

1. 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. Consideration of the Projects

09 Cases (for TOR / EIA deliberations) were invited. Presentation for one of the projects [Case no. 612/2010] was made yesterday in the 74th meeting; thus only 08 cases were scheduled for the meeting out of which only 07 cases were discussed in the meeting and one case was postponed for 76th meeting to be held on 7/01/11.

Deliberations:

- 1. Case No.11/2008 - Prop- Sh. Mahesh Prasad Agarwal,58,Prabhat Vihar Colony,Panna Naka,Satna (M.P.)** Mining of White Clay, Ochre & Laterite- Area 42.533 Ha at Village Koldiha (Khasra no. 296, 297, 298, 299, 301, 302, 357/1 to 357/7, 358/1 to 358/9, 359/1, 359/2, 361, 365/1 to 365/5, 366/1 to 366/5, 367, 368, 369, 374/1 to 374/3, 375, 376, 377, 378, 379/1, 379/2, 380, 381, 382/1, 382/2, 383, 384, 385, 386, 387, 388, 389 and 390) Teh: Amararpatan Distt. Satna (M.P) production will be - 10000 MT/Year **For EIA Presentation** Env. **Consultant: Créative Enviro Service, Bhopal. (SN-29)** TOR issued vide letter no. 236 dated- 11/07/08

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. Mining lease is valid 2019. Public hearing was conducted on 02/11/2010; the issues were dealt in detail. PP has submitted commitment for fulfillment of the actions promised during public hearing proceedings. The applicant presented the EIA of the project. This is a case of a existing mine presently closed. Open-cast manual has been proposed. Ultimate depth of mine shall be 10 mbgl and it shall not intersect the GW table. Nearest village is village Koldia about 750 meters from the site. Govindgarh RF is reported to be at 4 Km from the site. No wild life sanctuary / National Bio-sphere Reserve, Inter-state

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border is located within 10 Km radius of the proposed site. It was reported that no litigation is pending against the project. Water bodies reported within 2 Km radius are Rajli Nalla, Rajli Stop-dam, Gajara Nalla and Kunda Nalla. Area to be reclaimed in mine life is reported to be 12.60 Ha and area to be planted within lease period shall be 15.0 Ha. PP has submitted NOC from Gram Sabha. NOC from Forest submitted by the PP reveals that the boundary of the site is just 20 meters from the forest boundary. PP has submitted plantation scheme to complete the plantation in 33% of total plot area within lease period. No R&R is reported in the project. After deliberation committee has asked the PP to submit reply on following queries:

1. Clear NOC from the competent authority of Forest department.
2. Status of private land acquisition to be furnished.
3. Activity wise budget break-up for CSR activities to be submitted.
4. Copy of approved mining Plan and mining lease to be submitted.
5. Executive Summary of the EIA/EMP to be submitted.
6. All monitoring reports in the original format as provided by the NABL approved laboratory.

2. Case No. 430/2009 Shri Mohan Shukla, Attorney: K.P. Pathak, 133, Shantinagar, Damoh Naka, Jabalpur (M.P.) Kailwara (Khurd), Laterite & Bauxite at Village- Khilwara (Khurd), Khasra No. 461/1, Teh- Murwara, Distt.- Katni (M.P) Area- 16.187 Ha, Capa- Laterite & Bauxite -6000 MTA For EIA Presentation Env. Consultant: *Créative Enviro Service, Bhopal. (SN-29)* ToR issued vide letter no. 846 dt. 05/09/09

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. Mining lease is valid 2020. The proposed land is Govt waste land. Public hearing was conducted on 02/11/2010; the issues were dealt in detail. PP has submitted commitment for fulfillment of the actions promised during public hearing proceedings. The applicant presented the EIA of the project. This

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is a case of an existing mine presently closed. Open-cast manual has been proposed. Ultimate depth of mine shall be 1.5 mbgl and it shall not intersect the GW table. Nearest village is village Kaliwara about 550 meters from the site. Bina-Katni Railway line is reported to be at 1.75 Km from the site. No PF/ RF are reported within 10 Km radius of the site. No wild life sanctuary / National Biosphere Reserve, Inter-state border is located within 10 Km radius of the proposed site. It was reported that no litigation is pending against the project. Water bodies reported within 2 Km radius are Katni river at 800 meters and Kohal nalla at 2.0 Km from the site. Area to be reclaimed in mine life is reported to be nil. Area to be planted within lease period shall be 6.0 Ha and area covered under pit shall be 5.0 Ha. PP has submitted plantation scheme to complete the plantation in 33% of total plot area within lease period. No R&R is reported in the project. After deliberation committee has asked the PP to submit reply on following queries:

