

The meeting conducted on 6<sup>th</sup> November 2012 was presided over by Shri S.C. Jain. Following members attended the meeting-

1. Shri K.P. Nyati, Member
2. Shri A.P. Srivastava Member
3. Prof. V. Subramanian, Member
4. Shri V.R. Khare, Member and
5. Shri R.K. Jain, Member Secretary

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

**Consideration of the Projects** – Following projects were taken up for deliberations one by one:

- 1. Case No. 870/2012** Shri Lakhan Singh Singh Yadav S/o Shri Mahendra Singh Yadav R/o Village – Chandadawani Khas, Tehsil - Orchha Distt. – Tikamgarh (M.P.) 472246 - Stone / Boulder Quarry of Lakhan Singh Singh Yadav S/o Shri Mahendra Singh Yadav at Khasra No. – 215/3, Village – Chandawani Khas, Tehsil - Orchha Distt. – Tikamgarh (M.P.) **Lease Area – 02.00 ha.** Capacity – 40,000 Cu. M. Per Year.

**Env. Consultant:**

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

- 2. Case No. 871/2012** Sh. Ajay Pal Singh, Partner & Attorney, M/s Khajuraho Minerals, Toria House, P.O. Box No. – 25, P.O. – Chhatarpur, (M.P.) 471001 Budore Stone Quarry at Khasra No. – 1259, Village – Budore, Tehsil – Chhatarpur, Distt. – Chhatarpur (M.P.) **Lease Area – 04.00 ha.** Capacity – 1,00,000 MTPA.

**Env. Consultant:** Creative enviro services Bhopal.

This is a case pertaining to mining of stone in an quarry area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues. PP has

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submitted that the collection of base line data is already in progress for a mining project adjoining this project the same be allowed for use in the EIA study of this project; committee has agreed for the same.

- 3. Case No. 872/2012** - Smt. Uma Mishra, W/o Shri Ashok Mishra, Village – Madwas, Tehsil – Majhoul, Distt. – Sidhi (M.P.) 486601 Stone / Boulder Quarry of Uma Mishra W/o Shri Ashok Mishra at Khasra No. – 7/2, Village – Rampur, Tehsil- Majhoul, Distt. – Sidhi (M.P.) **Lease Area – 0.99 ha.** Capacity – 12,000 Cu. M. Per Year.

**Env. Consultant:**

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

- 4. Case No. 874/2012** -Shri Vineet Singh Construction Company Pvt. Ltd., Maharana Pratap Colony, Yadunandan Nagar, Near Takshasila School - Bilaspur, Distt. - Bilaspur (C.G) 495223 - Geruwar Metal Stone Quarry with Crusher at Khasra No. – 63/1, 63/2, 63/3, 63/4, Village – Geruwar, Tehsil- Semaria, Distt. – Rewa (M.P.) **Lease Area – 1.214 ha.** Capacity – 1,00,000 Cu. M. Per Year.

**Env. Consultant: Not disclosed**

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

- 5. Case No. 875/2012**- Shri Sayyed Aslam C/o Shri Chandra Prakash, Rahul Textile 130, Niyamat Pura, Burhanpur, Distt. – Burhanpur (M.P.) - 450331 Phopnar Khurd Metal Stone & Murum Quarry at Khasra No. – 182/1, Village – Phopnar Khurd, Distt. – Burhanpur (M.P.) **Lease Area – 2.0 ha.** Capacity – 10,000 Cu. M. Per Year.

**Env. Consultant: not disclosed.**

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

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- 6. Case No. 554/2012** Assistant Manager E & P (West) Bakania POL Depot, Bhopal - Indore Bypass Road, Post – Bakania, Bhounri, Bhopal – 462 030 (M.P.) - 450331- 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 TMTPA. EIA Presentation.

Env. Consultant: Not disclosed.

ToR issued vide letter no 430 dt.24/06/10.

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

- 7. Case No. 876/2012** - Smt. Mohini Awasthi W/o Shri Awasthi R/o Near Suptt. of Police Residence, Barapatthar - Seoni, Distt. - Seoni (M.P.) - 480661- M/s Rudransh Metal Stone Quarry with Crusher at Khasra No. – 228/2, Village – Ragadehi, Tehsil – Seoni, Distt. – Seoni (M.P.) **Lease Area – 1.0 ha.** Capacity – 10,000 Cu. M. Per Year. Env. Consultant: Not disclosed.

