

MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL COMMITTEE HELD ON 31st January, 2009

1

1.0 Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda item 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. 22 proposals were invited for TOR / EIA / Query reply deliberations. Out of these proposals only 19 proposals were presented before the committee.
- B. Next meeting was decided for 17th & 18th of February 2009.

3.0 Deliberations:

1. 235/2008

Shri Rajeev Chadha Opp- GS College Civil Lines Jabalpur M.P

Laterite, yellow ochre, iron ore, Blue dust mine 7.310 Ha at village Gandhigram Teh: Sihora, Jabalpur (M.P) For Query Presentation

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The EIA was presented in the 17th meeting dated 10th December 2008, whereby the proponent was asked to submit clarification on certain issues. The reply was submitted by the applicant and the same was presented before the committee. After the deliberation committee recommended following:

Additional TOR may be issued to the project proponent for the Mineral Beneficiation plant which was not included in the TOR issued by MoEF. In addition to the above the proponent is also required to submit the report on leachate study as per the earlier query.

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COMMITTEE HELD ON 31st January, 2009**

2

2. 120/2008

Shri. Manish Somani, 12, Neelkanth colony, Near Jhansi chauraha, Indore. M.P.
[Krishna Metal Agency Plot no. 158/B, Industrial Area, Sector-F, Sanwer road,
Indore. [M.P.]

Reclaiming of Lead Ingots through Lead-Acid Batter recycling. Production: Lead Ingots
(1000 MT/Y) from Lead-Acid Batteries.

**Tor issued by MPSEAC vide letter no. 522/PS-MS/MPPCB/SEAC/TOR/APR(8)/2008 dated
02/09/08- Case For EIA Presentation.**

The proposed industry is covered under the category 3(a) (c) (i)/ B of the schedule of EIA
Notification, 2006. Which covers all Secondary metallurgical processing industries
producing toxic and heavy-metal with capacity <20,000 tonnes /annum & located in a
notified industrial area/ estate. Thus has to be appraised by SEAC. Applicant, aided by the
consultant gave a presentation on the salient features of the project and the EIA study.

After detailed deliberations on EIA, the SEAC has directed the applicant to submit
clarification on the following:

- Detailed & factual analyses of the raw material and the slag from approved laboratory.
- Plan on map clearly showing the scheme of plantation in the industry premises.
- Environmental monitoring (air) has to be conducted by the authorized laboratory.
- Quantification of various wastes including the plastic covers has to be evaluated along with the disposal of each of these wastes.
- In view of water requirement in the process permission / commitment from the concerned agencies should be submitted.

3. 234/2008

Shri Jyoti Minerals Industries kamal Kumar Bagodia Station Road Katni (M.P)

Limestone, Dolomite stone, laterite mine 6.00 Ha at village Ritual Tehasil - Bahoriband, Katni

Case for TOR Approval

Submission: Form-1, TOR and PFR

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**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

3

schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The proposed case was submitted for approval / issue of TOR, but the proponent did not appear for the submission hence the committee decided to call the applicant in next meeting.

4. 236/2008

Smt. Vandna Modi W/o Shri Abhay Modi bara Bazar Shahagarh, Teh- Banda Sagar (M.P)

Mining of Iron Ore & Dolomite Area - 11.82 Ha Prod- 7000 MT/Y at village Tigoda, Banda

Sagar (M.P) Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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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COMMITTEE HELD ON 31st January, 2009**

4

- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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 the concerned DFO.

5. 237/2008

Jaipuria Leo Software & System (P) Ltd Plot No. F-4(A) MIDC Industrial Area, Hingna Road, Nagpur (M H)

Project: Mining of Manganese ore Area - 6.159 Ha Prod- 3000 MT/Y at Jarah Mohgaon Teh-Katangi, Distt.- Balaghat (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

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5

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- Plantation in at least 33% of the total area has to be ensured, accordingly plan has to be submitted with EIA.
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- 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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6. 239/2008

Shri A. Jain Director Rajshree Power & Ispat Pvt. Ltd. 201, Second Floor Lal Ganga Shopping Mall GE Road Raipur (CH)