1. Clear NOC from the competent authority of Forest department.
2. NOC from Gram sabha.
3. Detail OB management plan with location of the OB area on map in view of high stripping ratio.
4. Plan so as to prevent any discharge in to the nearby river Katni.
5. Activity wise budget break-up for CSR activities to be submitted.
6. Copy of approved mining Plan and mining lease to be submitted.
7. Executive Summary of the EIA/EMP to be submitted.

3. Case No. 606/2010 M/s J.J. Distillers & Beverages Pvt. Ltd, Nagendra Bhawan, Narayni Bai Ki Gali, Near Nagar Palika, Duttapura, Distt.- Morena (M.P) Grain based Distillery: 28 KLPD of Alcohol, Grain required: 75-80 MT/day ,Area of Plot : 7.5 Acres, Khasra No. 148,160,161,162,163, 165,166,167 At Village – Jafrabad, Teh.- Joura, Distt - Morena (M.P.)

Env. Consultant: Créative Enviro Service, Bhopal. (SN-29) For TOR

All cane juice/ non molasses waste distilleries less than 30 KLD are listed at

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serial no. 5 (g) (ii) under category 'B' and appraised at SEIAA level. The present case pertains to production of Rectified Spirit from grains. Cost of the project is 48.62 Crore. Location: Total 7.5 acres of land is available for the industry. The proposed site is reported to be located at Village- Jafrabad, Tehsil- Joura, District – Morena. The nearest village- Jafrabad is reported at 370 meters from the site and village Bilaiya is reported to be at about 450 meters from the site. Nearest surface water is Morena Branch Canal at about 1.2 Km and River Asan is 2.35 Km from the site. NH-3 Agra – Mumbai Highway is about 12 Km from the site. The state highway is reported to be 150 meters. No wild life sanctuary / National Bio-sphere Reserve, Inter-state border is located within 10 Km radius of the proposed site. It was reported that no litigation is pending against the project.

Manufacturing technology: The technology is based on Multi-pressure Distillation. All machines and equipments are close looped to check any leakage / emission at any stage. Water requirement: is 426 KLD, which shall be drawn from ground water. Quantity of effluent generated from the industry shall be 304 KLD. The waste water shall be treated by Centrifuge decanter for the separation of suspended solids followed by Multi-effect Evaporator to maintain 'Zero Discharge'.

Source of electricity: Power requirement for the project is 1250 KVA. Co-generation bio-mass based 1.5 MW power plant shall be installed and 500 KVA DG set shall be installed as back up.

Green belt development: PP has submitted that the area of the proposed site is large enough to provide 33% of the total area to be utilized as green belt. Still one acre land away from the village which belongs to the PP and is having continuity with the proposed site can be added.

It was also submitted by the PP that any other issue pertaining to public shall be judiciously sorted out during the public hearing with all needed commitments.

Submission from the PP: Registration from Industries department, diversion letter in

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favour of Smt. Jaya Chaturvedi (One of the Directors) and NOC from Gram Panchayat Jafrabad. Permission & license form Excise department is yet to be release.

After the deliberations Committee has decided to issue TOR to the industry with condition that the site shall be visited before appraisal of EIA. The issued TOR can be *extended/ amended* or even *withdrawn* on the recommendation of visiting sub-committee. Following points shall be included in the TOR:

