

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

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

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

2. Consideration of the Projects

10 cases were invited to make presentation before the SEAC. Discussion on query reply and other miscellaneous issues were also taken up in the meeting.

Proceedings:

**1. Case No. 557/2010 - M/s Madhya Bharat Agro Products Ltd, Manohar Raghuwanshi 127, Rachna Nagar, Bhopal-(M.P.) - Beneficiation of Rock phosphate (BRP) Capa. – 90,000 TPA, Plot area 9.27 ha. at Saurai Industrial Area, Patwari halka 19/86, khasra no.166/1, Village- Saurai, Teh- Banda, Distt-Sagar-M.P. ToR issued vide letter no 436 dt. 24/06/10 EIA Presentation
*Env. Consultant- Enviro Techno Consult Nagpur***

Mineral beneficiation projects with production capacity < 0.1million ton/annum mineral throughput is mentioned at S.N. 2 (b) Col B of the EIA Notification 2006 hence is required to obtain prior EC under the provisions of the said notification. The present case pertains to beneficiation of Rock phosphate (BRP) Capa. – 90,000 TPA, Plot area 9.27 ha. at Saurai Industrial Area, Patwari halka 19/86, khasra no.166/1, Village- Saurai, Teh- Banda, Distt-Sagar-M.P. PP with consultant presented the salient features of the project with details of EIA and the EMP before the committee. The submissions and the presentation made by the PP & his consultant revealed following:

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Details of location	Patwari Halka No. 19/86, Khasra No. 166/1, Village: Saurai, Tehsil Banda, Dist. Sagar.(SAURAI INDUSTRIAL AREA). The area has been developed by the DIC Sagar and is not a notified industrial estate of AKVN. Total area allotted to the industry is 9.27 Ha out of 91.50 Ha.
Proposed capacity	300 TPD (90,000 MTPA) Beneficiated Rock Phosphate (BRP)
Power requirement	12000 KWH
Power Consumption	40 unit per ton of through put
Water requirement	300 m3/day (fresh water) - Source – Ground water.
Estimated cost	Approx. 14.0 Crores
Nearest habitation	Village Saurai - 1.5 km in west.
Nearest City	Banda – 3.0 km – SE
Habitation in Core Zone	None
Nearest Railway Station	Makronia - 18 km
National Park/ Heritage site	None within 10 Km radius around the site.
Ecological Sensitive Zone	None with in 10 Km radius around the site.
Interstate boundary	None with in 10 Km radius around the site.
Forest	Boundary of the forest is 2 Km from the Industrial area as per the DFO letter dated 08/05/2009
Nearest NH	NH – 86, at 800 m

Documents submitted by the PP:

- Land allotment letter from District Trade & Industries Center Sagar.
- Permission from CGWA for abstraction of 300 KLD ground water.
- NOC from Forest Deptt for whole industrial area.
- NOC from Gram Sabha
- Industrial License from Ministry of Comm. & Industry Deptt. for 99,000 MT/Year.

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- Feasibility report.
- Affidavit for using authentic data in the EIA report.

Manufacturing Process

Crushing shall be done by jaw crusher & hammer mill to -6 mm size followed by removal of ferrous material. The material is then subjected to wet grinding in fine ore beam and further grinding to -200 mesh sizes. Slime thickener is added followed by floatation. Dewatering on belt shall be done followed by drying. The tailings will be about 50 to 60 per cent of throughput. Sodium silicate & sodium oleate is proposed for conditioning. Dust control equipment will be installed.

Raw Material consumption shall be:

Name	Yearly Requirement (MT)
Low Grade Rock Phosphate (P ₂ O ₅ -13%)	99000
Sodium Silicate(SS) (Reagent)	180.0
Sodium Oleate (SO) (Reagent)	90.0
Grinding Media(GM) (Reagent)	75.0
Total	99345 MT

PP has submitted a copy of report obtained from BARC which indicate presence of U-238 to the tune of 7.2 ± 0.7 ppm it was reported by the PP that the concentration of Uranium is in safe limits.

Land area break-up

Particulars	Area (ha)
Plant	0.2
Raw material storage	4
Finished goods storage shed	0.2

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Thickener	0.15
Tailing pond	0.8
Green belt	3.25 (about 33%)
Office building	0.05
Open space	0.62

Air Quality Management:

- Green belt development along the road side and in the plant area.
- Use of water sprinkling system for the inside road for dust suppression.
- Over charging shall be avoided during the process of crushing.
- Proper maintenance of haulage roads which are being used for transportation of material.
- Dust mask will be provided to all workers working in dusty atmosphere.
- To prevent spillage of materials by avoiding Overloading of trucks.

Water Management

- ❖ 50-60% water trapped in tailings will be reclaimed.
- ❖ Tailings will be pumped to thickener to produce sludge of 40-45% solids w/w.
- ❖ Sludge will be transported to 'Tailing/Water Reclamation ponds' for further concentration of solids.
- ❖ There would be four ponds 80 x 80x 2 m with interconnection and facility to recycle effluent sequentially from one pond to the previous.
- ❖ Decanted water will be reused.
- ❖ Water recovery is designed up to 50%. Decantation wells will be provided.
- ❖ Total water requirement for the project has been estimated to 1200 cum per day out which 900 cum shall be reused in the process and 300 cum fresh water will be required per day. Almost 90 % water shall be re used in the process.
- ❖ Rain Water Harvesting System: shall be installed in accordance to the approvals of CGWA.

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Quantity of Solid Waste: 150 MT/day - It will be dumped within plant premises and is proposed to be used for bricks manufacturing.

Health & safety of workers

- Provision of rest shelters for Plant workers with amenities like drinking water, fans etc. is proposed.
- First aid facility shall be provided at site.
- Periodical medical check up camps shall be organized for worker and staff.
- Operation of plant will be as per factory act.

CSR Activities and fund allocation proposed by the PP:

S. N.	CSR Field	Fund allocated (Annually)
1	Education/Training	2,00,000/-
2	Infrastructure & village development	4,00,000/-
3	Medical Facilities	2,00,000/-
4	Green area development	5,00,000/-
5	Religious purpose	1,00,000/-
	Total	14,00,000/-

Public Hearing Proceedings: Public hearing issues were discussed by the committee in length. Most of the demands by the people pertain to employment to the local people and PP has committed to provide the employment to the local people as per qualification and requirement. Othewr issue pertaining to plantation and fresh water supply, education etc were also agreed by the PP. Committee was satisfied by the PP's response in the public hearing.

After deliberations committee was satisfied with the EMP and other submissions of the

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proponent and decided to recommend the project for issue of prior environmental clearance subject to following special conditions:

1. Total water requirement shall not exceed 300 KLD and per the proposal submitted, 100% waste water shall be re-cycled in the process. No water shall be discharged outside the premises.
2. Garland drain surrounding the raw material storage area has to be constructed which shall be connected to the treatment plant. Efforts shall be made to make use of the rain water harvested.
3. Tailings generated from the process shall be used for brick manufacturing / building material as far as possible. Storing / dumping of this waste should be avoided, however if stored or dumped the ground water monitoring of the area has to be carried out periodically in consultation with MPPCB.
4. Dense green area (not less than 33% of the total plot area) shall be developed all around the site especially in the predominant wind direction.
5. Occupational health check-up camps shall be organized regularly and records of health of each and every worker should be maintained at site.
6. National Ambient Air Quality Standard issued by the Ministry vide GSR No. 826 (E) dated 16/11/2009 shall be followed.
7. Secondary fugitive emissions from all sources shall be controlled within the latest permission limits issued by the Ministry and regularly monitored. Guidelines / Code of practice issued by CPCB shall be followed.
8. Regular monitoring of influent and effluents surface, sub-surface and ground water shall be ensured and treated waste water shall be re-cycled in the process. Leachate study for effluent generated & analyses should also be regularly carried out and report submitted to ministry and MPPCB.
9. Risk & Disaster Management Plan along with the mitigation measures should be prepared and copy shall be submitted to Ministry & MPPCB.
10. At least ₹14 Lac shall be spent towards the CSR activities as per the proposal submitted by the proponent during presentation.

2. Case No. 602/2010 - M/s Krishna Phoschem Ltd, Manohar Raghuwanshi, 127, Rachna Nagar, Bhopal Bhopal (M.P.) - SSP Plant at MPAKVN, Industrial area, plot No. 118-B, 119, 120 Megh Nagar, The- Jhabua,

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Distt-Jhabua-(M.P.), Capacity: SSP Powder 1,20,000 MT/Y and Granulated SSP-90,000 MT/Y. ToR issued vide letter no 15 dt. 13/01/11- **EIA Presentation**

Env. Consultant Asian Consulting Engineers (P) Ltd. N. Delhi.

This is a proposal for establishment of SSP plant in premises of existing Rock Phosphate Beneficiation Plant (Cap. 1.0 Lac TPA). Production capacity proposed of the proposed SSP plant is SSP Powder 1,20,000 MT/Y and Granulated SSP-90,000 MT/Y. The activity is covered in the Schedule of EIA Notification 2066 as amended at SN. 5(a) Col B, hence is required to obtain prior EC from the SEIAA. The EIA report and other aspects of the projects were presented before the committee by the PP and his consultant. The presentation and the submissions made by the PP revealed following:

Project Location:

Location	118-B, 119, 120 AKVN Industrial Area Meghnagar Jhabua, Madhya Pradesh
Proposed Project Capacity	120,000 MTPA SSP & 90,000 MTPA GSSP
Latitude & Longitude	22°54'13" N & 74°32'45" E
Nearest National Highway	NH-59 - 13.4 km away; Meghnagar-Thandala-Baswada State Highway - 1.9 km away
Nearest Town	Meghnagar at 2.5 km
National Park, Sanctuaries, Biosphere Reserve, Wildlife corridors, Elephant/Tiger	No Eco sensitive area or sanctuaries within 10 km radius
Nearest River	Anas River at 5.2km

Area Statement

Sl. No.	Particulars	Area (ha)
1	Total Land available	7.6
2	Area of plant existing BRP Plant	1.8
3	Area for SSP/GSSP Plant	0.75

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4	Area for Raw Material storage	0.15
4	Finished good storage	0.25
7	Existing Green belt area	1.8
8	Proposed Green belt area	1.0
9	Open area	1.85

Manufacturing Process:

Rock phosphate is treated with sulfuric acid. SSP is the product of reaction between sulfuric acid and phosphate rock. The calcium fluoride present in the rock phosphate produces corrosive hydrogen fluoride gas. The HF reacts further with Silica and water (scrubber system) to produce hydro fluo silicic acid (recycled again for dilution of sulphuric Acid).

