

The meeting conducted on 3<sup>rd</sup> March 2012 was presided by Prof. V. Subramanian, in absence of the Chairman. Following members attended the meeting-

Shri K.P. Nyati, Member  
Dr Mohini Saxena, Member  
Shri A.P. Srivastava Member  
Shri R.K. Jain, Member Secretary

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

**1. Consideration of the Projects**

1. 03 cases were invited to make presentation before the SEAC.
2. Query reply and the discussions on miscellaneous issues were taken up after the deliberations.

**2. Meetings for April 2012:** Meetings for the month of April 2012 were decided for 9th and 10th of April 2012.

**Deliberations:**

**1. Case no. 661/2012** Sh. Rajeev Chadha, M/s Gandhigram Iron Ore/Blue dust, Laterite & Yellow Ochre Mine, Opp. – G.S. College Civil Lines, Jabalpur (M.P) Enhancement of Capacity of Iron Ore/Blue Dust, Laterite & Yellow Ochre Mine, at Khasra No. 1547, Village – Gandhigram, Tehsil- Sihora, Distt.- Jabalpur (M.P.) Area- 7.310 Ha. Proposed Capacity & Minerals – 3,00,000 MTPA ( Existing Capacity – 81000 MTPA) For – ToR Env. Consultant - Not disclosed. EC issued vide letter no.157/EPCO-SEIAA/09 dt. 27/07/09

Neither the PP nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in the coming meetings as per turn.

**2. Case No. 576/2010 – Shri Bhupatlal Kuderia, PO- Kupi, Distt. Chhatarpur (M.P) – Banki Girauli White Clay Mine Area- 12.0840 Ha with Prod. Cap.-2000 MTA at Khasra No. 65P, Village – Banki Girauli, Tehsil- Bijawar, Distt.- Chhatarpur (M.P) TOR issued vide letter no 871 dated 12/10/10 For – EIA Pres. Consultant – Creative Enviro Services, Bhopal.**

This is case pertaining to mining in lease area of 12.0840 Ha. The mining projects with lease area between 5 Ha and 50 ha are covered under the EIA Notification 2006 and mentioned at SN 1(a) column B. Hence, the project under subject is required to obtain prior EC from SEIAA. The case has been forwarded to SEAC for appraisal of EIA/EMP. PP and his consultant presented the case before the SEAC. It was observed by the

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committee that the Mining lease is valid only up-to 01/01/2014. The copy of mining plan submitted by the PP was found to be executed up-to 2008-09. During meeting PP has submitted that no mining has been done from 2006-07, hence he shall mine as per the existing mining plan. Committee is of the view that with out latest mining scheme environmental issues can not be addressed appropriately hence committee asked the PP to submit revised Mining Plan / Scheme duly approved from IBM. The case was deferred till submission of the same.

**3. Case No. 667/2012** Mr. Dinesh Gupta, M.D., M/s Prabhatam Infrastructure Ltd. Rastriya Tower, 38, Rani Jahansi Road, New Delhi- 55 "Prabhatam Heights" Group Housing project Village- Hatai Khera, Raisen Road, Bhopal (M.P.) Plot Area- 8,682.94 m<sup>2</sup> Buil - Up Area- 1,26,942.49 m<sup>2</sup> For- Building Construction **Env. Consultant – Grass Roots Research & Creation India (P) Ltd. Noida (U.P.)**

This is a Project pertaining to development of township Building and Construction projects with total plot area of 8,682.94 Sq.m. (8.68 Hect) and built up area of 1,26,942.49 sq. m.. Such projects with built-up area between 20000 m<sup>2</sup> and 1,50,000 m<sup>2</sup> are covered under the Schedule of EIA Notification 2006 in category B at S.N. 8(a). Therefore are required to be appraised by the SEAC. As built –up area is less than 1,50,000 m<sup>2</sup> and plot area is less than 50 Ha EIA is not required for the project. The salient features of the project were presented by the PP and his consultant before the SEAC. The submissions and the presentation reveals following:

**Project Location**

- Village Hatai Khera Tehsil Huzur, District Bhopal (M.P)
- The site is 17.82 Km away from Bhopal Airport.
- The Nearest railway station (Bhopal Habibgunj Railway station) is 6.80 Km
- The nearest highway is NH-86 at 0.66 Km from the site.
- Hatayekheda Lake is at a distance of 1.33 km from the site.