1. Alternate sites to be explored for siting of the industry in view of proximity to the villages and highway, so as to comply with the guidelines of MoEF.
2. Executive summary of the project to be submitted with the EIA report.
3. Detailed break up of the land area along with the photographs of the area.
4. Details of the site and information related to environmental setting within 10 Km radius of the project site.
5. Present land use based on satellite imagery.
6. Details of site and information related to environmental setting within 10 km radius of the project site.
7. Information regarding eco-sensitive area such as national park/ wildlife sanctuary /biosphere reserves within 10 Km radius of the project area.
8. Source of raw material.
9. Ambient Air Quality Monitoring for the three months except monsoon.
10. Mathematical modeling for calculating the dispersion of air pollutants and ground level concentration along with emissions from the boiler.
11. Details of the use of steam from boiler and use of fuel.
12. Hydrology of the area especially down stream.
13. Ground water quality around the compost plant and spent wash storage lagoon.
14. Noise levels monitoring at five locations within the study area.
15. List of flora and fauna in the study area.
16. Number of working days of the distillery unit.
17. Details of the spent wash treatment.
18. Proposed effluent treatment system and scheme for the achieving zero discharge.
19. Detailed water requirement and water balance.
20. Water draws permission from the Irrigation Department/ State Ground Water Board.
20. Details of raw material.

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22. Details of Solid waste management including management of boiler ash.
23. Green belt development as per the CPCB guidelines.
24. Environment management plan.
25. Rain water harvesting measures.
26. Details of occupational health surveillance programme.
27. Details of socio economic welfare activities.
28. Post project environmental monitoring.
29. Any litigation pending against the project and / or any direction / order passed by any Court of Law against project, if so, details there of.
30. Action plan in the tabular form to the issues/suggestions made during the public hearing along with the implementation plan and allocation of funds.

Note of descend from the Secretary SEAC – *The site is located in close proximity to village Jafrabad & Bilaiyapur also it was observed that the State Highway (Morena-Jaura road) is about 150 meters from the boundary of the proposed distillery site, which do not fulfill the guidelines for siting of highly polluting industries published by MoEF. In view of the above issue of TOR may be considered only after the site-visit of committee.*

- 4. Case No.609/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P)** Modernization and expansion of - 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-40000 MT/Year **For TOR**

Env. Consultant: Créative Enviro Service, Bhopal. (SN-29)

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. This is a case of an existing mine. Open cast / mechanized mining technology has been proposed in place of manual mode of mining. The case has been submitted for TOR approval with an application and proposed TOR. The salient features of the project were presented by the PP and his consultant before the committee which reveals following: Nearest Highway is Kaymore- Maihar State Highway – 1.7 km, nearest Village is Jamuwanikala about 1.4 Km. It was also reported that the - Surma Beet Reserve Forest is 5.5 km. Area

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already developed is 5364 m², area proposed for excavation is 10500 m², area covered under dumps is reported to be 5275 m², area under road- 1290 m², area proposed for plantation shall be – 26500 m² and area to be reclaimed is reported to be 360 m². No wild life sanctuary / National Bio-sphere Reserve, Inter-state border is located within 10 Km radius of the proposed site. It was reported that no litigation is pending against the project.

After deliberation committee has approved the TOR for carrying out EIA /EMP with inclusion of the following points:

- 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 be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Commitment has to be given for construction of pucca approach road.
- 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.
- All monitoring has to be conducted as per the notification dated 16/11/2009.
- 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 within the lease period; accordingly plan with map depictions 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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- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same. The OB area should be as away as possible from the water bodies in vicinity of the site.
- 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. Exact distances of nearby features have to be reported using advanced technique.
- 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 for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- All distances have to be reported along with GPS co-ordinates.
- EMP should address the measures planned to protect the water bodies in vicinity of the project site.
- EIA has to be conducted by NABET approved consultant only.
- 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.

5. Case No.610/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P) Modernization and expansion of 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.

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Production capacity expansion from 40,000 MT/A to 1,60,000 MT/A **For TOR**
Env. Consultant: Créative Enviro Service, Bhopal. (SN-29)

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. This is a case of an existing mine. Open cast / mechanized mining technology has been proposed. The case has been submitted for TOR approval with an application and proposed TOR. The salient features of the project were presented by the PP and his consultant before the committee which reveals following: Nearest Highway is Kaymore- Maihar State Highway – 1.7 km, nearest Village is Jamuwanikala about 1.4 Km. It was also reported that the - Surma Beet Reserve Forest is 5.5 km. Area already developed is 16447 m², area proposed for excavation is 151160 m², area covered under dumps is reported to be 11040 m², area site services- 100 m² and area proposed for plantation shall be – 103719 m² . No wild life sanctuary / National Bio-sphere Reserve, Inter-state border is located within 10 Km radius of the proposed site. It was reported that no litigation is pending against the project.