Raw Material

Sl. No.	Name	Quantity /Ton SSP	Source
1.	Rock Phosphate (Slurry)	0.57 T	From existing BRP plant
2.	Sulfuric Acid (98%)	0.36 T	Hindustan Zinc Ltd. Chanderia, Birla Copper Ltd. Baroda,

Water Consumption

- | | |
|-------------------------------|--------------|
| 1. Process Water for SSP Unit | : 96 |
| 2. Process Water for GSSP | : 48 |
| Domestic | : 05 |
| Scrubber (make-up) | : 20 |
| 3. Miscellaneous (Plantation) | : 16 |
| Total | : 185 |

Air Environment: Back ground air quality as revealed from the monitoring data provided in the report appears to be healthy with respect to the parameters monitored. The expected impacts after the proposed unit begins its operations are summarized below-

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Expected Impacts	Proposed Mitigation Measures
Construction Phase	
<ul style="list-style-type: none"> Fugitive dusts emission from construction activities. 	<ul style="list-style-type: none"> Regular sprinkling of water will be done. All construction equipment & vehicles used will be maintained to keep them in good working condition.
Operational Phase	
<ul style="list-style-type: none"> Emissions from the stacks attached to standby DG. As per the prediction of air quality modeling, there might be an increase in GLC of SPM in a distance of 800 m (towards south) from the project site Emission of HF from the manufacturing process 	<ul style="list-style-type: none"> Back up DG sets will comply the applicable emission norms. Adequate stack height for DG sets (3m) will be provided. Regular monitoring of emissions from DG sets To decrease the accumulation of GLC of SPM near by the project location, water sprinkling system and green belt should be provided in and around the project site Scrubber system will be used for removal of HF from the air

Water Environment - Back ground water quality as revealed from the monitoring data provided in the report appears to be healthy with respect to the parameters monitored. The expected impacts after the proposed unit begins its operations are summarized below-

Expected Impacts	Proposed Mitigation Measures
Water	
Construction Phase	
<ul style="list-style-type: none"> Wastewater generated from labor camps 	<ul style="list-style-type: none"> Will be treated in existing STP
Operational Phase	
<ul style="list-style-type: none"> The wastewater generated during the scrubbing activity 	<ul style="list-style-type: none"> Will be reused for sulfuric acid dilution

Health & Safety of the Workers

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Provision of rest shelters for workers & with amenities like drinking water, fans etc. are proposed to be provided. Training to employees for tackling chemical and fire hazards shall be provided by the PP. PPEs shall be provided to all the employees. First aid facility shall be provided at site along with an Ambulance for any emergency. Periodical medical check up camps shall be organized for worker and staff. Proper and safe storage of 740 MT Sulphuric Acid at site is also proposed.

Environment Monitoring Cell consisting Senior Executive Director Advisor (Environment)

Executive Director, General Manager, Site Engineers is proposed by the PP.

CSR Activities and fund allocation proposed by the PP:

Sl. No.	CSR Activities	Fund allocated Annually in Rs.
1	Education/Training	1,55,000/-
2	Infrastructure & development	2,00,000/-
3	Medical Facilities	1,45,000/-
4	Green belt	3,00,000/-
5.	Religious purpose	50,000/-
	Total	8,50,000/-

After deliberations PP committee has asked the PP to submit reply along with the supporting documents for the following queries:

1. Point-wise compliance of the terms & conditions of the EC & Air /Water Consents issued to the existing BRP plant.
2. Present status of plantation in the premises along with the photographs and the lay-out map showing area under green cover.
3. Executive summary of the EIA/EMP report.

3. Case No. 600/2010 - M/s Mittal Corporation Ltd, (Unit –II) Abhay Prasal, Race Course Road, Distt. - Indore - (M.P.) – 003 - SS wire rod of capacity 360000 MTPA at plot No 164 C Sec-3, Industrial area, Pithampur, Distt-

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Dhar-(M.P.) [(Secondary Metallurgical process- Cat. 3(a)]ToR issued vide letter no 17 dt. 13/01/11. For EIA Presentation Env. Consultant- *Creative Enviro Services, Bhopal*

This is a SS wire rod manufacturing project. All non –toxic secondary metallurgical processing industries manufacturing >5000 tonnes/annum metal components are covered under the EIA Notification 2006 as amended 2009 and are mentioned at SN 3(a), B. Hence these projects are required to obtain prior EC before establishment. The project is proposed in Notified Industrial Area at plot No 164 C Sec-3, Industrial area, Pithampur, Distt-Dhar-(M.P.). The proposed production capacity is 3,60,000 MTPA, it was reported that the company shall go for production of only 1.5 lac TPA initially. TOR to carry out EIA was issued to the project vide letter dated 13/01/2011. EIA was submitted by the PP 30/07/2011. In the meeting PP and his consultant presented the EIA / EMP reports before the committee. The presentation and submission made by the PP revealed various features about the proposed project which are summarized below.

Location aspects: The unit is proposed on plot No 164 C Sec-3, Industrial area, Pithampur, Distt-Dhar-(M.P.). The Industrial area is a Notified Industrial estate. Other aspects of the location are as below-

S. No.	Particulars	Proposed SS Wire Rod Plant
1	Longitude	75036'44" E
2	Latitude	22039'14" N
3	Climatic Conditions	Annual Average Rainfall:1365.9 mm; Pre-dominant wind directions: W
4	Existing Land Use	Waste land
5	Nearest Highway	Mumbai (NH-3) 25 km
6	Nearest Railway Line / Railway Station	Rau 30 km
7	Nearest Village / Township	Pithampur
10	Nearest River	Non within 10 km radius
11	Nearest Valley	Non within 10 km radius
12	Ecologically Sensitive Zones (National parks, Wildlife Sanctuaries)	Non within 10 km radius

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13	Historical Monuments/ Arch. centers:	Non within 10 km radius
14	Major Industries within 5-km radius	Mittal Unit -1, Pratap Steel, L&T Case, Tata Steel, legon, Kokila Group, Gagan Gases. Mellenium Structures.

Area Statement

Total land of factory	60,000 sqm (6.0 Ha)
Steel Shed	15552 sqm
RCC Buildings & Enclosures	4470 sqm
Non Technical Buildings	1264 sqm
Proposed Plantation	19800 sqm (33% of the total plot area)
Open Land	18914 sqm

Manufacturing Process:

The process of manufacturing S.S.& alloy steel Wire Rods and bars in coils basically consists of selecting billets of correct steel composition, heating the billets in the Reheating Furnace to a temperature of 1200 deg C suitable for hot rolling. The rolling process consists of passing the hot billets through number of rotating pairs of grooved rolls. The hot stock material then passed through 10 closely spaced fixed reduction stand driven by common motors in “No Twist” wire rod block to get wire rods in required sizes in coils. For Bars the Stock material goes to cooling bed after leaving the last stand no. 21 in the required dimension and finally both the product transferred to finished product storage bay for dispatch after inspection.

- Raw material Requirement - SS Billets – 1.04 MT per ton of production
- Water requirement – 1020 kld, source – MPAKVN
- Fuel Requirement – CNG (from GAIL) or Furnace oil (50 Lt/ton of production) (Stand by).
- Electrical Power Requirement - 26.25×10^6 kwh

Air Environment

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- No Major stationary source of air pollution is observed as use of CNG has been proposed for Reheating Furnace.
- In the absence of gas, furnace oil shall be used to charge Reheating furnace in view of the same a 60m high Chimney has been proposed as per the norms.
- Fugitive emissions are expected from other activities such as vehicular movement, loading un-loading etc.
- To control the fugitive emission all internal road shall be constructed from tar / concrete. Regular water spraying shall be done for dust suppression.
- All material handling points shall be covered.

Water Environment

No water pollution is expected from the process as such. However following sources for water pollution are observed in the project:

- Blow down from contact water system- 10 cum/hr. shall be used for dust suppression on plant roads & field area.
- Wastewater from toilets - 6.5 cum / day, shall be treated & disposed off through Septic tank attached with soak pit

Hazardous Waste

- Oil & grease from the oil skimmer in scale pit & settling tank shall be generated to the tune of 7.5 KL / annum. The same shall be collected in barrels and disposed off to authorized recyclers.

Occupational Health & Safety Measures

The working personnel in the proposed unit shall be provided various protective equipments such as Industrial safety helmet, Crash helmet, goggles, Welder equipments for eye and face protection, Cylindrical type earplug and ear muffs, Safety belts & Industrial safety shoes with steel toe etc. Beside above it was also reported by the PP that every employee shall be covered under ESIC scheme along with their private insurance

Documents submitted by the PP:

- EIA/EMP report.
- Land allocation documents issued by MPAKVN, Dhar.
- PFR for production capacity of 3,60,000 MTPA.

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- Affidavit stating the authenticity of data used in EIA /EMP.
- Copy of agreement with GAIL for supply of CNG.
- Copy of registration from Industries Deptt.
-

After deliberations committee decided to call comments from the Regional Office of MPPCB, Dhar (as per MoEF Circular). Simultaneously, committee has asked the PP to submit following information along with the supporting documents:

- Copy of Executive Summary of the EIA/EMP report.
- List of surrounding industries with their locations on lay out map of the Industrial Estate.
- Proposal for heat recovery and its best utilization to be submitted.
- Proposal for the low NOx burners to be submitted.
- Plantation scheme with provision of 10 m green belt and plant species (thick canopy plants) to be submitted.
- In order to conserve water, PP has to explore the possibility of increasing C.O.C. (Cycle of Concentration) in the cooling towers and detail the same to be submitted.

4. Case No. 624/2011 - Mr. KBR Sood, Director (P) M/s Chhindwara Coal Washing (P) Ltd. Promoted by – Mideast Integrated Steel Ltd. (MESCO) Madhya Pradesh Tandsi Coal Washery D/12, Freedom Fighter Enclave, Gate No. 4,IGNOU Road, Nebasarai, N. Delhi- 68 Proposed 0.4 MTPA Tandsi Coal Washery at Khasra No 59 & 63 Dungaria & Khasra No 2,4,5,7 & 8Semarkuhi , Tehsil – Junardeo,Distt.-Chindwara (M.P.) For ToR

Coal washery projects with production capacity <1million ton/annum throughput of coal are mentioned at S.N. 2 (a) Col 'B' in the Schedule of EIA Notification 2006. Hence such projects are required to obtain prior EC under the provisions of the said notification. The present case is a Coal washery project with capacity to the tune of 0.4 MTPA. The project is proposed at Khasra No 59 & 63 village Dungaria & Khasra No 2,4,5,7 & 8Village- Semarkuhi , Tehsil – Junardeo,Distt.-Chindwara (M.P.). The salient features, PFR and the proposed TOR were presented by the PP before the committee which revealed following:

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Type of Coal Washery	Heavy Media Cyclone & Floatation Process- Process involves only simple washing of coal and removing impurities by wet process, entire water will be re-circulated in the process. Final reject of solid from thickner will be used in power plant.
Project cost	₹ 22 Crore
Clean Coal prod. capacity	0.14 MTPA (Ash Content: 17%) - for MISL Steel Plant. The clean coal shall be transported through rail / road.
Source of Coal	Tandsi-III and Tandsi – III Extn Mines
Area of Plot of the proposed site	11.850 Ha
Type of land	Waste Barren land
Location Aspects	Khasra No 59 & 63 village Dungaria & Khasra No 2,4,5,7 & 8 Village- Semarkuhi , Tehsil – Junardeo, Distt.- Chindwara (M.P.) Lat: 22° 10' 20" E; Long: 78° 29' 15 " N
Coal rejects generation	0.26 MTPA (Ash content: 46%)
Use of Coal rejects / middling	Proposed to be used in own proposed power plant (60 MW) nearby under process for prior EC with M.P. SEIAA. The material shall be sent through conveyor belts.
Water requirement & source	7.0 m ³ / Hr – shall be sourced from bore well.