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. PP has submitted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

- 8. Case No. 775 /2012** - Sh. Umesh Lilani, M/s Man Developments, G-9, Man Heritage, 6/2 South, Tukoganj, Indore, Distt. - Indore(M.P.)- Proposed Residential Complex " Royal Amar Greens" at Khasra No. 37/1/2,38/1/2, 38/1/2, 38/1, 38/2, 39/1/1, 39/1/2, 39/1/3, Niranjapur, Indore (M.P.) **Total Plot Land Area: 20,350 m<sup>2</sup>, Total Built Up Area – 45,159.98 m<sup>2</sup> Building Construction.**

Env. Consultant: DAS (India) Pvt. Ltd. – Lucknow (U.P.)

This is a case pertaining to development of residential complex with total built-up area of 45159.98 m<sup>2</sup> in plot area of 20350 m<sup>2</sup>. Such projects are required to be appraised by the SEIA/SEAC under EIA notification for grant of prior EC as item 8(a) projects. The case was forwarded by the SEIAA to SEAC for appraisal. PP and his consultant presented the salient features of the project which reveals following:

**Surrounding Features**

- Surroundings:

North : Belmont park, Phoenix township, railway line

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- East : Township, warehouse
- West : Saraswati River, railway line
- South : Sch. 78 Phase II Row Houses
- Connectivity:
  - Indore railway station : 7.5 km
  - Devi Ahilyabai Airport : 10.8 km
  - AB Road (NH-3) : 1.8 km
  - Ring Road : 1.9 km
  - SH-27 : 4.1 km
  - Bypass Road : 4.9 km
- Water body:
  - Saraswati River-200 meter (West)
  - Khan River- 2.2 km (South)

**Salient Features of the Project:**

Items	Details
Plot area	Total Plot Area: 20,350.00 m <sup>2</sup> Area under road widening: 945.00 m <sup>2</sup> Net Planning Area: 19,405.00 m <sup>2</sup>
Ground coverage	Permissible: 6,403.65 m <sup>2</sup> (33%) Proposed: 6,402.65 m <sup>2</sup> (32.9%)
FAR	Permissible FAR: 1.5 x Net Planning Area + 2 x Area under road widening = 31,942.50 m <sup>2</sup> Proposed FAR: 31,891.36 m <sup>2</sup>
Area of the Basement (Non FAR)	8,995.50 m <sup>2</sup>
Stilt area (Non FAR area)	4,273.12 m <sup>2</sup>
Total Built up area	45,159.98 m <sup>2</sup>
Area for Green, Open and road	12,798.88 m <sup>2</sup> (65.95%)
Proposed Green area	9,480.67 m <sup>2</sup> (48.85%)
Number of floors & basements	The proposed project has 10 Blocks (A to J). Each Block has Plinth + 6 floors. Out of 10 blocks, 5 blocks have one basement.
Height of Building	Approx 18 m (P+6 Floors)
Total units planned for housing	414+Club House
Estimated population to step in	Residential: 2070, Visitors: 207
Parking facilities	Required : 319 ECS Provided: 384 ECS (Stilt-143 ECS, Basement- 230 ECS and Open- 11 ECS)
Power requirement& source	Power requirement: 1,832 KW (2,290 KVA) from 11 KV feeder (MPSEB).
Power backup	DG Sets: 1 x 250 KVA
Water requirement & source	Fresh water: 178 KLD (from Ground Water) Reuse of treated effluent from STP: 75 KLD Total water requirement: 253 KLD
Total solid waste generated	Municipal Solid Waste: 1.07 T/day

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	Horticulture waste: 0.04 T/day e-waste: 0.31 T/year
Total Population (Residential + Visitors)	2277
<b>No. of Dwelling Units</b>	414 Units

**Water/ Waste water Details**

Fresh water	163 KLD
Flushing Water	46 KLD
Domestic water (fresh water + flushing water)	209 KLD
Horticulture / Landscape	28 KLD
DG set cooling	1 KLD
Swimming Pool	15 KLD
Total water requirement	253 KLD
Waste water (70% of fresh + 100% flushing)	160 KLD
STP Capacity (installed at higher capacity)	200 KLD
<b>Water Source</b>	
Fresh water from Ground water	178 KLD
Recycle of treated effluent	75 KLD
Total water required	253 KLD