SN.	PARTICULARS	DESCRIPTION
1.	Water Requirement	1322 KLD (Potable demand = 791KLD)
2.	Electricity Requirement and Source	5340 KVA (MPSEB)
3.	Power back-up	1320 KVA (2 x 500 KVA+1 x320 KVA)
4.	Total Population	9654 Persons
5.	Solid waste Generation	4437.6 kg/day
6.	Parking facilities:	<b>1365 ECS</b>

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**Waste water management with EMP**

Likely Impact	Management / Mitigative Measures
a) During construction phase	
<ul style="list-style-type: none"> <li>➤ Source : Private Tankers</li> <li>➤ Approx. Water Demand = 634.71 ML</li> <li>➤ Wastewater Generation from labour hutments = 3.5 KLD</li> </ul>	Mobile sulabh shauchalaya type toilets to be provided.
b) During operation phase	
Source : BMC Water supply Total Water Demand = 1322 KLD <ul style="list-style-type: none"> <li>• Domestic = 1130 KLD</li> <li>• Horticulture = 187 KLD</li> <li>• DG cooling = 5 KLD</li> </ul> Waste Water Generation = 972 KLD	<ol style="list-style-type: none"> <li>1. Water demand will be reduced after STP operation.</li> <li>2. STP of 1200 KLD capacity is proposed to be installed.</li> <li>3. Treated water is proposed to be used in flushing, horticulture, cooling purposes of D.G sets &amp;.</li> <li>4. All urinals in toilets will have automatic flushing through sensing devices.</li> </ol>

**Solid Waste Management**

S. No.	LIKELY IMPACT	MANAGEMENT/ MITIGATIVE MEASURES
<b>A) DURING CONSTRUCTION PHASE</b>		
1	Solid waste of the type waste bricks, concrete, MS rods, tiles, wood etc. is expected to be generated periodically.	<ol style="list-style-type: none"> <li>1. Construction yards are proposed for storage of construction materials.</li> <li>2. Construction work generated solid waste is proposed to be collected and disposed off through vendors.</li> <li>3. Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the group housing project.</li> <li>4. Remaining soil shall be utilized for refilling / road work / raising of site level at locations / selling to outside vendors for construction of roads etc.</li> <li>5. There shall be "Refuse Containers" at site for the management of domestic waste generated by the construction laborers and these containers shall be emptied at least once daily.</li> </ol>
2.	Soil will be excavated periodically from earth work in phased manner.	

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S. No.	Description	Occupancy (Persons)	Total Domestic Solid Waste Generation Kg/day)
1.	RESIDENTIAL		
	For Group Housing (@ 0.5 kg/capita/day for residents and 0.15 kg/capita/day for Visitors)	8070 Visitors = 404 (@5% of Total Residents)	4,035 60.6
		Total (1)	4,095.6
2.	COMMERCIAL		
	For Club, Convenient shop, Community Hall (@0.25 kg/capita/day for Staff and 0.15 kg/capita/day for Visitors)	Staff = 57 Visitors = 650	14.25 97.5
		Total (2)	111.75
3.	SCHOOL (@0.25 kg/capita/day )	Students = 400 Staff = 30	100 7.5
		Total (3)	107.5
4.	Maintenance/ Security Staff (@0.25 kg/capita/day )	43	10.75
		Total (4)	
5.	Landscape waste (@15kg/day/acre)	Total (5)	112
	<b>Total</b>		<b>4,437.6 kg/day</b>

Rain Water Harvesting system has been proposed in the project with following features:

- 9 nos. of geo-textured recharge pits are proposed to be provided within the project premises.
- Arrangements shall be made so that no sewage or wastewater may flow into the rain water harvesting system.

**Air Pollution Control (Operation Phase):**

- The major source of air pollution in the project shall be vehicular movement and DG sets.
- To combat air pollution (PM10 & PM 2.5, SO2, CO, HC and NOx), development of green belt has been proposed and proper traffic management would be ensured.
- Stack height 6 m (above the roof top) is proposed to be provided as per CPCB guidelines.
- All the DG sets to be used during the construction phase will be low sulphur diesel type.