Environmental Settings:

Nearest Highway	500 meters
Nearest village	Semarkushi less than 1 Km
Nearest major water bodies	River Kannan – within 1 Km in SW River Tawa- 7.5 Km in West
Archaeological Features	Reported- None in 10 Km radius
RF / PF	Bankatawa RF – 4 Km in SSW
Ecologically sensitive features	Reported - None in 10 Km area.

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Inter-state Border

Reported – none in 10 Km radius.

After deliberations committee has issued following additional TOR to carry out EIA / EMP:

- Exact distances of all the sensitive features (including the distance of boundary of Panchmarhi Bio-sphere Reserve & its buffer zone) have to be reported along with the GPS co-ordinates.
- River Kanhan is reported to be less than 1 Km from the site in this context appropriate plan has to be submitted to ensure that no discharge or seepage goes into the river.
- An Affidavit has to be submitted with EIA stating that data used in the report is original and has been generated / collected / analyzed by the project Proponent and that if any discrepancy or copying of data is observed at any point of time PP shall be held responsible.
- Justification for the land available for the project has to be included.
- Details of the Source of Air Pollution from different sections such as raw material storage, processing, maturation section etc. and control measures proposed for each.
- Composition of raw coal & beneficiated coal.
- Details of ETP showing the details of 'Zero discharge' from the unit.
- Detail chapter on Occupational Health & Safety has to be incorporated in the EIA/EMP.
- Hydrogeological study of the area has to be carried out in view of possible ground water contamination.
- Map showing details of surrounding industries with product to be provided.
- Layout of the premises showing locations of Power house, ETP, Reject / middling storage area and piezometric holes etc.
- Land ownership documents to be furnished.
- Copy of Registration from Industry Department.
- Onsite emergency plan duly approved from competent authority.
- Commitment for obtaining Public Liability Insurance Policy.
- Scheme for plantation in at least 33% of total plot area along with budgetary provision has to be submitted.

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- Impact of transport of raw materials and product on the surrounding environment up to the end user should be assessed and addressed in the EIA/EMP

5. Case No. 570/2010 - M/s A.P. Trivedi & Sons Main Road, Balaghat, Distt-Balaghat – (M.P.) - Ramrama Manganese ore mine 43.086 Ha. At Village Ramrama, Teh- Waraseoni, Distt- Balaghat-(M.P.) ToR issued vide letter no 596dt.9/08/10 EIA Presentation

Env. Consultant- Creative Enviro Services, Bhopal

This is a Manganese Ore Mining Project in an area of 43.086 Ha, covered under the EIA Notification at SN 1(a) Col 'B' [Projects with <50 ha ≥ 5 ha. of mining lease area] of the EIA Notification. Hence requires prior EC before commencement of any project activity. TOR was issued to the PP for carrying out EIA / EMP studies by SEAC vide letter dated 09/08/2010. PP has submitted EIA / EMP report for appraisal. The presentation on EIA & EMP was made by the PP before the committee in the meeting, which reveals following:

This is a case of existing mine presently closed. Method of mining is Open-cast as well as Under ground and Other than Fully Mechanized. Mining land comprises of - Govt. land & Private land. Lease period 1/07/2002 to 30/06/2022 Nearest Highway is State Highway at 8km from the site. Nearest Village – Peditola is 200 meters in NE. No Ecological Sensitive Zone and Historical Place reported but Reserve Forest Sonewani is reported at 250 meters. Water bodies present in the vicinity of the site are Katngajhari Canal-2.5km-SSE, Chapa Tank-1.25-SW Katangjhari Tank-1.25km-SE, Kas Nalla- 1.1km in west.

Land status: Mining lease has been renewed by M. P. Govt. for 20 year from 01.07.2002 to 30.06.2022., accordingly the lease agreement was executed between Collector, Balaghat and M/s A. P. Trivedi Sons in 2002

village	Khasra no.	Area in Hectares	Ownership status	Present land use	If Acquisition is require, Status of acquisition

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Ramrama	129	0.963	Govt.	Mine	Not required
	143	0.125	Govt.	Mine	
	145, 147/2	0.445	Govt.	Mine	
	146/1-2, 147/1-3-4	0.817	Bhumiswami area	Mine	
	148	0.53	Govt.	Mine	
	152	1.4	Bhumiswami area	Mine	
	153,387	1.279	Bhumiswami area	Mine	
	381	0.607	Govt.	Mine	
	382	0.615	Govt.	Mine	
	384	1.062	Govt.	Mine	
	385	0.947	Govt.	Mine	
	386	0.364	Bhumiswami area	Mine	
	388/1, 389/1	1.1	Bhumiswami area	Mine	
	390	0.324	Govt.	Mine	
	391,392	1.197	Govt.	Mine	
	393	0.959	Govt.	Mine	
	394	1.489	Bhumiswami area	Mine	
	395	0.242	Govt.	Mine	
	396	1.202	Govt.	Mine	
	397	0.943	Govt.	Mine	

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	398	1.408	Govt.	Mine	
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EMP		
Impact Zone	Type of Impact	Mitigation Measures
Around 10km radius	Air	<ul style="list-style-type: none"> ▶ Regular spraying of water by Tanker fitted water sprinkling system over haulage roads is in practice ▶ To reduce dust generation during loading operation water is sprayed over the muck pile; ▶ To reduce spread of dust, plantation along the mining lease boundary has been done and plantation is also done along haul roads. ▶ Periodic maintenance of haulage roads has been taken care and will continue in future ▶ All over burden dumps has been stabilized with trees, legumes, shrubs, and grass to prevent the erosion of soil and arrest the dust emission during windy days. ▶ Dust mask have been provided to all workers working in dusty atmosphere. ▶ Regular maintenance of vehicles and machinery's is being carried out in order to control emissions ▶ Dust due to drilling shall be minimised by using wet drilling method like water injection system
within mine premises	Noise	<ul style="list-style-type: none"> ▶ Workers have been provided with earmuffs, ear plugs etc. ▶ Hydraulic drills has been used for drilling;

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		<ul style="list-style-type: none"> ▶ All moving & non-moving parts of machine has been properly lubricated; ▶ A barrier of overburden has been made to reduce propagation of noise; ▶ All the basic equipments and various machineries have been kept well maintained. ▶ The lease are is having thick green belt which help in attenuating the noise level and development of green belt will continue in future
Within mine premises	Water	<ul style="list-style-type: none"> ▶ Existing dumps has been provided with garland drains which end into pond/pit. ▶ Bunds have been provided to remove the suspended solids. ▶ Drains are being cleaned properly to prevent the siltation ▶ The accumulated water is being provided to farmers of the villages also apart from using mining process ▶ Toilet facility has been provided near the office ▶ Stone pitching and bund has been observed to control the soil erosion
Within mine premises	Land	<p>Following measures should be taken to avoid/minimise the adverse effects of ongoing mining activity. :</p> <ol style="list-style-type: none"> 1. The ground vibrations generated due to blasting has been comply with the limit provided by the DGMS. 2. Land reclamation will be carried out properly. 3. Proper stabilization of overburden dumps or proper utilisation of overburden dumps has

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		<p>been done</p> <p>4. Existing dumps has been provided with garland drains which end into pond/pit.</p> <p>5. During the first five year total 179905M³ (179150+755) wastes will be utilized for the backfilling in the Quarry-III and NE part of the area.</p> <p>6. During the conceptual period about 250415m³ waste will be generated from opencast while from underground mining about 33300m³ mine waste will be generated, which will be dumped by making of dump of 240x130x8-10m in the southeast part and 150x40m x 5-6 m in NW part respectively of the lease area.</p>
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Public hearing Issues (Adverse): Public hearing was conducted on 23.03.2011 from 11.00 pm at mine premises, Village- Ramrama, Dist Balaghat (MP). Total 103 people have attended the public hearing and certain suggestion (12 no. written & 3 no verbal) summary of PH proceedings is as below.

Name & Address	Raised issues	Comments of the applicant.
Indra kumar wagde, Ramrama	Demanded furniture and other support for the School in the area.	PP committed to extend all support for the school.
Aasha Ram Kaore, Ramrama	<p>1. seepage water from underground mine should be collected and be used for irrigation purpose</p> <p>2. Demanded effective CSR program for tribal of the region</p>	<ul style="list-style-type: none"> PP committed to collect Seepage water in pits/tanks for irrigation. PP committed for construction of community hall & annual fund of Rs 1.50 Lacs shall be provided to village panchayat to execute the developmental

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		programme for the tribal people.
Lalsingh marskole, Ramrama	Demanded RCC or dammar road from Nakatola to Peditola via mines camp.	The road is already proposed by government PP committed to extend whatsoever help is required for this road.
Parmananad Asatkar, Ramrama	Demanded an ambulance for the villagers.	PP stated that a vehicle has already is already provided for any emergency. However Ambulance was also committed by the PP.
Rajendra kumar kumere	Presence of wild animals in mining site should be reported immediately to forest department. APTS should be organizes health camp and of Malaria rodhi spray regularly	PP committed fro the same. PP committed to organize regular health camps and medical assistance.
Madhu Bhimte Sarpanch, Gram Panchayat, Ramrama	Abandoned opencast pit has been planted, plantation on dumps ahs been requested.	Further dense plantation has been committed by the PP on old dumps.
Gulab Thankre Secretary, Gram Panchayat, Ramrama	Fencing around the mine with plantation was requested.	PP committed for the same.

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Nagrik Adhikar Association “ANAYE” Rastriya Karyalai Sachive, Satna (written Comments)	Common allegations and suggestions are being sent by this group for all mining related public hearings.	PP has submitted point wise reply for all the issues.
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After deliberations committee found the submissions satisfactory. The EIA and EMP report presented by the PP and his consultant was found to be acceptable hence based on the information and the presentations made by the PP committee decided to recommend the case for grant of prior Environmental Clearance subject to the following special conditions:

- PP shall submit fresh NOC from forest department
- All OB dumps shall be stabilized using appropriate grasses & plants.
- OB shall be provided with garland drains which shall join the collection tank.
- PP shall obtain all mandatory permissions prior to commencement of production.

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

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

7. Case No. 554/2010 – Sh. D.A.Sahane, Asst. Manager (E & P West)
M/s Bharat Petroleum Corp. Ltd. Bhopal -Indore Bypass Road, Post-

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Bakania Bhounri, Bhopal, (M.P.) - *Mini LPG Bottling plant at Bakania Bhouri, Bhopal-M.P. Capacity; Storage capacity is proposed as 2X100 MT and bottling capacity is 4800 cylinders / day. Design capacity is reported to be 22 TMTA.*- ToR issued vide letter no 430 dt.24/06/10- **EIA Presentation**

[Env. Consultant- Projects & Development India Limited, Dhanbad (Jharkhand)]

The case is pertaining to storage and bottling of LPG hence is listed at SN 6(b) of EIA Notification 2006 and is required to obtain prior EC under the provisions of EIA Notification. The storage capacity is proposed as 2X100 MT and bottling capacity is 4800 cylinders / day. Design capacity is reported to be 22 TMTA. Cost of the project is ₹ 963.87 Lac. Source of LPG is Bina refinery Bina. The plant is proposed in the premises of existing POL Depot located at Bhopal- Indore Bypass Road, Post-Bakania Bhouri, Distt. - Bhopal (M.P.). It was informed that out of total area of 30 acres of depot the proposed LPG plant is planned in 8.48 acers. PP presented the salient feature of the projects and the location, which reveals that the industry operation involves unloading of LPG coming through tank-trucks into bullets / mounted storage, filling of LPG into cylinders and distribution of the same through packed trucks. Domestic water requirement is reported to be 3.5 KLD, which shall be obtained from ground water source. Fire water tank of capacity 2X1750 KL and fire water pump of capacity 2X16 KL/hour is proposed for installation. The bottling capacity of the bottling plant shall be 5000 cylinder per day in one shift. Proposed site located in notified industrial land.