**Solid Waste Generation**

Total Solid Waste Generation					
Particulars	Green Area (Acre)	Population	Solid Waste Generation (Kg/Day)	Solid Waste Generation (TPD)	
Residents(@ 0.5 Kg/capita/day)		2070	1035.00	1.04	
Visitors (@ 0.15 Kg/capita/day)		207	31.05	0.03	
Municipal Solid Waste			1066.05	Approx.1.07	
Horticulture waste (@15 kg/acre/day)	2.34		35.10	0.04	
e-waste (@0.15 kg/capita/year)		2070	310.00	0.31	

**Solid Waste Management Plan**

- The 'Door to Door & Floor to Floor' collection system has been proposed for the project.
- An arrangement to collect Biodegradable and Non-Biodegradable waste in separate bags from households will be tied up with waste collection agency and then dispose to the common solid waste disposal point from where the tipper or carriage vans will cart this waste up to disposal point for treatment/ land fill.
- The waste management system will comprise of movable bins of various sizes ranging from 10-200 liters

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- Waste bins of adequate size shall be installed to collect waste from convenient shopping areas/small shops.
- Bins will be distributed at various places of residential complex as per the requirement and assure the proper connectivity facilitating the efficient transportation of solid waste.

**Parking Details**

Required Parking	
Total Required Parking (as per MoEF and state leg.) 1 ECS = 100 m <sup>2</sup> of FAR Area	31891.36/100 = 319 ECS
PROPOSED PARKING	
Proposed Parking on Stilt Floor	4273.12/30 = 143 ECS
Proposed Parking on Basement	6871.37/30 = 230 ECS
Proposed Parking on Open Area	11 ECS
Total Parking Provided	=143+230+11 =384 ECS

**Fire protection measures proposed in the project are:**

- Fire detectors
- Fire water pumps
- Automated fire water sprinklers
- Fire alarm system
- Portable fire extinguishers
- Hydro-pneumatic fire fighting system
- Fire fighting designed as per NBC & local by laws
- Fire Hydrants

**Environment Management Plan proposed in the project:****Air Environment**

Source of pollution	Impacts	Mitigation Measures
Construction Phase		
Construction material	Deterioration of air quality due to fugitive dust and gaseous emissions	<ul style="list-style-type: none"><li>• Warehouse/stock yard: 2 nos. x 40 m x 20 m will be provided for storage of construction material</li><li>• Covering of stored construction materials with 1000 m<sup>2</sup> of tarpaulin covers which will be resold to authorized construction material handling agency for reuse.</li><li>• Covering of trucks carrying construction materials.</li><li>• Dust suppression by water sprinkling.</li><li>• Adequate maintenance of construction equipment &amp; vehicles.</li><li>• Tyre wash facility at the entry/exit of the site to prevent dust emissions.</li><li>• Periodical Ambient Air Quality Monitoring.</li><li>• PUC Certificate at entry gate .</li></ul>

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		<ul style="list-style-type: none"> <li>Glow signs Speed Limits to 20 kmph to reduce emissions on site will be displayed at the important junctions of the township</li> </ul>
Operational Phase		
<ul style="list-style-type: none"> <li>1 No. of 250 KVA DG set will be used in case of power failure for the proposed Residential complex</li> <li>Fuel Consumption: Approx. 165 Ltr/Day for 4 Hrs operation.</li> </ul>	Impacts due to gaseous emissions During operation of DG set	<ul style="list-style-type: none"> <li>Back-up DG sets to comply with the applicable emission norms &amp; periodical monitoring.</li> <li>3.16 meter stack height above the highest building will be provided for DG sets as per CPCB norms.</li> <li>Use of back-up DG sets (acoustic enclosed) during power failure only.</li> <li>Use of low sulphur diesel (LSD)</li> <li>Green belt along road side in different tiers to attenuate the effect of air pollution with more than 130 trees.</li> <li>The green belt will be developed especially around dust generating areas.</li> </ul>