After deliberation committee has approved the TOR for carrying out EIA /EMP with inclusion of the following points:

- 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 be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Commitment has to be given for construction of pucca approach road.
- 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.
- All monitoring has to be conducted as per the notification dated 16/11/2009.

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- 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 with map depictions 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. The OB area should be as away as possible from the water bodies in vicinity of the site.
- 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. Exact distances of nearby features have to be reported using advanced technique.
- 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 for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.

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- All distances have to be reported along with GPS co-ordinates.
- EMP should address the measures planned to protect the water bodies in vicinity of the project site.
- EIA has to be conducted by NABET approved consultant only.
- 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.

- 6. Case No. 614/2010 – M/s JKM Investment (P) Ltd. MR-10, Near toll tax gate Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P) ‘Prem Shanti Residency, Opposite to JKM Investment (P) Ltd. Khasra NO. 57, 59/1 Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P) – township project in 7 Acres land. For Tor Env. Consultant: Not disclosed**

Request from PP was received for consideration of the case in the meeting proposed for 7th January 2011, Committee has accepted the request subject to availability of time.

- 7. Case No. 580/2010 - Shri Vivek Awasthi Asstt. Director C/o Regional Director Employees State Insurance Corporation, Regional Office Panchdeep Bhawan Nanda Nagar Indore- (M.P) 452011. Proposed ESIC Hospital 500 beds (expandable up to 750 beds) & College building at Nanda Nagar Khasra No. 18/2, 24/2, 25/2, 26/1, 26/3, 27, 28, 29, 30/1, 31, 32, 33, 34/1, 34/2, 35/1, 36, 37/1, 37/2, 38, 39/1, 39/2, 40, 43, 44, 45/1, 45/2, 46, 47, 49, 80, 81 at village Bhamonri Dubey tehsi- Bhamonri Dubey Distt. Indore T. Plot area- 32.034 Ha and T. built-up area- 2, 26,970.94 m².*Env. Consultant: Créative Enviro Service, Bhopal. (SN-29) For EIA Presentation***

Townships and Area Development projects covering an area built up area $\geq 1, 50,000$ sq.m are covered under 8(b) category of the Schedule of EIA Notification.

Therefore this project is required to be appraised by the SEAC.

Submission made by the PP: Approval from Town & Country Planning Department, Building permission from Municipal Corporation Indore,

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Commitment from Municipal Corporation Indore for supply of water and disposal of MSW, copy of commitment from M/s Hoswin Incinerators (P) Ltd. the operators of Common facility for disposal of Bio-Medical Waste, Agreement with authorized private water tanker for water supply during construction phase.

The case was presented before the committee whereby it was revealed that this is an updation of existing hospital (300 bedded) to hospital with 500 beds expandable up to 750 beds. The project also consists of construction of new buildings for staff residence, hospital and medical college etc. Total built up area is reported to be 2, 26,970.94 m² in total plot area of 32.034 Ha. Water consumption during operational phase shall be 990 KLD which shall be met from the existing 05 bore-wells and part shall be supplied by the municipal corporation, power requirement shall be – 15.43 MVA. For back up – 10 DG sets of total capacity- 4X2000 + 3X1250 + 3X500 KVA are proposed. STP with capacity of 750 KLD is proposed for treatment of domestic waste water; the treated waste water is proposed to be re-cycled as flush water and horticulture. Dual pipe-line is proposed for flushing. 17 KL bio-medical waste water is expected from the hospital which shall be treated in separate ETP as per the provisions of Bio-Medical Rules. Bio-medical waste of different categories generated from the hospital shall be disposed off through Common Waste Management Facility at Sanwer as per the provisions of Bio-Medical Rules 1998. The proposed site is in Indore municipal corporation limits, sewer nalla flows along the boundary of the site which joins to River Khan after about 1.4 Km.