The presentation and submissions made by the PP reveals following:

Location aspect of the project:

Latitude	23°15'55.19" N
Longitude	77°16'12.45" E
Altitude	252 m above MSL
Location	Bakania, 15 kms from Bhopal towards West
Nearest Highways	NH-12, 8-Km, towards NE
Nearest Railway Stn.	Bakania Railway Station <1km in North

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Nearest Village	Kolu Khedi Village at 1 Km towards NE
Reserved/Protected Forest	None in the study area (10 Km)
Eco-Sensitive Area	None in the study area (10 Km)
National Park	None in the study area (10 Km)
Temperature	Min : 18.6 ⁰ C/ Max: 39.5 ⁰ C
Dominant Wind Dir.	NW (13.80%), N (10.80%)

Facilities in the project

S.No	Name of Items	Capacity
01.	Storage of LPG	A/G Bullets (2x100 MT)
02.	Unloading Bay	2 Nos.
03.	Tankers to be unloaded at a time	2 Nos.
04.	No. of Carousel	1 (24 stations)
06.	LPG Pumps	2 x 27 m ³ /hr
07.	LPG Bulk Unloading Pump	1 x 45 m ³ /hr
08.	Air Compressor	2 x 200 CFM
09.	Air Drying Unit	1 x 200 CFM
10.	DG Set	1 x 250 KVA

Fire Fighting & safety Facilities:

1. Fire water tanks – 2 NOS (A/G) Capacity – 1900 KL each.
2. fire water pump – 3 NOS Capacity – 410 KL/Hr.
3. Jock key pump- 2 NOS Capacity – 16 KL/hr.

Other fire fighting and safety facilities provided in plant area include - DCP Extinguisher (10 Kg & 75 Kg Cap.), Manual & Electric Siren, CO2 Cartridge(4.5 Kg Cap.), Explosive meter, Fire proximity suit, Metal detector, Helmet & Safety Shoes, First Aid Boxes, Water Monitor & Hydrant, Sand Buckets, Red/Green Flag, EFCV at outlet of Bullet, Manual Call points, Emergency shut down, Gas monitoring system, MV spray & QB system, Safety fittings on Bullet, Carousal.

It was also reported by the PP that:

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- No extra land is required as 11.6 acres of vacant land available adjacent to existing POL Depot of M/s BPCL shall be utilised.
- It was reported that BPCL premises have already been declared as “Prohibited Place” by State Govt. as per GOI Confidential Act 1923 Section 2(9) & 3.
- Other infrastructural facilities are readily available within BPCL’s premises which shall be shared.
- All credible, partially credible and non-credible failure in the projects shall be taken care of in accordance to the guidelines laid by concerned department. The acceptable total individual risk (1×10^{-6} /year) contour for activities in the plant including the POL Depot remains mainly confined inside the plant premises.
- From RA study, it is recommended that installation of LPG Bottling Plant in the space available adjacent to the POL Depot shall be safe from risk point of view.
- Health check up of equipments and pipelines should be done at regular intervals to ascertain their integrity.
- Compliance of Approved TOR was presented.
- The proposed bottling plant shall not cause imbalance in the existing ecological settings.
- It shall not impart any adverse impact on environment components such as Air, Water, Noise, Soil, Ecology, etc.

Socio-economic Environment:

Proposed site is of 11.6 acres and barren land. No felling or cutting of trees is proposed in the project area. Hence, no displacement of habitats of fauna due to proposed bottling plant. A scientifically designed greenbelt development in the available vacant spaces of the project area is proposed to provide habitats to local fauna and improve the aesthetic value the area.

It would provide employment to about 100 local people during construction period. It is also expected to generate indirect employment in the form of lorry driver, lorry Khalasi, auto maintenance, refreshment shops and other necessary amenity providers.

After deliberations committee has asked the PP to submit information with supporting documents to the following queries:

1. Exact quantity of fresh water requirement for the project per day & its source with necessary permissions from the competent authority.
2. Quantity of industrial effluent generation (from cylinder washing, hydro testing, painting/repairing etc.) & its mode of treatment with design & drawing of treatment plant.

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5. Quantity of domestic wastewater generation & its treatment / disposal plan.
6. Details of rain water harvesting structures.
7. Proposal of continuous ambient air quality monitoring with respect to VOC and hydrocarbon in the area.
8. The hazardous waste has to be packed and stored in separate designated hazardous waste storage facility with impervious bottom and leachate collection facility, details of the plan to be submitted in this regard.
9. Disposal plan for all types of hazardous wastes to be submitted.
10. Plantation scheme with area statement, locations on lay out map and species of plants to be furnished.
11. Schedule of Mock Drills, Joint mock drills etc to be submitted.
12. Proceedings of Public Hearing have not been furnished with EIA report, the same have to be provided in compliance to the TOR.
13. Executive summary of the EIA report and declaration regarding authenticity of the data used in the report have to be submitted.

8. Case No. 607/2010 M/s IVRCL Infrastructure & Project Ltd, Office Camp, Village-Gyanpura, Jhabua Raod Dhar(M.P) 476001 - Mining Unit Khasra no.62/1/1 at village- Rangwasa Teh; Dapalpur, Distt.- Indore (M.P) Proposed Cap.- 12 Lac Cubic Meter/Annum.Produced-Basalt Rock,Total land area – 41.1 ha. Lease area – 37.5 ha. For ToR

Env. Consultant- In-situ Envirocare.

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 mining project of an existing mine Open cast and Other than fully mechanized type of mining is proposed. PP has applied EC.

The company has been issued Job Order for construction of four lanes Indore – Jhabua – Gujrat Border of NH-59 on BOT basis. MoEF (Govt of India) has already issued prior EC for widening and improvement of existing two lane road to 4/6 laning of Gujarat/M.P. Border to Indore Section vide letter dated 18/10/2010. The unit requires stone for construction of road. The stone shall be mined out from the quarry located in Khasra no.62/1/1 at village- Rangwasa Teh; Dapalpur, Distt.- Indore (M.P). PP has applied for mining of stone from the said quarry. The submission reveals following facts about the project:

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Land status: Temporary quarry-lease has been granted by Collector Indore (M. P. Govt.) as per M.P. Minor Mineral Rules 1996 for 01 year up to 30/06/2012.

It was reported during presentation that the job shall be completed in three years hence PP has requested prior EC for three years only. A stone crusher is also proposed for sizing of the mineral at site for captive use only.

Geographical location: 26°22'15" to 26°22'26" N & 78°07'14" to 78°07'28" E

s. no.	Tehsil	Village	Revenue circle	Patwari halka	Khasra no.	Area	Ownership	Land use
1	Dapalpur Distt. Indore (M.P)	Rangwasa	-	58	Khasra no.62/1/1	37.5 ha	Govt. land	Waste barren land

Documents submitted pertaining to land:

1. Temporary Putta.
2. NOC from Gram Sabha
3. Mining Scheme
4. PFR

Name of product: Stone

Production capacity: 3.0 Lac M³ / Year

Distance & Location of Lease area from	
Forest boundary	None in 10 Km radius
National park Wild life protection act 1982 etc.	None in 10 Km radius
Interstate boundary	None in 10 Km radius
Distance of project boundary from Critically Polluted area	None within 10km radius
Eco. Sensitive faetures	None in 10 Km radius
Distance from	07 Km from NH-59

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Highway	
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After deliberations Committee has decided to issue following additional TOR to carry out the EIA / EMP:

- Adequate air pollution control equipment as per the guidelines of MPPCB has to be installed in Stone crusher – plan to be submitted.
- Executive summary of the EIA report and declaration regarding authenticity of the data used in the report have to be submitted.
- Point-wise compliance of the ToR to be included.
- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- 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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- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

9. Case no. 397/2009 - 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, 78, & 580/2 Village- Moahatoli, Tehsil - Morena, Distt.- Morena (M.P.) Env. Consultant- Creative Enviro Services, Bhopal.- EIA

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 an Open cast mining project. PP has applied EC. The EIA/EMP was presented before the committee by the project proponent and his consultant. Salient features of the project as revealed from the presentation and submissions of the PP are as follows:

Land status: Quarry lease has been granted by M. P. Govt. for 10 year from 21-09-2006 to 20-09-2016.

s. no.	Tehsil	Village	Revenue circle	Patwari halka	Khasra no.	Area	Ownership	Land use
1	Morena	Mahtoli	3	58	572, 574, 575, 576,	10.0ha	Govt. land	grassland

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					577, 578 & 580/2			
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Documents submitted pertaining to land: Notarized/Citified copies of Panchsala Khasra.

Distance & Location of Lease area from	
Forest boundary	1km
National park Wild life protection act 1982 etc.	35km
Interstate boundary	Approx 30km
Distance of project boundary from Critically Polluted area	None within 10km radius

EMP

Impact Zone	Type of Impact	Potential Impact	Mitigation Measures
Around 10km radius	Air	Short term Minor negative impact inside the lease area. No negative impact outside of the lease area	<ul style="list-style-type: none"> ▶ Regular spraying of water by Tanker fitted water sprinkling system over haulage roads is in practice ▶ To reduce spread of dust, plantation along the quarry lease boundary will be proposed Periodic maintenance of haulage roads. ▶ All over burden dumps will be stabilized with trees, legumes, shrubs and grass to prevent the erosion of soil and arrest the dust emission during windy days. ▶ Dust mask will be provided to all workers working in dusty atmosphere.

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			<ul style="list-style-type: none"> ▶ Regular maintenance of vehicles will be carried out in order to control emissions
within mine premises	Noise	Short term minor negative impact inside the lease area. No significant impact at sensitive receptors	<ul style="list-style-type: none"> ▶ All moving & non-moving parts of machine has been properly lubricated; ▶ A barrier of overburden has been made to reduce propagation of noise; ▶ Blasting and drilling will not be carried out. Hence no noise will be generated. ▶ All mining work will be carried out by manual method
Within mine premises	Water	No significant impact.	<ul style="list-style-type: none"> ▶ Existing dumps have been provided with garland drains which end into pond/pit. ▶ Bunds have been provided to remove the suspended solids. ▶ Drains are being cleaned properly to prevent the siltation ▶ The accumulated water is being provided to farmers of the villages also apart from using mining process ▶ Domestic waste water has been collected in Soak pit
Within mine premises	Land	No negative impact.	<p>Following measures should be taken to avoid/minimize the adverse effects of ongoing mining activity. :</p> <ol style="list-style-type: none"> 1. Vegetation will be removed only from the specific site

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			on which extraction of mineral is to take place, if any. 2. Proper stabilization of overburden dumps or proper utilization of overburden dumps. 3. Proper and effective top soil management. 4. Garland drains have been proposed surrounding all the overburden dumps.
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Public hearing Proceedings: Public hearing was conducted on 27.07.2010 from 11.00 am at Collector Premises, Morena (MP). Total 41 people have attended the public hearing. No adverse comments were observed from the public general Public Opinion was to start the mine. However District Collector has recorded his disagreement stating that the mining shall cause pollution in the region. Later, on representation made by the PP Joint Committee comprising local authorities, Officers from Pollution Control Board and Collectorate visited the site and the report was submitted to the SEAC. The Joint Committee has recommended the project for issue of prior EC.