**Dust Suppression System (Construction phase):**

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

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**Green Area Development proposed in the project:**

- Green area measures approx. **35.12% (30,287.35 m<sup>2</sup>)** of the total plot area.
- 4,579.44 Sq.m area (15.12%) of total landscape area is being developed into Organized Green, having equal distribution of herbs and shrubs and the remaining 20% will be developed into greenbelt i.e tree plantation.
- A diverse variety of evergreen and ornamental trees endemic to the region would be planted.

**Energy Conservation proposed in the project:**

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

**The following ECBC Norms have been proposed:**

- The buildings have been oriented such that they maximize the use of natural light and ventilation. Natural ventilation complies with the design guidelines provided for natural ventilation in the NBC of India.
- Passive architectural elements have been incorporated to reduced heat gain.
- The vertical fenestration area is within the maximum limit of 40% of the gross wall area as recommended by ECBC.
- Specification for the roofing systems shall be such that we achieve the desirable U value for roof as per ECBC.
- High efficiency CFL lighting has been proposed in all public areas and stand alone external solar Photovoltaic lighting is recommended.
- Equipment efficiency shall be as per IS code as recommended by ECBC
- It is proposed that all Transformer losses to be within the ECBC limits. The losses shall be certified by the manufacturer and also be measured periodically. Calibrated digital meters of 0.5 or better accuracy shall be used for measuring the losses.
- Switching arrangements for lighting control shall be done so as to maximize use of day lighting.

Budget for Environment Monitoring Plan as proposed by the PP is as follows:

Construction Phase- Rs. 5.0 Lakhs and Operational Phase 7.0 Lakhs

After deliberations committee has observed following issues which have to be clarified by the PP:

1. The proposed site is located in vicinity of Hataikeda Lake and Ghoda Pachhad dam within 05 Km radius. A non-perennial nalla is also passing across the site bifurcating the plot into two parts. – PP is required to furnish following information pertaining to this fact – Origin of nalla and its termination. The protection measures for all the above mentioned water bodies should also be furnished.
2. Height of the buildings is reported to be less than 30 meters; in this context the PP is required to furnish following information with supporting documents justifying the guidelines issued vide O.F. of MoEF no. 21-270/208-IA.III dated 07/02/2012 - width

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- of road (right of way), NOC from fire department, distance from location of fire station, NOC from state Disaster Management Authority.
3. It is noted that High Security Animal Disease Laboratory is operating in the near by area; distance of the project site from this lab has to be furnished.
  4. STP: A write-up of the proposed STP with design details to be furnished.
  5. MSW & sludge is proposed to be disposed off at the MSW disposal site of Bhopal Municipal Corporation; agreement / consent of BMC along with the financial implications to be submitted in this context.
  6. A corpus fund should be created for execution of environment related obligations, accordingly plan to be submitted.
  7. Consent of Bhopal Municipal Corporation for supply of water to be submitted.

**Query Reply discussion – 03/03/2012**

**1. Case no. 548/2010 - M/s Eastern Minerals Bhagwanthpura 5<sup>th</sup> K.M., Mauranipur Road, Jhansi – (U.P.) Diaspore Pyrophyllite Mine 9.67 ha. at Village Nandanwara, Tehsil. - Jatara, Distt. – Tikamgarh –(M.P.) Cap. 1360 & 15530 Tonnes of**

The case was discussed in the 88th SEAC meeting dated 13/02/2012 whereby the PP was asked to submit following information with supporting documents:

- Affidavit with commitment for conservation of existing worship place and proper approach road for the visitors visiting the temple to be furnished.
- Written commitment for safe blasting operations strictly as per the guidelines issued by the concerned authorities to be submitted.
- Budgetary provisions for the CSR activities to be furnished.

PP has submitted the above information along with the supporting documents. Committee is satisfied with the EIA, EMP and other submissions of the PP, therefore decided to recommend the case for grant of prior Environmental Clearance subject to the following special conditions:

1. The water requirement shall not exceed 9.5 KLD.
2. Thick green belt around the mining lease and along the haulage roads.
3. Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
4. The clear water from the holding tank shall be used for various mining activities including the horticulture.
5. Controlled blasting and / or drilling will be carried out in the mining. The wet drilling system will be adopted.