As the site is proposed in the critically polluted area identified by the CPCB / MoEF with CEPI score of 71.26, committee has asked for comments of MoEF regarding applicability of restriction on construction projects as per the MoEF circular dated 13/01/2010. Reply from MoEF revealed that the moratorium is applicable to all the projects covered in the EIA Notification including construction projects. However committee has appraised the case in view of the provision provided in Office Memorandum dated 13/01/2010 para no. 4.1.2 which states that 'the projects of public interest such as projects of National importance, Pollution Control, Defence & Security can be appraised'. The project covers establishment & enhancement of health care facility of Employees' State Insurance Corporation, whereby industrial workers & their families shall be the

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main beneficiaries, therefore is of National Importance and public Interest. Further it is also noteworthy to state that, there will be no permanent adverse impacts during construction phase and after completion of the project the disposal of domestic and hospital wastes shall be more organized resulting in better environmental conditions in the region. The project apparently has positive socio-economic impacts. Thus the case was appraised by the SEAC.

After deliberation case was recommended for issue of prior EC subject to the acceptance of above justifications by the SEIAA / MoEF with following special conditions:

- All precautions shall be taken to prevent contamination of under ground water storage tanks and ground water.
- Concrete measures shall be taken for prevention of any discharge of effluents and solid waste from the premises of hospital into nearby land or surrounding nalla.
- Action plan should be prepared and executed for development of the near by Nalla as essential CSR activity.
- Provision of separate entrance /exit gate should be made for collection of segregated bio-medical waste from the storage area.
- Area around the STP/ETP should be surrounded with dense green belt.
- Treated waste water should not be used for air conditioning.
- At least 33% of the total plot area should be planned for green area development.
- Use of Solar energy should be ensured for street lights and water heating.

- 8. 511/2010 - M/s Trimula Industries ltd. H.N.45, Ward no.-5, Main Road, Singrauli, Distt.-Sidhi(M.P.) -486889** 38.5 MW Captive Power Plant (AFBC- 1x20 MW & WHRB- 1x18.5 MW) and expansion (under construction- 1x 350 TPD Trimula Industries Ltd. at Village- Godwali & Bastal Biren, The-Devassar & Chitrang, Distt- Singrauli (M.P.)
Env. Consultant: Insitu Enviro care, Bhopal (S.N. 100) ToR issued vide letter no.352 dt 20/05/2010 For EIA Presentation

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This being a Thermal Power Plant with production capacity of < 500 MW (based on coal) is listed at S.N. 1(d) 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. After discussion on the project it was revealed that:

This is a case of production of power to the tune of 38.5 MW at existing Sponge Iron Plant of capacity 350 T/Day. Industry has planned to generate power for captive use from waste heat recovery (18.5 MW) and 20 MW from char and coal. The site is located in Singrauli District at village Godwali & Bastali Biran. As part of Singrauli district is declared as critically polluted area vide MoEF's OM dated 13/01/2010, the sub committee and Regional Officer MPPCB Rewa (Board representative) visited the site before issuing TOR in compliance to the directions issued by MoEF. After inspection it was revealed that the proposed site does not fall in the category of critically polluted area according to the clarification of MoEF vide its letter dated 15/03/10. After verifying the location and the existing / proposed processes TOR was issued to the PP to carry out EIA / EMP. PP has submitted the final EIA/EMP after inclusion of public hearing issues. EIA/EMP was presented & discussed before the committee, the public hearing issues were also dealt in detail. The written complaint from earlier consultant of the project as received by the committee was also discussed with the PP; it was informed by the PP that due some inconvenience local environmental consultant was engaged for carrying out EIA the intimation of the same was submitted to SEAC prior to submission of EIA. PP also informed that they have not used any data which was generated by the earlier consultant the issue was ultimately resolved. After deliberations following features about the proposed project were revealed:

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(R.K. Jain)
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Features around Location:

Total area – 61.61 Acers (Including the existing Sponge Iron Plant)

Protected forest	Teldah Protected Forest	1.4 Km
Water Bodies	Bijul Nalla	600 meters
Nearest Habitat	Village Gondwali	800 meters.
National Highway	NH-75	7.4 Km
Nearest Railway line	Singrauli Railway Line	1.0 Km

No wild life sanctuary / National Bio-sphere Reserve, Inter-state border is reported with in 10 Km radius of the proposed site. It was reported that no litigation is pending against the project.