Based on the EIA, EMP and the DMP submitted/presented by PP and recommendations made by the Joint Committee, SEAC recommend the case for grant of prior Environmental Clearance subject to the following special conditions:

- Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
- The clear water from the holding tank shall be used for various mining activities including the horticulture.
- No blasting and / or drilling will be carried out in the mining.
- Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall be done.
- Under no circumstances the existing plantation shall be removed in the project boundary.
- Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
- Dense plantation has to be carried out in the lease area as per the plan submitted.

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- Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
- Major approach roads shall be black topped & properly maintained.

10. Case no. 398/2009 - 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- Mahtoli, Distt.- Morena (M.P). **Env. Consultant- Creative Enviro Services, Bhopal.**

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC. This is an Open cast mining project. PP has applied EC. The EIA/EMP was presented before the committee by the project proponent and his consultant. Salient features of the project as revealed from the presentation and submissions of the PP are as follows:

Land status: quarry lease has been granted by M. P. Govt. for 10 year from 21-09-2006 to 20-09-2016.

Geographical location: 26°22'15" to 26°22'26" N & 78°07'14" to 78°07'28" E

s. no.	Tehsil	Village	Revenue circle	Patwari halka	Khasra no.	Area	Ownership	Land use
1	Morena	Mahtoli	3	58	579, 580, 583/2, 584, 585, 586, 587, 588 & 592	10.0ha	Govt. land	grassland

Documents submitted pertaining to land:

5. Notarized/Citified copies of Panchsala Khasra: Submitted

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Name of product: Flagstone

Production capacity: 62106 m³/year

Distance & Location of Lease area from	
Forest boundary	1km
National park Wild life protection act 1982 etc.	35km
Interstate boundary	Approx 30km
Distance of project boundary from Critically Polluted area	None within 10km radius

EMP

Impact Zone	Type of Impact	Potential Impact	Mitigation Measures
Around 10km radius	Air	Short term Minor negative impact inside the lease area. No negative impact outside of the lease area	<ul style="list-style-type: none"> ▶ Regular spraying of water by Tanker fitted water sprinkling system over haulage roads is in practice ▶ To reduce spread of dust, plantation along the quarry lease boundary will be proposed ▶ Periodic maintenance of haulage roads. ▶ All over burden dumps will be stabilized with trees, legumes, shrubs and grass to prevent the erosion of soil and arrest the dust emission during windy days.

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			<ul style="list-style-type: none"> ▶ Dust mask will be provided to all workers working in dusty atmosphere. ▶ Regular maintenance of vehicles will be carried out in order to control emissions
within mine premises	Noise	Short term minor negative impact inside the lease area. No significant impact at sensitive receptors	<ul style="list-style-type: none"> ▶ All moving & non-moving parts of machine has been properly lubricated; ▶ A barrier of overburden has been made to reduce propagation of noise; ▶ Blasting and drilling will not be carried out. Hence no noise will be generated. ▶ All mining work will be carried out by manual method
Within mine premises	Water	No significant impact.	<ul style="list-style-type: none"> ▶ Existing dumps has been provided with garland drains which end into pond/pit. ▶ Bunds have been provided to remove the suspended solids. ▶ Drains are being cleaned properly to prevent the siltation ▶ The accumulated water is being provided to farmers of the villages

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			also apart from using mining process ▶ Domestic waste water has been collected in Soak pit
Within mine premises	Land	No negative impact.	Following measures should be taken to avoid/minimise the adverse effects of ongoing mining activity. : 7. Vegetation will be removed only from the specific site on which extraction of mineral is to take place, if any. 8. Proper stabilization of overburden dumps or proper utilisation of overburden dumps. 9. Proper and effective top soil management. 10. Garland drains have been surrounding all the overburden dumps.

Public hearing Proceedings: Public hearing was conducted on 27.07.2010 from 11.00 am at Collector Premises, Morena (MP). Total 41 people have attended the public hearing. No adverse comments were observed from the public general Public Opinion was to start the mine. However District Collector has recorded his disagreement stating that the mining shall cause pollution in the region. Later, on representation made by the PP Joint Committee comprising local authorities, Officers from Pollution Control Board and Collectorate visited the site and the report was submitted to the SEAC. The Joint Committee has recommended the project for issue of prior EC.

Based on the EIA, EMP and the DMP submitted/presented by PP and recommendations made by the Joint Committee SEAC recommend the case for grant of prior Environmental Clearance.

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Based on the EIA, EMP and the DMP submitted/presented by PP and recommendations made by the Joint Committee, SEAC recommend the case for grant of prior Environmental Clearance subject to the following special conditions:

- Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
- The clear water from the holding tank shall be used for various mining activities including the horticulture.
- No blasting and / or drilling will be carried out in the mining.
- Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.
- Under no circumstances the existing plantation shall be removed in the project boundary.
- Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
- Dense plantation has to be carried out in the lease area as per the plan submitted.
- Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
- Major approach roads shall be black topped & properly maintained.

Query reply response and Miscellaneous discussions

Query reply response

1. SEIAA through its 43rd meeting dated 10/12/2010

508/2010 M/s Shri Govind Reality Pvt. Ltd. P.B.-5,Block 'C', Mansarovar Complex, Bhopal(M.P.) Shopping mall with Multiplex at Bawadia Kalan,Teh.-Huzur, Distt.- Bhopal(M.P.), Total Plot Area – 15637 Sq.mt. built up area 52605 Sq.mt. **For Building Construction**

The case was discussed in the 50th meeting dated 22/03/2010, 58th meeting dated 02/06/2010, and finally recommended in the 65th meeting dated 29/09/2010 of SEAC

The case was reverted by SEIAA through its 43rd meeting dated 10/12/2010 for reconsideration on following ground:

- Rin Pustika showing the ownership of land and a summary EIA report mentioned at Appendix IIIA of EIA notification in the file to be obtained from the proponent.

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- It was also decided to ascertain from the SEAC if the work has been already started?

PP has submitted a copy of Rin Pustika and executive summary. SEAC has examined the documents and found that the submitted documents are satisfactory. Regarding initiation of construction work minutes of SEAC meeting dated 22/03/2010 reveals that this activity pertains to expansion of construction area from existing 18160 m² to 52605 m², that is, 18160 m² is already constructed area in this project. It was decided to ask the PP to clarify that construction beyond 18160 m² has been initiated or not. The case was deferred till submission from the PP.

2. SEAC Qry- 45 dt. 27/01/10

Case no. 99/2008- M/s Nirmala Minerals Pathak Ward P.O Katni, Distt Katni (M.P) 483501 *Dubiyara Iron Ore Mine, Nirmala Minerals Distt. Jabalpur, Area: 32.374 Ha, Prod: 0.20 Million T/Y.*

The case was presented before SEAC in the meeting dated 27/01/2010. PP was asked to submit following information with supporting documents:

- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:
 - It should be submitted either in original or as an attested copy.
 - It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
 - It should clearly state the distance of mining lease area from the forest boundary.
 - It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.
- Application/ Papers submitted for renewal of mining lease along with the relevant provision of the act and rules to be furnished.
- Leachate study of OB to be submitted.
- Air/Water Consent from MPPCB for operation of crusher.
- Full details of the nearby habitation with exact distances from the lease boundary and population etc.
- Written commitment for fulfillment of the public hearing issues to be submitted.
- Declaration from the PP and the consultant regarding use of authentic data /

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- facts /figures in the EIA /EMP to be furnished.
- Details of air pollution control equipments proposed in crusher to be furnished.
 - Use of Solar energy for utilities has to be explored and implemented.
 - Plan with commitment for plantation in 33% of project area within lease period to be submitted. Map showing green belt to be submitted.

Complete reply to the raised queries has not been submitted by the PP. The same may be asked from the PP.

3. SEIAA Query from 35th meeting held on 12th May, 2010

Case No. 161/2008 - M/s Kamadigiri stone crusher Udyog, Brij Kishore Sharma, Bhind M.P. *Stone Quarry Lease 20,000 MTPA stone mine 43.0 ha., Vill.- Dang,Teh.-Gohad,Dist. - tBhind M.P.,*

The case was returned by the Authority on following grounds: Complaint of Shri Lokendra Singh and other on 5/3/2010 to the Collector stating that a temple and school building is situated in Khasra no 824 of the mining lease. The proposed blasting activity may be dangerous to the villagers and animals. In response to the above query Following has been submitted by the PP:

- NOC from Archeology Department has been submitted by the PP. The NOC has been given for mining in Khasra no. 832, 853, 854, 855, 856, 857, 858, 859, 860, 862, 864 & 867 only.
- PP has submitted commitment to carry out mining operations in accordance to the conditions laid down in the letter of Archeology Deptt. Also PP has submitted that the mine is being operated by the Cooperative Society and closure of mine resulted in severe Unemployment problem in the region. In view of the above SEAC decided to recommend the case to SEIAA for grant of prior with following conditions:
- Emissions from the plant operations including crusher, screens, conveyor transfer points and storage facilities have to be checked through installation of wet dust suppression systems.

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- Screen of the stone crusher should be covered to minimize the fugitive emissions.
- Top soil should be preserved separately and should be spread over surface for plantation.
- Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
- Ground vibrations due to blasting operations should comply with the DGMS standards.
- Proper stabilization of OB dumps has to be ensured through appropriate plantation.
- Utilization of sub-grade mineral has to be ensured as far as possible.
- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Particulate matter emissions have to be maintained as per the MPPCB norms.
- Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
- Periodic health check up camps shall be organized by the proponent at mining site.
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.
- All safety equipments such as air masks, gum-boots, ear-plugs and helmets etc shall be provided for the mine workers as per the provisions.

4. SEIAA 45 meeting Qry dt.10/01/11

Case no 243/2008 M/s Emerald stone Industries, Gwalior M.P., Stone mining lease 9.00 Ha. at Chandpur, Distt.-Gwalior, M.P. (SEIAA 45 meeting Qry dt.10/01/11)

The above project was recommended by SEAC on 8th December 2010, for grant of Prior Environmental Clearance. The Authority asked the PP to submit revised Environment Management Plan, Disaster Management Plan and Environment Monitoring Plan. PP has submitted the requisite documents. SEAC has examined the revised EMP and DMP and found it satisfactory. The case has been dealt in detail in 59th meeting dated 29/06/2010 and 68th meeting dated 30/10/2010. The

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case is forwarded for grant of prior EC subject to following special conditions:

- Emissions from the plant operations including crusher, screens, conveyor transfer points and storage facilities have to be checked through installation of wet dust suppression systems.
- Screen of the stone crusher should be covered to minimize the fugitive emissions.
- Top soil should be preserved separately and should be spread over surface for plantation.
- Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
- Ground vibrations due to blasting operations should comply with the DGMS standards.
- Proper stabilization of OB dumps has to be ensured through appropriate plantation.
- Utilization of sub-grade mineral has to be ensured as far as possible.
- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Particulate matter emissions have to be maintained as per the MPPCB norms.
- Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
- Periodic health check up camps shall be organized by the proponent at mining site.
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.
- All safety equipments such as air masks, gum-boots, ear-plugs and helmets etc shall be provided for the mine workers as per the provisions.