**Water Environment**

Source of pollution	Impacts	Mitigation Measures
Construction Phase		
<ul style="list-style-type: none"> <li>Sewage generation from construction sit</li> <li>Ground water abstraction</li> </ul>	Ground water pollution Lowering of Ground water table	<ul style="list-style-type: none"> <li>Mobile Toilets with 2 portable STP of 5 KLD proposed for about 300 workers and 20 staff on the site.</li> <li>Drinking water facilities and mobile toilets at construction site for construction workers proposed.</li> <li>Ground water abstraction is proposed.</li> <li>Application to CGWB has been filed.</li> </ul>
Operational Phase		
<ul style="list-style-type: none"> <li>Untreated wastewater discharged.</li> </ul>	No impact on water bodies	<ul style="list-style-type: none"> <li>Sewage will be treated in the proposed STP till tertiary treatment by using Membrane Bio Reactor Technology (BOD~ 5mg/l) and will be used completely for low-end uses like flushing, cooling and near by parks thus achieving zero discharge status.</li> </ul>

**Other environmental considerations proposed in the project are:**

- Use of Fly-ash in bricks and concrete replacing cement as per design.
- Use of Plastic and plastics bags in road constructions
- Use of steel manufactured from recycled content as per design
- Provide permeable paving to control surface water runoff
- Rainwater harvesting implementation in consultation with CGWB
- Provision of energy efficient fixtures and construction materials
- Meet all requirements for buildings in moderate earthquake prone areas.

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

1. As the project is being developed by the developers on the land owned by different owners, a joint-venture mentioning the responsibility for compliance of the conditions of prior Ec has to be submitted.
2. Copy of registration as certified colonizer issued by the concerned authority has to be submitted.
3. Lay-out showing detailed plantation scheme to be furnished.
4. Provision of funds for operation and maintenance of the STP and other environmental compliances to be furnished.
5. MSW management plan including the dimensions of the storage area (with holding capacity for at least 48 hours) to be furnished.

**9. Case No. 873 /2012 – M/s Bundelkhand Granite, P.O. Box No. – 26, Distt. – Chhatarpur (M.P.) – 471001** *Khanuja Stone Quarry at Khasra No. 1632/3, Village – Khanuja, Tehsil – Rajnagar, Distt. – Chhatarpur (M.P.)* **Lease Area – 3.60 ha. Capacity – 75,000 MTPA.**

**Env. Consultant – Grass Roots Research & Creation India (P) Ltd. Noida (U.P.)**

This is a case pertaining to mining of stone in an quarry area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence Pp shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues. PP has submitted that the collection of base line data is already in progress for a mining project adjoining this project the same be allowed for use in the EIA study of this project; committee has agreed for the same.

**10. Case No. 877/2012 – Shri Sanjeev Agrawal M/s Agrawal Colonizer, 'Sagar Plaza' 250, Zone – II M.P. Nagar Bhopal (M.P.) - 'Sagar Silver Springs' – Proposed Group Housing Project at Khasra No. 194/2/1/12, 215/1/1/1, 215/1/1/2, 215/1/1/3, 215/1/2/2, 214/1/1, 214/1/2, 214/1/13, 216/1/Ka, Village Damkheda, Tehsil - Huzur, District Bhopal. Building Construction Project**

**Env. Consultant: In-situ Bhopal.**

This is a case pertaining to development of residential complex. Such projects are required to be appraised by the SEIA/SEAC under EIA notification for grant of prior EC as item 8(a) projects. The case was forwarded by the SEIAA to SEAC for appraisal. PP and his consultant presented the salient features of the project which reveals following:

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**Land Details**

S. No.	Khasra No.	Land Area (Hectare)	Name of the Owner
1.	194/2/1/12	0.299	Shri Sudhir Kumar Agrawal Partner M/s. Agrawal Colonizers
2.	215/1/1/1	0.499	
3.	215/1/1/2	0.749	
4.	215/1/1/3	1.073	
5.	215/1/2/2	0.196	
6.	214/1/1	0.101	
7.	214/1/2	0.109	
8.	214/1/3	0.109	
9.	216/1/KA	2.497	
Total		5.632	

**Submissions made by the PP:**

1. T & CP Approval-Bhopal SN/461/L.P.58/9/NGRANI/JIKA/2012 DATED 16/7/2012
2. Receipt Copy For Building Permission From Nagar Nigam Bhopal SN/28 Dated 30/5/2012
3. Bhumi Vikash Anubandh Patra
4. Coloniser Registration SN/53 Dated 16/02/2000
5. Copy of NOC for Municipal Solid Waste Disposal along with STP Sludge from BMC
6. Receipt Copy of Application for Ground Water abstraction From CGWA
7. Receipt Copy of Application for Water Supply from BMC