10 MW Biomass based Power Project at Vi-Choma Tehasil - Agar Distt. - Shajapur (M.P)

Case for TOR Approval

The renewable energy projects < 50 MW or > 5 MW (Pet coke, diesel and all other fuels) are listed at S.N. 1(d) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- *Raw material:* Source & availability (quantification of demand vis-à-vis collection) of bio-mass with supportive documentation (lease, agreements etc.) to be produced. In case separate land is hired or acquired for bio-mass cultivation documents pertaining to the same have to be produced. Quality of coal has to be certified by the supplier.
- *Water:* Sources of water to be incorporated with details of ground water potential, quality and use in the region duly certified from State / Central Ground Water Board. Approval and commitments from the concerned departments have to be furnished with EIA. Evaluation of ground-water withdrawal vis-à-vis recharge to be provided along with a concrete plan of GW-recharging.
- *Social Corporate Responsibility:* Details of welfare activities planned for the workers to be provided.
- Plantation in at least 33% of the total area has to be ensured, accordingly plan has to be submitted with EIA.
- *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)
- *Environmental Quality Monitoring:* Air /water /soil and other environmental parameters have to be monitored and presented in the EIA with appropriate modeling and interpretations.
- Statistics of carbon-credits as claimed by the industry under CDM have to be provided.
- Satellite Image of the location should be submitted.
- Location is also to be shown in Tehsil map procured from revenue department.

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7

7. 241/2008

Shri Shantilal Singhvi Director M/s Vinayak Natural Stone Pvt. Ltd. Chamber No. 5, Room No. 3, 32/379, Opposite Gogunda House, L.N. Mishra Marg (Detya Magri), Udaipur (Rajasthan)

Mining of Marble Area- 42.515 Ha **Cap- 12,00,000 MT/Y** near Village- Dinarikhamaria Tehsil- Majholi, Distt- Jabalpur (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
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8

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- NOC from the concerned DFO.

8. 242/2008

M/s Om Prakash Bharathia Stone Mine Gwalior (M.P)

Stone mining Area - 8.00 Ha Cap- 30,000 T/Y at village- Chandpara Distt- Gwalior (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

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COMMITTEE HELD ON 31st January, 2009**

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- NOC from the concerned DFO.

9. 243/2008

M/s Emerald Stone Industries Chandrapura Tehsil- Mura-Bijoli Gwalior (M.P)

Stone Mining in 9.00 Ha, Cap- 50,000 m³/Y at village- Chandrapura Distt- Gwalior (M.P)

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10

Case for TOR Approval

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COMMITTEE HELD ON 31st January, 2009**

11

- 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)
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- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
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- NOC from the concerned DFO.

10. 244/2008

M/s Komesh Stone Company, Gram- Rajiyar , Dabra Distt. Gwalior (M.P)

Stone Mining in 15.00 Ha, Cap- 50,000 m³/Y at village- Rajiyar (Dabra) Distt- Gwalior (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

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11. 245/2008

M/s Rakesh Stone Crusher, Village Kotwal Tehsil & District Morena

Stone mining / crushing

Case for TOR Approval

Submission: Form-1, TOR and PFR

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14

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12. 246/2008

Shri Ajesh Kumar Jain R/o Village Darshini Tehsil- Sihora Distt.- Jabalpur (M.P)

Laterite, Ochre and clay mining Area- 5.00 HA, Capacity- Laterite: 49364 T, Ochre: 1953 T, Clay: 13517 T per year, Village - Darshini, Tesil- Sihore Distt.- Jabalpur (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The proposed case was submitted for approval / issue of TOR, but the proponent did not appear for the submission hence the committee decided to call the applicant in next meeting.

13. 247/2008

M/s J.P. Marbles HIG 1, Housing Board Colony P.O. Katni (M.P)

Marble mine 10.520 Ha. Pro. Cap.- 3900 MT/Year at Khardra Tehsil- Bahoriband, Distt.: Katni (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.

(Suresh Chandra Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(Prof. K.C. Mathur)
Member SEAC

(K.K. Goswami)
Member SEAC

(R.K. Jain)
Secretary SEAC

**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

15

- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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.
- A leachate study of the solid waste has to be conducted.
- 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 the concerned DFO.

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(R.K. Jain)
Secretary SEAC

14. 248/2008

Satguru Cement (P) Ltd. 102, Golden Tower 94/47, Sneh Nagar, Main Road, Indore (M.P)

Expansion of Mini Cement Plant 30,000 TPA to 95,000 TPA at village - Ghursal, Jeerabad,
Tehsil - Gandwani, Distt. - Dhar (M.P)

For TOR Approval

Terms of Reference (TOR) for EIA/EMP have been discussed and finalized as follows:

1. Present land use based on satellite imagery should be included.
2. Information on National Park/Sanctuary/Reserve Forests within 10 KM radius of the project site, if any, should be included.
3. Process and manufacturing details for the cement plant and captive power plant should be included.
4. Details like type of the fuel, quantity-wise break up of the fuel and source should be included.
5. Site-specific micro-meteorological data including inversion height and mixing height should be incorporated.
6. Data on existing ambient air, stack emissions and fugitive water & noise etc should be included. Monitoring to be carried out by approved laboratory.
7. Air quality modelling for the expansion plant including existing cement plant should be incorporated.
8. Sources of secondary emissions, its control and monitoring as per the CPCB guidelines should be included.
9. Impact of the transport of the raw materials and end products on the surrounding environment including agricultural land.
10. A write up on use of high calorific hazardous wastes in kiln and commitment regarding use of hazardous waste should be included.
11. Chemical characterization of RSPM and incorporation of RSPM data. Location of one AAQMS in downwind direction should be included.
12. One-month data for gaseous emissions other than monsoon season should be included.
13. Permission for the drawl of ground water from SGWB / CGWA should be incorporated. Water balance cycle data including quantity of effluent generated, recycled and reused and discharged should be included.
14. Efforts made to minimize use of ground water. A chapter on hydrology study by the State Govt. should be included. Ground water monitoring minimum at 8 locations should be included.

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(R.K. Jain)
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**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

17

15. Surface as well as roof top rain water harvesting and ground water recharge should be included.
16. Scheme of proper storage of fly ash, gypsum and clinker should be included.
17. Risk assessment and damage control should be incorporated.
18. Occupational health of the workers should be incorporated.
19. Green belt development plan for 33 % as per CPCB guidelines should be incorporated.
20. Socio-economic development activities should be included.
21. Compliance to the recommendations mentioned in the CREP guidelines should be included.
22. Total capital cost and recurring cost/annum for environmental pollution control measures.
23. A tabular chart of the issues raised and addressed during public hearing/public consultation should be provided.
24. Any litigation / court case pending against the proposal (Cement/Mine) should also be included.
25. Two acres extra land available with the industry, should be used partly as storage area and partly for development of addition green area, accordingly revised layout plan should be submitted with EIA. Documents pertaining to ownership have to be submitted with EIA.

15. 249/2008

ABU Industries Ltd. 6, Jaora Compound, Near Bharat Gas , Indore - (M.P)

Expansion of Mini Cement Plant 9000 TPA to 39,000 TPA Industrial Area, Labad, Distt. - Dhar (M.P)

For TOR Approval

Terms of Reference (TOR) for EIA/EMP have been discussed and finalized as follows:

1. Present land use based on satellite imagery should be included.
2. Information on National Park/Sanctuary/Reserve Forests within 10 KM radius of the project site, if any, should be included.
3. Process and manufacturing details for the cement plant and captive power plant should be included.
4. Details like type of the fuel, quantity-wise break up of the fuel and source should be included.

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(R.K. Jain)
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**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

18

5. Site-specific micro-meteorological data including inversion height and mixing height should be incorporated.
6. Data on existing ambient air, stack emissions and fugitive water & noise etc should be included. Monitoring to be carried out by approved laboratory.
7. Air quality modelling for the expansion plant including existing cement plant should be incorporated.
8. Sources of secondary emissions, its control and monitoring as per the CPCB guidelines should be included.
9. Impact of the transport of the raw materials and end products on the surrounding environment including agricultural land.
10. A write up on use of high calorific hazardous wastes in kiln and commitment regarding use of hazardous waste should be included.
11. Chemical characterization of RSPM and incorporation of RSPM data. Location of one AAQMS in downwind direction should be included.
12. One-month data for gaseous emissions other than monsoon season should be included.
13. Permission for the drawl of ground water from SGWB / CGWA should be incorporated. Water balance cycle data including quantity of effluent generated, recycled and reused and discharged should be included.
14. Efforts made to minimize use of ground water. A chapter on hydrology study by the State Govt. should be included. Ground water monitoring minimum at 8 locations should be included.
15. Surface as well as roof top rain water harvesting and ground water recharge should be included.
16. Scheme of proper storage of fly ash, gypsum and clinker should be included.
17. Risk assessment and damage control should be incorporated.
18. Occupational health of the workers should be incorporated.
19. Green belt development plan for 33 % as per CPCB guidelines should be incorporated.
20. Socio-economic development activities should be included.
21. Compliance to the recommendations mentioned in the CREP guidelines should be included.
22. Total capital cost and recurring cost/annum for environmental pollution control measures.
23. A tabular chart of the issues raised and addressed during public hearing/public consultation should be provided.