5. SEAC Qry- 47 dt. 29/01/10

Case No. 413/2009 – M/s Jain Carbides & Chemicals Ltd. Plot No. 557, 563, 564 Urla Industrial Area Raipur (CG) - *Manganese Ore mining: 6.264 Ha at Khasara No.16/1 Village- Jagantola, Tehsil- Baihar, Distt.- Balaghat (M.P) Production capacity is 10,000 MTA . Env.Consultant- Creative Enviro Services, Bhopal.*

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The subject mine is in operation since 1996 and the subject mine has obtained Environmental clearance from Ministry of Environment & Forest, New Delhi under EIA notification 2006 on 27.09.2007 for open cast working, Since open cast working is not viable at this stage, underground working is proposed and as per notification PP applied for fresh EC towards change in technology. TOR issued was on 03.07.2009 and public hearing was conducted on 19.05.2010 for the project. EIA presentation was made before SEAC on 30.07.2010 in 62nd meeting whereby following queries were issued by the committee:

1. *Lay out plan showing the location of OB area and preventive measures proposed to prevent pollution of the water bodies.*
2. *Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:*
 - *It should be submitted either in original or as an attested copy.*
 - *It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.*
 - *It should clearly state the distance of mining lease area from the forest boundary.*
 - *It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.*
3. *NOC from Gram Sabha to be furnished.*
4. *Compliance of previous EC to be furnished.*
5. *Compliance of Air / water Consent Conditions to be submitted.*
6. *Leachate analyses of OB and ore has to be furnished in accordance to the TOR.*

PP has submitted reply to the above queries which was placed before the committee in the 76th meeting dated 07/01/2011. SEAC asked the PP to submit the distance of compartment no. 1802 from the lease area boundary; the same was submitted by the PP as 7.5 meters.

In reply to said query PP has submitted that this is an existing mine for which EC was obtained from MoEF. Now EC has been requested in view of change in the mining method (from open cast to underground). Further PP has submitted a copy of letter issued from mining Department dated 03/09/2010 clearly stating that new forest NOC for such projects within 250 meters from the forest boundary is not required from State level. PP has further quoted that clearance from other regulatory

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bodies or authorities shall not be required for prior EC as per para 8(V) of EIA notification 2006.

Based on the submissions of the PP and the letter (dated 03/09/2010) issued from the mining department SEAC decided to forward the case to SEIAA for considering the case for grant of prior EC after obtaining clear forest NOC from the State level committee formed under the Principle Secretary Forest. Following special conditions may be imposed in the EC.

Project specific conditions:

- Prior to the initiation of activities PP shall obtain all the necessary permissions from the regulatory authorities.
- Subsidence shall be monitored closely and if subsidence is found exceeding the permitted limits than adequate compensated shall be levied on the mine operator.
- Drilling shall be wet operated to avoid fugitive dust emissions.
- Regular monitoring of ground water level & quality shall be carried out by establishing a net work of existing wells / new peizometers.
- The monitoring for the quantity shall be done four times in a year i.e. pre-monsoon, monsoon, post-monsoon & winter. the data thus collected shall be submitted to the MoEF & the MPPCB.
- The company shall put up artificial ground water recharge measures for augmentation of ground water resources. The project authorities shall meet the water requirements of nearby villages in case the village wells go dry due to de-watering of mines.
- The mine discharge water shall be treated & chemically tested particularly for TDS before discharging the same into the natural environment.
- Periodic health check up camps shall be organized by the proponent at mining site.
- Beside regular health check-up of mine workers, 10% of the workers identified from active mining activities shall be subjected to occupational health check-ups and hearing impairment (if any) through authorized agencies and the report should be submitted to the MoEF & MPPCB.

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- Controlled blasting and / or drilling will be carried out in the mining as per the guidelines of explosive department..
- Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.
- Under no circumstances the existing plantation shall be removed in the project boundary.
- Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
- Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
- Major approach roads shall be black topped & properly maintained.
- Emissions from the plant operations including crusher, screens, conveyor transfer points and storage facilities have to be checked through installation of wet dust suppression systems.
- Top soil should be preserved separately and should be spread over surface for plantation.
- Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
- The clear water from the holding tank shall be used for various mining activities including the horticulture.
- Ground vibrations due to blasting operations should comply with the DGMS standards.
- Proper stabilization of OB dumps has to be ensured through appropriate plantation. High root density trees species shall be selected & planted over the area likely to be affected by subsidence.
- Regular monitoring of subsidence movement on the surface over & around the working area & impact on natural drainage pattern, water bodies, vegetation, structure, road & surrounding shall be continued till mining ceases completely. Incase any high rate of subsidence movement appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks, if found, shall be effectively plugged with suitable material.
- Utilization of sub-grade mineral has to be ensured as far as possible.

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- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Particulate matter emissions have to be maintained as per the MPPCB norms.
- Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.
- All safety equipments such as air masks, gum-boots, ear-plugs and helmets etc shall be provided for the mine workers as per the provisions.

6. **SEAC Qry- 47 dt. 29/01/10**

Case No. 96/2008 – Nirmala Minerals –, Agaria Iron Ore Mines, Khasra No. 1093 Village Agaria, Tehsil: Sihora Distt. Jabalpur (M.P), Area: 20.41 Ha, Prod.: 0.05 MT/Y-

TOR was issued vide letter dated 07/08/08. Salient features of the project were presented by the PP in 41st meeting dated 26/11/2009. EIA / EMP and the public hearing issues were dealt in detail. It was reported that this is an existing mine presently closed. Method of mining is Open cast and manual. The nearby village is Agaria at about 500 m from the project boundary. It was reported that River Hiren is 2 Km away from the lease area boundary. The mining shall not intersect the GW table. Water requirement for the project is 11 KLD which shall be met from mine water and village hand pumps. PP has submitted following information with supporting documents in the 47th meeting dated 29/01/2009:

- Written commitment for fulfillment of the CSR plan with budgetary provision to be submitted.
- Affidavit stating safe and controlled blasting has to be submitted in view of the safety of the residents of nearby villages.
- Route of transportation of mineral from the site along-with the measures taken to minimize the fugitive emissions likely to increase from the transportation.
- Action proposed to prevent run-offs from the site into the nearby water bodies has to be furnished.
- Supporting documents regarding construction of by-pass road as committed during public hearing.

PP was asked to submit a latest NOC from Forest Deptt issued by the Competent

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Authority has to be submitted as per the following directions:

- a) It should be submitted either in original or as an attested copy.
- b) It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
- c) It should clearly state the distance of mining lease area from the forest boundary.
- d) It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.

Letter from forest department has been submitted stating that the mining lease area is adjoining to forest compartment no. P-25 but presently operating mine is at 300 meters from the forest compartment no. P-25. Clear NOC for this project has to be obtained from forest department.

The complaints have been received for above case which does not reflect any technical or environmental issues; these appear to be administrative complaints. SEIAA may take appropriate action regarding validation of the complaints from concerned authorities.

After scrutinizing the case committee is of the view that Prior EC may be considered for the project after resolving following issues:

- Report of the concerned agency in context to the complaint received.
- Clear NOC from forest department.
- Valid mining lease.

Special conditions

- Prior to the initiation of activities PP shall obtain all the necessary permissions from the regulatory authorities.
- Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
- The clear water from the holding tank shall be used for various mining activities including the horticulture.
- Controlled blasting and / or drilling will be carried out in the mining as per the guidelines of explosive department..
- Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.

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- Under no circumstances the existing plantation shall be removed in the project boundary.
- Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
- Dense plantation has to be carried out in the lease area as per the plan submitted.
- Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
- Major approach roads shall be black topped & properly maintained.
- Emissions from the plant operations including crusher, screens, conveyor transfer points and storage facilities have to be checked through installation of wet dust suppression systems.
- Screen of the stone crusher should be covered to minimize the fugitive emissions.
- Top soil should be preserved separately and should be spread over surface for plantation.
- Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
- Ground vibrations due to blasting operations should comply with the DGMS standards.
- Proper stabilization of OB dumps has to be ensured through appropriate plantation.
- Utilization of sub-grade mineral has to be ensured as far as possible.
- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Particulate matter emissions have to be maintained as per the MPPCB norms.
- Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
- Periodic health check up camps shall be organized by the proponent at mining site.
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.
- All safety equipments such as air masks, gum-boots, ear-plugs and helmets etc shall be provided for the mine workers as per the provisions.

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7. SEAC query from meeting dated 25/08/2011

Case No. 628/2011 Sh. Harish Moolchandani, Director M/s Paras Life Styles Pvt. Ltd., E-2/69, Arera Colony- Bhopal, Distt. - Bhopal (M.P.) – **462016 High Rise Building Development at E-8 , Ext., Khasra No.98, 99, 100, 101, 102/1,107,495/98,Village- Bawadia Kalan,Tehsil – Huzur, Distt.- Bhopal (M.P.) Total Land Area - 17806.17 sq mt., Total Built Up Area- 44134.64 sq mt. For Building Construction** Env. Consultant- In-situ Envirocare.

The case was presented before SEAC in the meeting dated 25/08/2011. Whereby detailed presentation was made by the PP. Documents submitted by the PP during the presentation are as follows- Joint Venture agreement, Permission for High rise buildings from Commissioner Bhopal Div and Approval from Town & Country Planning Department.

This is a proposed high-rise building construction project located at survey no. – part of 98, 99, 100, 101, 102/1, 107, 495/98 at Bavadiakala Tehsil Huzur Dist. Bhopal. The proposed site falls in Bhopal Municipal Corporation limits. The nearest railway station is Habibganj at a distance of approx. 05 km.

PP has submitted a Joint Venture Agreement between M/s Glorishine Properties (P) Ltd and M/s Paras Life Style (P) Ltd. According to which total 25.08 Acre land (in name of M/s Glorishine Properties (P) Ltd) shall be developed by M/s Paras Life Style (P) Ltd who is applicant for this case. Out of total land of 25.08 Acre only 17806.17 sqm shall be developed by the applicant. Deliberations revealed following details on the salient features of the project:

SN	PARTICULARS	DESCRIPTION
1.	Survey no	part of 98 99 100 101 102/1 107 495/98
2.	Village / City /District	Bavadiakala Tehsil Huzur Dist Bhopal
3.	Net Plot Area	17806.17 m ²
4.	Area under Road	2724 m ²
5.	Proposed Built up area	44134.64 m ²
6.	Green Area	8412 m ²
7.	Water Requirement	290.13 KLD
8.	Source of water	Ground water
9.	Electricity Requirement and	1.9 MW
10.	Power back-up	Not reported
11.	Waste water generation	208.44 KLD

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12.	Waste water treatment	STP with capacity to treat 250 KLD is
13.	Waste water utilization	The treated waste water of 132.45 KLD shall
14.	Car parking is proposed in two	for 417 cars

PP was further asked to submit following information with supporting documents:

1. Building permission from competent authority.
2. Design of STP has to be reviewed and detailed drawing & design has to be submitted.
3. Conceptual Plan showing the locations of STP, water harvesting system, green areas and other features has to be submitted.
4. Re-assessed quantity of MSW and disposal plan to be submitted.
5. Details of power supply and back-up to be provided.
6. Power conservation through use of solar energy and other efforts to be submitted.
7. Green building concept may be incorporated wherever possible & the details may be provided.
8. Details of the amenities planned in the proposed commercial complex with their location on conceptual plan.
9. Area's catchments showing drainage pattern of the area may be prepared & submitted to ensure the plan for disposal of excess treated sewage to be submitted.
10. Permission from Central Ground water Authority for abstraction of requisite quantity of Ground water.
11. Baseline environmental quality monitoring report. EMP is found to be generalized hence need to be revised, clearly showing impacts, impact zone, mitigative measures and responsibility to execute the plan.