**Salient Feature of The Project**

Total area of the plot	: 38340.00 Sq.mt
Proposed Built-up Area	: 29812.188 Sq.mt
Land Use	: Residential
Building height	: 6 m
ROW	: Proposed 18 m wide road
Total Net Fresh Water Demand	: 94 KLD
Municipal Water Supply	: 34 KLD
Ground Water Supply	: 60 KLD
STP Capacity	: 120 KLD
Solid Waste Generation	: 0.469 TPD
Power Demand	: 1160 KW
Back Up Source	: 25 KW
Total Unit	: 239 Duplexes/Flats
Types of Units	: Number of 3 bed room Duplexes -123 Nos. Number of 4 bed room Duplexes - 85Nos. Number of LIG Flats -12 Nos. Number of EWS Flats -19 Nos.

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**Area Statement**

Descriptions	Area (Sq.Mt)
Total Land Area	38340.00
Land Under Road Widening	680.00
Net Scheme Area	37660.00 (100 %)
Total Plotted Area	22852.32 (60.68 %)
Built Up Area	28565.4
Open Area	5029.86 (13.36%)
EWS & LIG Area	997.43 (2.65%)
Built Up Area For EWS & LIG	1246.78
Road Area	8780.39 (23.31%)

**Water Requirement and source for the project**

1. In construction phase water supply is proposed through private tanker suppliers.
2. The Main source of water supply in operation phase will be Municipal water Supply & Tube Well. It will cater the domestic requirement whereas additional water requirement will be fulfilled by treated water from STP.

Item Description	Residential
Domestic Water Requirement	93.9 KLD
Flushing Water Requirement	47.09 KLD
Landscaping & other uses	45.00 KLD
Total Water Demand	185.99 KLD (186 KLD)
Available Treated Water through STP	108 KLD
Net Fresh Water	94 KLD

Total Daily Water requirement = 186 KLD

Treated Effluent from STP @ 90% of STP Capacity = 108 KLD

Fresh Water required from Ground Water & Municipal Water= 94 KLD

**Details of proposed STP:**

- Source of water : Sewage
- Treatment Concept: Preliminary treatment + Aerobic biodegradation treatment followed by tertiary treatment.
- Treatment objective: To use the water for safe disposal or to use the water in auxiliary purposes like flushing, gardening etc.
- Capacity : 120 m<sup>3</sup>/day
- Operation: 20 Hrs.

**The proposed MBBR based STP consists following components:**

- Primary Treatment:
- Secondary Treatment: The Moving Bed Bio -film Reactor.
- Tertiary Treatment followed by Chlorine Contact Tank for disinfection.

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- Treated sewage will be pumped to Pressure Sand Filter followed by Activated Carbon Filter. Treated sewage from carbon filter will be used for gardening and flushing.

**Solid Waste Generation from the proposed project:**

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit		Total Waste Generated (TPD)
Residential	0.38	Kg/capita/day	CPCB	041	Persons	0.395
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	4490	Sq.mt	0.044
STP Sludge	250	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.12	MLD	0.03
Waste Oil	100	Liters/MW/year	Assuming one maintenance per year	1.16	MW	116 Liters

- Total solid waste generated will be around 0.469TPD
- Biodegradable & Non-Biodegradable waste will be segregated at source in accordance with MSW (M&H) Rules, 2000.
- 100% Door to Door Collection system will be done by the maintenance staff.
- Hand driven carts shall deliver the MSW from residential blocks to storage bins and from storage bins to main waste collection point.
- Each set will have bins of three colors with green bin for biodegradable waste, white for recyclable waste and black for other type of waste.
- The MSW collection centre will be at the gate of the campus where three covered bins of green, white and black color will be placed for collection from the campus and for final transportation for disposal.

**Proposed Environmental Management Plan-Air**

**Construction Phase**

- Dust control plan
- Reduce on site activities by Off-site fabrication of structural components
- Regular Maintenance of vehicles

**Operational Phase**

- Provision of signage's for easy circulation of traffic.
- Provision for adequate parking space
- Use of low sulphur diesel for DG set.
- Provision of sufficient stack height for DG set.

**Proposed Environmental Management Plan-Water**

❖ **Construction Phase**

- Leak proof containers for storage and transportation of oil/ grease.
- Impervious oil/grease handling area.
- Provision of temporary sanitation facilities for workers.

