. After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- 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 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 along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt 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.

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(S.R. Shukla)
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(R.K. Jain)
Secretary SEAC

- 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.
- 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.
- Temple should be preserved and open to all.
- Water from the dam should be open to all.

10. Case no. 445/2009

M/s Rajshree Power & Ispat Pvt.,ltd.,Ist Floor,Reena Apartment,NH-43,Pachpedinaka, Raipur(C.G.) Proposed 10 MW Biomass based Power Plant at Village-Kherkhedi of Shajapur Block Distt.- Shajapur (M.P.)- TOR issued vide letter dated- 09/11/09.- for **EIA Presentation.**

Project Proponent has submitted a request for exemption from obtaining the Prior Environmental Clearance in view of amended EIA Notification – 2006. PP has reported before the committee that his proposal is for power production of 10 MW power using

(S. C. Jain)
Chairman SEAC

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(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
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(S.R. Shukla)
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(R.K. Jain)
Secretary SEAC

Bio-mass with auxiliary fuel (Coal) not exceeding 15%. Based on the documents submitted and submissions made by the PP Committee has recommended the case for delisting.

11. Case no. 485/2009

M/s S.N. Sunderson & Co., Jabalpur Road, Post Box No. - 39, Bhargawan, District - Katni (M.P) For TOR

Ametha Limestone and Dolomite Mines at village- Ametha, Tehsil.-Vijayraghgarh, Distt. Katni, Area- 9.86 Ha Prod. Capacity- 2,00,000 TPA.

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 SEAC.

The applicant, presented the salient features of the project. Information pertaining to the above project was examined by the committee. This is an operating mine. The case has been submitted for prior EC in view of production enhancement from 45000 to 200000 MT/Year. Open-cast, Other than Fully Mechanized mining has been proposed, mining shall not intersect the GW table. Nearest village is Ametha which is about 700 mts from the lease area boundary. River Tons is located at 6 Km from the site. State Highway (Jhukai-Kaymore) is about 200 mts from the site. After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- 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 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 along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.

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(S.R. Shukla)
Member SEAC

(R.K. Jain)
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- 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.
- 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.
- Compliance of EC conditions.

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
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(K.K. Goswami)
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(A.P. Shrivastava)
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(S.R. Shukla)
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(R.K. Jain)
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- If mining is expected to intersect the ground water level hydro-geological studies have to be conducted.

12. Case No. 496/2010

Shri Shakil Ahmed Khan S/o Shri Abdul Aziz Khan Pratap Nagar Chittorgarh (Raj.) – For TOR

Laterite Mine 10.28 Ha at Village Guradia Deda Tehsil- & Dist.- Mandsaur (M.P)

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 SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. This is a case of a new mine. Open-cast, manual mining has been proposed, mining shall not intersect the GW table. Nearest village is Gudria Deda which is about 500 mts from the lease area boundary. Mine is located on Mandsaur – Neemuch Road and railway line has been reported at more than 500 mts from the site. After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- 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 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 along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt 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.

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(S.R. Shukla)
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(R.K. Jain)
Secretary SEAC

- 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.
- 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.

Meeting ended with thanks to the chair.

(S. C. Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(K.K. Goswami)
Member SEAC

(A.P. Shrivastava)
Invitee Member

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary SEAC