PP has submitted reply to the asked queries along with the supporting documents. Committee has examined the case and the documents submitted by the PP and found the same satisfactory. The proposed measures to minimize the environmental impacts seem to be appropriate and committee is of the view that with proposed plan for management of MSW, sewage and water conservation are satisfactory. Based on the submission and presentation made by the PP committee decided to recommend the case for grant of prior EC, subject to the following special conditions:

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- Fugitive emissions from the operations have to be checked through installation of dust suppression systems such as curtains and sheds.
- Top soil should be preserved separately and should be spread over surface for plantation & landscaping.
- Storm water drain shall be provided all around the township premises which should be connected to appropriate collection tank and the collected water shall be utilized for horticulture and other non-potable uses.
- Standard raw materials duly certified from competent authorities shall be used for the construction purpose.
- Certified Seismic proof materials shall be used for all construction purposes.
- Debris and waste raw materials expected to generate on the site shall be managed properly maintaining clean and hygienic environment at site.
- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Rich green area around township shall be developed. (at least in 33% of the total plot area).
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent at the project site.
- All safety equipments such as air masks, gum-boots and helmets etc shall be provided for the workers as per the provisions.
- MSW shall be managed as per commitment. The MSW shall be collected and transported to the land-fill site of the Municipal Corporation by the proponent through its own means.
- All liabilities regarding compliance of the conditions laid down shall be transferred to the housing society when proponent hand-over the township to the society and it would be the responsibility of the society to comply with the conditions of EC and air/water consents.
- Sewage treatment plant should be efficient enough to treat the sewage to the extent where it could be used safely for horticulture and washing purposes. The design and drawings of the STP shall be approved by competent authority.

8. SEAC query

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Case No. 626/2011 Shri S.H. Khan, Owner M/s Reliable House, Heritage Hill, A-6, Kohe Fiza, Indore Road, Bhopal (M.P.) -1 Proposed Heritage Hill, Bhopal, Near Ahmadabad Palace, Bhopal at Khasra No. 52/2/Kh, 52/1/K-5 Kohefiza, Tehsil – Huzur Distt.- Bhopal (M.P.) Total Land Area- 84,595 sq mt., **Total Built Up Area- 1,05,744 sq mt.** for Residential Building, Club House, Gymnasium & Commercial Env. **Consultant- Créative Enviro Services, Bhopal.**

This is a proposed residential building construction project located near Ahmadabad Palace, Kohefiza, Tehsil-Huzur Bhopal (MP) at Khasra No. 52/1/Kh, 52/1/Ka. The proposed site falls in Bhopal Municipal Corporation limits. The nearest railway station is Bhopal at a distance of approx. 07 km and Air Port is at 05 Km. The proposed site is located at about 800 meters away from the upper lake and falls in its catchment.

It was reported by the PP that out of total land 11.106 Ha the proposed construction is in 8.548 Ha only. PP has submitted ownership documents.

Deliberations revealed following details on the salient features of the project:

Total Plot Area	8.548 Ha
Total Built up Area	1,05,744 sq mt
Total Project Cost	Rs 450 Crores
Dwelling Units	Residential Flats: (3 BHK 4 BHK & 5BHK) = 432 No's LIG=190 No's , EWS= 80 No's
Location of Project	Near Ahmadabad Palace, Kohefiza, Tehsil-Huzur Bhopal (MP)
Khasra No.	Khasra No. 52/1/Kh, 52/1/Ka-5
Occupancy	Own Land
Geological Location	Latitude 23°16'01" N and Longitude 77°02'22" E
Altitude of the Site	548 AMSL
Permission from T & CP	631/LP37/29/TNCP/gika/2010-2011
Total Water Requirement	593 KLD
Total Waste Water Generation	535 KLD

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Disposal of sewage	<ul style="list-style-type: none">• 256 KLD shall be recycled in flushing & land scaping• 256 KLD shall be discharged in to the main sewer line of Municipal Corporation.
Waste Water treatment	02 STP of Capacity 379 + 156 KLD based on activated sludge process (SAFF)
Total Fresh Water Requirement	387 KLD
Power Requirement	7433 KVA
Back up Power facility	7 DG sets of 1500 KVA
Solid Waste	702 KG per day
Parking Space	13,686 Sq Mt for 456 Cars

Documents submitted by the PP:

1. Land ownership documents- Wrin pustika in name of applicant Mr S.H. Khan for 17.80 Acre. For rest 9.64 Acre MoU signed with the owner M/s Elegance Infratech (P) Ltd
 2. Approval from Town & Country Planning Department
 3. Permission from Air Port Authority &
 4. Letter from Municipal Corporation regarding supply of requisite quantity of water stating that water shall be supplied after completion of Narmada Water Scheme.
- After deliberation committee has asked the PP for submission of reply with supporting documents to the following queries:
- 1) Building permission from competent authority.
 - 2) Green building concept may be incorporated wherever possible & the details may be provided.
 - 3) Area's catchments showing drainage pattern of the area along with the details of sewage of sewage treatment and safe discharge.
 - 4) Detailed plan to avoid any flow of waste water from the premises into the upper lake has to be submitted.
 - 5) Baseline environmental quality monitoring report.
 - 6) EMP should clearly indicate the impacts, impact zone, mitigative measures and responsible agency to execute the plan.

PP has submitted reply to the asked queries along with the supporting documents. Nevertheless, in view of proximity of the site to the lake, committee decided to send a

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sub-committee to visit the site on 24th October 2011 to examine the terrain and possibilities of any impact on the lake due to the project activities. The case was deferred till site visit.

9. SEAC query

Case No. 547/2010 Dr. Rajesh Kumar Jain, Secretary, M/s Mahaveer Institute of Medical Sciences & Research, 30, Mangalwara, Jain Mandir Road, Bhopal (M.P.) 462-001 *Project: Mahaveer Institute of Medical Sciences & Research, Near Airport, Beside RGPV Campus, Village-Badwai (By-pass Road) Tehsil-Huzur, Distt.-Bhopal (M.P.) Total Area – 25 Acres built up area 10.0 Lac Sq.mt) – Queries regarding.*

It is a case of construction of a Hospital for 750 beds and a Medical College. An area of 25 acres from survey Khasra no. 373/1/1/1/2 is allotted by the State Government for the project proponent.

Location of the project	Survey Khasra no. 373/1/1/1/2 Near RGPV campus Village- Badwai, Tehsil- Huzur Bhopal
Total plot area-	25 Acres (10.117 Ha)
Total built-up area	1,11376 Sqm.
Cost of the Project	Approx. Rs 105 Crore
Total Water requirement	Operational phase- 500 KLD Construction phase- 25 KLD
Source of water	Construction- treated sewage from the bhojwetland project – letter from authority submitted
Quantity of effluent	288 KLD
Power requirement	1500 KW
Back-up power facility	1010 KVA Diesel Generating Sets
Plantation proposed	about 25% of the total space
STP	Capacity- 345 KLD
MSW-	1.5 T/ day
BMW	Solid- 200 Kg/day, liquid- 5 KLD
Hazardous waste	Used oil- 45 Liters/Year from DG sets.

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Parking proposed	432 Cars
Floors & height of buildings	G+2 and G+4 buildings have been proposed

PP has informed that following permissions / clearances have been obtained by the PP:

- Land Acquisition & transfer of land in the name of Society.
- Approvals from Town & Country Planning.
- NOC from Airport Authority of Bhopal.
- Building Permission from BMC.
- Letter of intent from M.P. Vidyut Vitran Co. for 10 MVA Load.

PP was asked to submit reply with supporting documents on the following queries:

1. Conceptual plan showing the locations of proposed- STP, ETP, Bio-medical storage area, Water re-charging pits, Plantation and Water-bodies.
2. Agreement with Bhopal Incinerators for disposal of BMW.
3. Detailed design & drawing of ETP and STP.
4. Commitment for water supply from Municipal Corporation.
5. Agreement with Municipal Corporation for lifting treated sewage for construction purpose.
6. Details for disposal of MSW.
7. Ownership / Land allotment papers.
8. Map on lay out showing plantation in at least 33% of total plot area.
9. Commitment to follow ECBC guidelines.

PP has submitted satisfactory reply to the above queries. Based on the information obtained from the PP and the presentations made thereby SEAC decided to recommend the case for grant of prior EC subject to the following conditions:

A. Special Conditions

1. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
2. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

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3. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
4. Disposal of debris including the excavated material during construction phase shall not create adverse effect on neighbouring communities and disposed off taking the precautions for general safety and health aspects only at the approved sites with the approval of the competent authority.
5. Use of diesel generator sets during construction phase should be enclosed type and conform to EPA Rules for air and noise emission standards.
6. Vehicles hired for bringing construction material at site should be in good conditions and conform to applicable air and noise emission standards and should be operated only during non-peak hours.
7. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase.
8. Ready made mix concrete should be used so far as possible.
9. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
10. Fixtures for showers, toilet, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
11. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
12. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
13. The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages.
14. Environment Management Cell shall be formed, which will supervise and monitor the Environment related aspects of the project during construction and operational phases in addition to observance of Madhya Pradesh Building and other Construction Workers Rules.
15. The applicant shall install and operate their own sewage treatment plant (STP) as per the details submitted to the SEAC. The treated sewage shall be reused /recycled to the extent possible. Discharge of the treated sewage from the STP shall conform to the norms specified by M.P. Pollution Control Board after obtaining necessary permission.
16. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
17. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
18. Rain water harvesting for roof run-off and surface run-off, as per the plan submitted shall be implemented. Before recharging the surface run off, pre- treatment must be done to remove suspended matter.
19. The Municipal Solid Waste shall be properly collected and segregated at source. The recyclable material shall be sold to proper vendor and other garbage shall be disposed to the sanitary landfill site of Municipal Corporation.
20. The green belt along the periphery of the plot shall be provided at least having three tiers of the trees of local species as per the plan submitted. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.