Project: As per the MoEF guidelines the Sponge Iron Units are required to utilize the solid waste (coal/char) and utilize waste heat for power generation in compliance to the same the present case pertains to generation of 38.5 MW power. Thus, a Captive Power Plant consisting of 20 MW Coal/Char (being generated from the sponge iron unit) Based Atmospheric fluidized bed boiler of capacity 1X84 TPH and 18.5 MW from waste gases emanating from DRI kiln as fuel for Waste heat recovery boiler with capacity of 2X38 TPH is proposed at Singrauli. Coal linkage is not required for this plant as it is proposed within the existing sponge iron plant.

Flue Gas Cleaning System consists of - Induced Draft Fan, Stack with appropriate height, Soot Blowers and ESPs' to maintain the emission level of particulate matter below 50 mg/Nm³.

Ash generation: Bottom Ash - 3642 T/Year and Fly ash – 20235 T/Year. The generated fly ash is reported to be stored dry in silos and shall be given to cement manufacturers and bottom ash is proposed to be used as back-fill material in abundant coal pit of NCL.

Water requirement- 1835 m³/day water for power generation shall be required. The required water shall be obtained from Bijul River and Gorbi pond. Water from these sources shall be stored in the tanks provided in the plant. Permission from Water

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Resource Department to lift water from river has been submitted by the PP vide letter dated 19/11/2009.

Waste water- Waste water from DM plant and boiler blow down – 132 KLD after treatment shall be used for ash quenching, dust suppression and green belt development. Domes waste water shall be generated to the tune of 12 KLD which shall be treated through STP and shall be used for green area development.

Green belt development: Existing green belt development - 11.33 Acers. PP has proposed to develop green belt in additional 10 Acres of land out of 27.95 Acer unused land available with the company.

After deliberation case was recommended for issue of prior EC subject to the following special conditions:

- Concrete measures shall be taken for prevention of any discharge of effluents and solid waste from the premises into nearby land or surrounding nalla.
- Execution of the public hearing commitments shall be taken up along with the construction activity.
- Disposal of fly ash to be executed as per the Fly-ash Notification.
- Emission level of particulate matter should be maintained below 50mg/Nm³.
- Height of stack should be as per the norms of CPCB with provision of appropriate sampling port and spiral ladder.
- The industry has to keep strict vigilance on the Fugitive emissions and shall ensure that the ambient air quality is well with in the prescribed norms.
- Industry should submit the CDM project design document to MoEF.
- Compliance of CREP Charter prescribed for Sponge Iron units has to be ensured.
- Area around the STP/ETP should be surrounded with dense green belt.
- At least 33% of the total plot area should be planned for green area development.
- Use of Solar energy should be ensured in the plant where ever possible.

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Discussion on the Visit Report of Sub-Committee

1. Case no. 573/2010 - M/s Jain Minerals Pvt Ltd 127/1, Sangam Colony Baldeobagh, Jabalpur-M.P - Iron ore Beneficiation Plant of capacity 90,000 TPA at Hargarh Industrial area, Teh-Sihora, Distt-Jabalpur-(M.P.) – The unit is proposed in a Notified Industrial Area and the EIA was appraised earlier during the 70th meeting held in November, whereby PP was asked to submit reply on various queries and it was also decided that the site shall be visited by a sub-committee before any recommendation in view of the proximity of river Hiren. Replies from PP were submitted and were found to be satisfactory. Sub-Committee has visited the site during December and report was placed before the committee in this meeting. The report reveals following:

- The distance of River Hiren was measured to be 870 meters and the site of the proposed activity is slopping away from the river hence according to the committee the site is safe for the proposed industrial activity.
- The proponent already has a bore-well in the premises with permission from the concerned authority; this source shall be used for drinking water for the small labour population planned at site.

Based on the submission of the PP and the recommendations of the sub-committee, SEAC has recommended the case for issue of prior EC subject to the following special conditions:

1. Dense green belt shall be developed along the site boundary including the river side to provide additional protection.
2. The waste water generated from the beneficiation plant shall be reused as committed by the PP and any residual waste water will be collected at a location far away from the river side on the down slope side, any over flow shall flow into the Garland Canal as planned by the PP.
3. Area under plantation should be more than 33% of the total plot area.
4. Solid waste generated from the unit shall be utilized for brick manufacturing / other beneficial uses as per the proposal submitted by the PP.