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6. Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.
7. Under no circumstances the existing plantation shall be removed in the project boundary.
8. Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
9. Dense plantation has to be carried out in the lease area as per the plan submitted.
10. Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
11. Minimum wages shall be paid as per the Govt. norms.
12. Pits shall be properly fenced to avoid accidents.
13. Water body proposed at the end of mining should be developed aesthetically.
14. Conservation of existing worship place and proper approach road for the visitors visiting the temple shall be provided as per the public hearing commitment.

**2. Case no. 545/2010 - M/s Smt. Shakuntala Kasal, Ward No. 13, Rain Road Wara seoni, Distt-Balaghat-M.P.** Manganese ore mine 6.985 at Village-Hathoda, Teh- Katangi, Distt.- Balaghat-M.P. ToR issued vide letter no. 13 dt.13/01/11 This is a case of production enhancement from 1000 MT/Year to 9720 MT/Year.

The case was discussed in the 83rd SEAC meeting dated 08/11/2011 whereby compliance report for the EC and consent conditions were called from the MPPCB through its Regional Office before recommending the case for grant of EC. The report received from the Regional Officer MPPCB Jabalpur very brief and with out recommendations. Hence it was decided to call a report from Regional Office comprising point-wise compliance of EC conditions and recommendations.

**3. Case no. 477/2009 – Shri Nimish Arora, Director, M/s Aarone Developers Pvt Ltd, 6 th Floor, Office Tower, Select City Walk, A3, District Centre Saket, New Delhi – 017. Received from SEIAA through 80th Meeting dt. 19/01/2012.**

Initially the case was recommended by the SEAC through 44th meeting dated 23/12/2009, after detailed appraisal of the project including the EIA report. The case was returned by SEIAA for reconsideration through its meeting dated 04/08/2011. The case was reconsidered in the SEAC meeting dated 09/11/2011 and was recommended for grant of prior EC. Presently the project has been returned by SEIAA through its meeting dated 19/01/2012, stating that:

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- As the land area is more than 50 Ha and the built up area is also more than 150000 m<sup>2</sup> it comes under B-1 category and EIA is mandatory.
- TOR should have been issued by SEAC to carry out EIA as per notification dated 04/04/2011.

After examining the matter SEAC found that the case was dealt & recommended in its 44th meeting dated 23/12/2009 and scoping was not mandatory then as MoEF Notification dated 04/04/2011 & 25/01/2012 did not exist. Appraisal of the EIA report and other submissions has already been done by the SEAC twice strictly as per the provisions of EIA notification. At this point of time SEAC finds no reason to repeat the whole exercise of appraisal. Copy of the Notifications dated 04/04/2011 & 25/01/2012 are enclosed herewith.

Committee decided to send back the case to SEIAA for necessary action.

- 4. Case no. 665/2011.** Mr. Mahendra Bulchandani, Partner, M/s Rishikesh Nirman Colonizers Developers, E-2/68, 1st Floor, Arera Colony, Bhopal (M.P.) – 16 - Group Housing Project "The Bellaire" at Khasra No. 471/2, 471/2/1 & 471/3, 503/1/2/3, 503/1/2/3, 503/1/1/4, 503/1/1/6, 503/1/1/5, 503/1/2/2, 503/1/1/3, 503/1/2/4, 503/1/1/2, 474/1/1 Village – Gondermou, Tehsil - Huzur, Distt.- Bhopal (M.P.) Plot area – 33,155.73 m<sup>2</sup>, Built Up area – 48,967 m<sup>2</sup>-

The case was discussed in the 85th SEAC meeting dated 13/12/2011 whereby the PP was asked to submit following information with supporting documents:

1. Permission / Commitment from Bhopal Municipal Corporation for supply of requisite quantity of fresh water.
2. Land diversion certificate for complete authority. **(Applied by PP – Permission not issued)**
3. Fund allocation, its operation and commitments from the PP for execution of Environmental Management Plans and the required monitoring.

PP has submitted the information pertaining to point no. 1 and 3, however, land diversion paper is yet to be submitted, hence same may be asked from the PP.

Meeting ended with thanks to the chair.

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