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21. The applicant shall explore the application of solar energy & it shall be incorporated for illumination of common areas, lighting of internal roads and passages in addition to solar water heating, if any.
22. The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per the MoEF / CPCB guidelines / norms both during day and night time.
23. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
24. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
25. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
26. The area earmarked as green area shall be used only for greenbelt and shall not be altered for any other purpose. Further, the applicant shall carry out tree plantation activity and shall plant and maintain 1000 trees at an appropriate area in the town in consultation with the Municipal Corporation and local authorities within a period of 5 years.
27. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Necessary signage including continuous display of status of parking availability at entry, exit and all other appropriate places shall be provided which should have appropriate size of letters and shall be visible from the at least 50 meter distance from the adjacent road. No public space shall be used or blocked for the parking and the trained staff shall be deployed to guide the visitors for parking and helping the senior citizens and physically challenged people.
28. Common utilities like drinking water facility, Toilets etc. shall be provided on each floor with adequate signage thereof. Adequate distance shall be maintained between the drinking water and toilet blocks.
29. Necessary emergency lighting system along with emergency power back up system shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.
30. Necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during the unforeseen emergency and eventuality conditions.
31. Training to the staff for the first aid and fire fighting along with regular mock drill shall be made an integral part of the disaster management plan of the project.
32. All the statutory clearances such as the approvals for storage of diesel from Chief controller of Explosives, Fire Department, Civil Aviation Department, if applicable, shall be obtained as applicable by the applicants from the competent authorities.
33. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
34. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
35. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.

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36. Diesel generator sets proposed as back up power shall be of enclosed type and conform to prescribed standards under EPA rules. All exhausts shall be 5.5 m above roof top. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.
37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project including incremental pollution loads on the ambient air quality, noise and water quality periodically till the management of the project remains with the applicant.

B. GENERAL CONDITIONS:

38. The applicant shall use 5 % of its lighting requirement through Solar Energy or any other renewable sources by the fifth year of obtaining Completion Certificate.
39. The applicant submitted that they would be constructing STP and that they would be using "State of the Art" technology for such a facility.
40. The applicant shall retain the Environment Management Cell even after Completion of Project and the liabilities /responsibilities in this regard shall be transferred to the society subsequently which takes up the Maintenance/ Operation/ Ownership of this Project or a part of it.
41. The applicant shall get the third party monitoring of performance of STP done during construction and operation subsequently. After commissioning of the STP, the third party monitoring shall be done every calendar year.
42. The company shall undertake eco-developmental measures including community welfare program most useful in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to MPPCB within three months of receipt of this letter.
43. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards recommended in the EIA / EMP report as well as other proposals made by them.
44. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water. Also harvesting of surface as well as rainwater from the rooftops of the building proposed in the project shall be undertaken and the same shall be used for the various activities of the projects to conserve fresh water.
45. No further expansion or modifications in the plant shall be carried out without prior approval of the MoEF/ SEIAA, as the case may be. In case of deviations or alterations in the project proposal from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
46. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as MPPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
47. The project authorities shall also adhere to the stipulations made by the Madhya Pollution Control Board.
48. The company in a time bound manner shall implement these conditions. The SEIAA reserves

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the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

49. The company shall go in for solar power wherein at least 5% of the total powers needs are met from the latter and there should be effort to increase this progressively. The applicant will give study report with a time bound programme for implementation of the same.

10. SEAC Qry - 72nd dt. 14/12/2010

Case No. - 180/2008 M/s Hiralal Rameshwar Prasad, PO Jaitwara, dist-Satna. M.P. 485221 Naugawan Ochre Fire Clay Bauxite and laterite Mine, Village-Naugawan, Dist-Satna. Mining Lease Area-13.44 Ha. Prod. Cap. 60,000 T/A. TOR issued 12/09/08.

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 for a period from 09.12.2004 to 08.12.2024. The applicant presented the EIA of the project. The presentation revealed following:

This is existing mine presently closed. Site is located in protected forest land in Compartment No. P-167 of Range- Majhgawan & Div Satna (M.P). It was reported by PP that, MoEF has also given Forest clearance under Section 2 of FCA 1980 vide letter no. 8C/5/581/1998-FC/2970 dated 19.12.2002 for further 20 years. Opencast/ manual mining have been proposed. Type of lease area is forest land.. It was reported by PP that, MoEF has also given Forest clearance under Section 2 of FCA 1980 vide letter no. 8C/5/581/1998-FC/2970 dated 19.12.2002 for further 20 years. Opencast/ manual mining have been proposed. Type of lease area is forest land. Nearest Habitation Nearest Village is Naugama at 900 meters from the lease area. No national parks and sanctuary is reported in 10 km radius around the site. Ultimate Depth of Mine is reported to be 396m MSL. Level of Ground Water in the region is reported to be 10m to 14m bgl. Mining shall not intersect the ground water table. Water Requirement is 8.0 m3/day and source of Water shall be sump & ground water through tanker. After deliberations the committee has asked to submit reply with supporting documents on the following queries:

1. Activity wise budget break-up for CSR activities to be submitted along with a written commitment for the above.
2. NOC from Gram Sabha.

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3. Scheme for plantation in at least 33% of total lease area within the lease period along with budgetary provision has to be submitted.
4. Executive Summary of EIA/EMP in not more than 10 pages has to be submitted.
5. Location of OB area to be depicted on lay out map.
6. Compliance of Forest clearance conditions to be submitted.

Committee has examined the EIA / EMP reports and the query reply submitted by the proponent. The EIA / EMP submitted by the PP appear to be acceptable and No major adverse comments were received from the public hearing conducted on 15.04.2010. Thus committee decided to recommend the case for grant of prior EC, subject to following special conditions:

- Prior to the initiation of activities PP shall obtain all the necessary permissions from the regulatory authorities.
- Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
- The clear water from the holding tank shall be used for various mining activities including the horticulture.
- Controlled blasting and / or drilling will be carried out in the mining as per the guidelines of explosive department..
- Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.
- Under no circumstances the existing plantation shall be removed in the project boundary.
- Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
- Dense plantation has to be carried out in the lease area as per the plan submitted.
- Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
- Major approach roads shall be black topped & properly maintained.
- Emissions from the plant operations including crusher, screens, conveyor transfer points and storage facilities have to be checked through installation of wet dust suppression systems.

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- Screen of the stone crusher should be covered to minimize the fugitive emissions.
- Top soil should be preserved separately and should be spread over surface for plantation.
- Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
- Ground vibrations due to blasting operations should comply with the DGMS standards.
- Proper stabilization of OB dumps has to be ensured through appropriate plantation.
- Utilization of sub-grade mineral has to be ensured as far as possible.
- Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
- Particulate matter emissions have to be maintained as per the MPPCB norms.
- Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
- Periodic health check up camps shall be organized by the proponent at mining site.
- Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.
- All safety equipments such as air masks, gum-boots, ear-plugs and helmets etc shall be provided for the mine workers as per the provisions.

11. Case no. 611/2010 Shri Sudarshan Jhawar, 103 Ground floor, Parswanath Bhawan, Jhawar Estate, Gandhi Road, Gwalior (M.P.) *Mantri City- Integrated Township (Area Development cum construction) at Village- Sujana & Kulaith The. & Distt. - Gwalior (M.P) with total area 332438.9m² & built-up area 113685.85 m² and land development area- 84483.46 m² – Query regarding*

The case was presented before the SEAC in the meeting dated 05/01/2011 whereby following queries were raised by the committee:

1. Development Plan duly approved by the Town & Country Planning Department.
2. Building permission from competent authority.
3. Design of STP has to be reviewed and detailed drawing & design has to be

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submitted.

4. Conceptual Plan showing the locations of STP, water harvesting system, green areas and other features has to be submitted.
5. Quantification of MSW to be submitted.
6. Details of power conservation through use of solar energy and other efforts.
7. Commitment for adopting green building concept.
8. Details of the amenities planned in the proposed commercial complex.
9. Scheme for plantation in at least 33% of total plot area.
10. Area's catchments showing drainage pattern of the area.
11. Total habitants proposed to be accommodated in the township.

PP has submitted a reply to the asked queries along with the supporting documents. However, a news paper complaint has been received against the proponent hence the matter was deferred till further examination into the complaint.

Discussion on miscellaneous items

1. **Case No. 621/2011** Mr. Shrikant Chobey, M/s Akzo Nobel India Ltd Project Management Group R&T Center, Plot No. 1/1, TTC Industrial Area, Thane —Belapur Road, Koparkhairane, Navi Mumbai Mumbai (M.S.) -10 **For ToR** *Integrated Paint Plant, Malanpur Industrial Estate GAE- 1,GAF-1,GAF-2,Distt.- Bhind, (M.P.) Env. Consultant: Bhagwati Ana Labs ltd. Hyderabad*

SEIAA has informed the change in corresponding address of the proponent vide its letter 496 dated 21/09/2011 from **Mr. Shrikant Chobey, M/s Akzo Nobel India Ltd Project Management Group R&T Center, Plot No. 1/1, TTC Industrial Area, Thane —Belapur Road, Koparkhairane, Navi Mumbai Mumbai (M.S.)**

to

Shri Kapli Kulkarni, Manager – HSES, M/s Akzo Nobel India Ltd DLF Cyber Terraces, Building Number – 5, Tower-A, 20th Floor, DLF Cyber City, Phase-3, Gurgaon, Pin- 122002, Haryana.

Accordingly changes can be made in the records available with SEAC.

2. **Case 469/2009** M/s Ajay Khandelwal, D-9,BDA,Koh-E-Fiza Distt.-

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Bhopal(M.P.) Manganese Ore Mine at Village-Lodhikheda, Tehsil - Sausar, Distt.- Chindwara, (M.P.) Mining lease area-22.498 Ha., Capa.- 20000 MT/Y, ToR issued vide letter no 158 dt. 18/02/10

Request has been submitted by the PP for withdrawal of case in view of proximity (less than 10 K.M.) of the site from Inter state boundary. Earlier it was reported by the PP that the distance of proposed site is more than 10 km from the inter-state boundary based on the submissions and presentations made by the PP TOR was issued to the PP. Committee has accepted the request of PP and recommends that the case be de-listed based on the fact that it is 'A' Category project and does not falls under the purview of MPSEIAA.

3. Case No. 444/2009- M/s Amrapali Homes Projects – Integrated Township & Plotted development project at Village Sonwaya, District Indore, (M.P).

SEIAA has forwarded a letter of Municipal Corporation dated 02/09/2011 along with a copy of letter dated 11/12/2009 earlier issued by the Executive Engineer Maintenance Division No. II IMC Musakhedi Indore in context to the supply of water to the said project. According to the Municipal Corporation the letter dated 11/12/2009 has not been issued by them. In this context Committee is of the opinion that as the original file / documents are with authority, hence SEIAA may initiate the necessary enquiry in the matter and appropriate action against the proponent may taken if found guilty.

4. Case No. 605/2010 M/s Ramchandra Badriprasad Gour “Gaur Bhavan” Hanumanganj, Distt. -Katni (M.P.)- 482003 Ametha Limestone mine at Khasra No. 311, 336, 350, 327,3 39, 341,344, 351, 326,338,337,328,340,343,345 Vill.- Vijayraghagarh, Distt.- Katni (M.P.) Area- 12.93 Ha. Capa.- 164763 TPA Env. Consultant: CréativeEnvrio Services

Nearest habitat was reported to be at 300 meters from the site. In view of proximity to a residential colony committee has decided to visit the site before issuing TOR. Decision to be taken for site visit as per the taken in the 74th meeting dated 5th January 2011. Committee decided that a sub-committee shall visit the site in December 2011 before the meeting exact dates and program shall be fixed in the meeting of November 2011.

Meeting ended with thanks to the Chair.

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