2. Case No. 601/2010 M/s Smt. Renu Rathore, 101, Sanjivani Nagar, Garha, Jabalpur(M.P.)-482003 Project: Bagrai Dolomite Mine at Village-Bagrai, Khasra No. 291, 292, 293, 294, 295, 296, 302, 303, 303, 304, 305, 306, 336, Bagrai, Teh.-

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Patan, Distt. Jabalpur (M.P.) Area- 10.31 ha. Capacity- 5000 TPA **Env. Consultant: Creative Enviro Service, Bhopal. (SN-29) For ToR**

The case was presented before the committee for approval / issue of TOR to carry out EIA/EMP in the 71st Meeting held during December 2010. After deliberations it was observed that the proposed site is very close to the River Narmada and natural tourist spot Bhedaghat, hence committee decided to visit the site before approval of TOR. The visit was conducted by the sub-committee during 4th January 2010. The primary objective of the visit was to ensure the exact distance of the River Narmada from the lease area. Using local labour actual physical measurement was made up to the foot hill of hillock range separating the land and river part. The distance from the closest point of the lease area to river is approximately 900 meters. This 900 meters area is barren and undulating Govt. land and hence it is buffer zone between the proposed mining area and river Narmada. Owing to the above findings sub-committee has recommended to the case for issue of TOR. Based on the submission of the PP and the findings of the sub-committee, the committee has decided to issue TOR to the PP for carrying out EIA/EMP with inclusion of following points:

- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- Affidavit stating the distance from Bhedaghat and certifying that no litigation is pending against executing mining activities at proposed site or any restriction on mining in the proposed region.
- Monitoring has to be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Commitment has to be given for construction of pucca approach road.
- 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.
- All monitoring has to be conducted as per the notification dated 16/11/2009.
- 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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- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan with map depictions 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. The OB area should be as away as possible from the water bodies in vicinity of the site.
- 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. Exact distances of nearby features have to be reported using advanced technique.
- 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 for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- All distances have to be reported along with GPS co-ordinates.
- EMP should address the measures planned to protect the water bodies in vicinity of the project site.

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- EIA has to be conducted by NABET approved consultant only.
- 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.

Discussion on the letter received from Collector Morena regarding site visit for Case no. 397/2009 & 398/2009:

Case no. 397/2009 of Shri Deepak Sharma, Girraj Shramik Khanij Sahakari Sansthan Maryadit, Mahatoli, Distt. Morena (M.P) - Flag Stone Quarry (10.0 Ha.) at Khasra No. 572, 574, 575/576, 577, 578 & 580/2 Village- Moahatoli, Tehsil - Morena, Distt.- Morena (M.P.)

Case no. 398/2009 of Shri Suresh Singh Rajput, Chairman, Ganesh Khaivariyan Kamgar Udyog Sahakari Samiti Station Road Banmore Distt. Morena (M.P) - Flag-stone 10.0 Ha at Khasra No. 579, 580, 583/2, 584, 585, 586, 587, 588 and 592 Village- Mahatoli, Distt.- Morena (M.P.)

The cases were considered in the 67th meeting in October 2010 whereby, examination of the Public Hearing proceedings revealed that there were no adverse comments from the public but Collector Morena has pointed out that the proposed sites are in proximity of village Mahatoli and earlier complaints regarding damages due to blasting have been received during visit of the area, owing to the same Collector has recommended that the mine should not be accorded environmental clearance. In this context it was informed by the PP that Under Secretary Mining Department has requested the Collector to make a detailed enquiry into the matter and submit the report. Thus, Committee has decided to defer the case till submission of enquiry report from Collector Morena. Collector Morena constituted a joint committee whereby a member from SEAC was also nominated. Letters from Collector were received by the committee to fix up a date for visit of joint committee. In this context it was decided by the committee to inform the Collector that at this point of time no member can be nominated from SEAC for the said visit, hence the visit may be conducted by the other members and the report may be forwarded to SEAC with clear recommendations based on the findings.

Meeting ended with thanks to the chair.

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