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**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

19

24. Any litigation / court case pending against the proposal (Cement/Mine) should also be included.
25. Two acres extra land available with the industry, should be used partly as storage area and partly for development of addition green area, accordingly revised layout plan should be submitted with EIA. Documents pertaining to ownership have to be submitted with EIA.

16. 250/2008

Ram Bhawan Sehgal Rewa Road, Maihar Satna (M.P)

Limestone mine 9.008 Ha at village Batia Tehsil- Maihar, Satna (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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-

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(R.K. Jain)
Secretary SEAC

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.
- A leachate study of the solid waste has to be conducted.
- 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 the concerned DFO.

17. 251/2008

Balasore Alloys Ltd. Balgopalpur, Balasore Orissa

Project: Jarah-Mohgaon Manganese Ore Mines 11.766 Ha, Village Jarah, Mohagaon, Tehsil - Katangi, Distt. Balahghat (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

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(K.K. Goswami)
Member SEAC

(R.K. Jain)
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**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

21

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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.
- A leachate study of the solid waste has to be conducted.
- 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

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Member SEAC

(R.K. Jain)
Secretary SEAC

- NOC from the concerned DFO.

18. 252/2008

Vinod Kumar Gupta Gupta Sadan Lakhera Vivekanand Ward Katni (M.P)

Project: Dolomite/Marble Deposit Mine 14.39 Ha at vilage Kachhargaon Tehsil- Bahoriband, Katni (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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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(R.K. Jain)
Secretary SEAC

**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

23

- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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 the concerned DFO.

19. 253/2008

Hukumchand Limestone Company Nai Basti, Katni (M.P)

Project: Limestone Mine 10.56 Ha at village - Bhatoora, Tehsil - Maihar, Satna (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.

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(K.K. Goswami)
Member SEAC

(R.K. Jain)
Secretary SEAC

**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

24

- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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.
- Plantation in at least 33% of the total area has to ensured, 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.
- A leachate study of the solid waste has to be conducted.
- 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 the concerned DFO.

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Member SEAC

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Member SEAC

(R.K. Jain)
Secretary SEAC

20. 254/2008

**Maqbool Hussain Stone Slab Supply Co., 14, Hamidia Road, Near Model Ground Bhopal-
(M.P)**

*Project: Flag Stone Quarry 44.256 HA, Cap: 6000 MT/Year at Village Kanpohra Teh.- Raisen
Distt. Raisen*

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.

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Secretary SEAC

- In land use, the 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 the concerned DFO.

21. 255/2009

Shri Jagdish Dhaneria 119/1, Kumawatpura, Juni- Indore (M.P)

Project: Mining of Bauxite Laterite & Clay, 9.71 Ha, Cap: 50,000 MTPA at Village- Chitti, Jagir Tehsil- Sirmour Distt.- Rewa (M.P)

Case for TOR Approval

Submission: Form-1, TOR and PFR

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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 IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring through approved laboratory has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.

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(R.K. Jain)
Secretary SEAC

**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

27

- 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.
- Plantation in at least 33% of the total area has to be ensured, 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.
- A leachate study of the solid waste has to be conducted.
- Detailed composition of ore with specific reference to TiO_2 should be submitted.
- 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)

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Member SEAC

(R.K. Jain)
Secretary SEAC

**MINUTES OF 19th MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 31st January, 2009**

28

- 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 the concerned DFO.

21. 25/2008

Shri Ashok Kumar Dubey, Nadi Par, Katni, (M.P.)

*Project: Badari Limestone Mine Vill: Badari, Teh: Vijayragogarh Distt. Katni (M.P.)
Mining of Limestone Area: 10.246 Ha Prod: 80,000 MT/Y*

Case for Query presentation

Submission: Reply to queries with relevant documents

TOR issued vide letter no. 111 dated 04/06/08, Query letter issued vide no. 894 dated 18/12/08

EIA was presented by the project proponent in 17th meeting dated 10/12/2008, whereby the applicant was asked to submit clarification of certain queries. Reply to the said queries was submitted and later presented by the applicant in this meeting. After deliberation Committee recommended the case for issue of environmental clearance.

The meeting concluded with vote of thanks to the Chair and the members. The next meetings i.e. the 20th & 21st meetings were decided to be conducted on 17th & 18th February 2009 respectively.

(Suresh Chandra Jain)
Chairman SEAC

(V. Subramanian)
Member SEAC

(Prof. K.C. Mathur)
Member SEAC

(K.K. Goswami)
Member SEAC

(R.K. Jain)
Secretary SEAC