❖ **Operational Phase**

- Treatment of sewage on site in STP .
- Use of treated sewage water for Flushing & Landscaping.
- RWH and SWM scheme

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- Rainwater from Roof top and terraces will be used for ground water recharging.
- SWM will be done with the help of well planned storm water drainage network as per BMC remarks.
- Minimizing Water Consumption
  - Use dual flush system, Auto flushing sensors for urinals
  - Efficient Plumbing Fixtures

**Proposed Cost of Environmental Management Plan**

Description	Capital Cost (Lac)	Running Cost (Lac/Year)
Air		
Construction Phase	0.6	
Operation Phase		0.2
Noise		
Construction Phase	0.6	
Operation Phase		0.12
Water and Land		
Construction Phase	02	
Operation Phase		0.3
Sewage Treatment Plant	15	3.06
Rainwater Harvesting & Storm Water Management	4.0	0.5
Solid Waste Management	2.0	0.4
Energy		
Lighting	10	0.8
Biological		
Landscaping	3.0	0.9
Total	Rs. 38 Lac	Rs. 6.28 Lac / Year

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

1. Copy of the application made before the CGWA / Municipal Corporation for supply of water for the project.
2. Copy of registration as certified colonizer issued by the concerned authority.
3. Lay-out showing detailed plantation scheme and exact green area proposed in the project

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4. Provision of funds for operation and maintenance of the STP and other environment compliances along with a commitment on an affidavit for creation of funds.
5. The STP has to be reviewed with inclusion of grit chamber and oil/grease separation screen and mechanical separator for the sludge.
6. Provision for disposal of de-watered sludge with the MSW to be planned and submitted.
7. Proposal for disposal of excess sewage
8. MSW management plan including the dimensions of the storage area with holding capacity for at least 48 hours.

**11. Case No. 878/2012 - Shri Rajendra Sharma General Manager, M/s Laxmi Marble Industries, R.M. Lohia Ward 8, Satyam Compound, Nadipar Katni (M.P)-**  
*Marble quarry in an area of 3.36 Ha for enhancement of production capacity from 16612 m<sup>3</sup> to 21456 m<sup>3</sup> per year at Khasra No. 168 & 178 Village Chhapra, Tehsil Bahoriband, Dist. Katni, (M.P)*  
**Env. Consultant: Creative enviro services Bhopal.**

This is a case pertaining to mining of stone in an quarry area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 880/2012 and 881/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.
- As the three mines belong to the same owner and located in the same village a common Public Hearing can be allowed for the three projects (Case No. 880/2012 and 881/2012).

**12. Case No. 879/2012 – Shri Vedanand Rai, Director M/s Pacific Minerals (P) Ltd. Baihar Road Balaghat (M.P)- 481001. Manganese Ore Mine in an area of 20.0 Ha. for production capacity of 26000 TPA at old compartment no. 820 (New Compartment No. 464) Village Netra, Tehsil Waraseoni, District Balaghat (M.P) ToR**  
**Env. Consultant: Creative enviro services Bhopal.**

This is a case pertaining to mining of Manganese in an area of 20 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

Status of Mine: Existing Mine

- The Lease area is located in the Jurisdiction of village –Netra, which is at a distance of about 5.3 km over a forest land. The company is having forest Clearance under Forest Conservation Act 1980 from Ministry of Environment &

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Forest, New Delhi vide letter No. 8C/5/589/98-FCW/Vol-II/524 dtd. 11/03/2008.  
Validity of FC is from 11/03/2008 to 10/03/2028

- Mine is having Water Consent upto 31/12/2012 and Air Consent upto 31/07/12 for production capacity of 26000 TPA

**Details of Location**

Latitude & Longitude	(21°51'52"N, 79°58'51" E)
Nearest City	Waraseoni – 20 km
Nearest Village	Netra 5.3 km
Nearest AirPort	Nagpur 150.0 km
Nearest River	Chandan River 7.6 km in South
Reserve Forest	Sonewani
Nearest Railway Station	Saugi 12.0 km
National Park/ Heritage site	None in 10 km radius
Other mine within 1 km radius	One Mn Mine (under forest Land)

**Mining Method**

The method of excavation is open cost, Dump Ore as well as underground method as per given in approved mining plan. This is a working mine consists of following operations:

1. Mining of Manganese ore bed by drilling and blasting by underground as well as open cost.
2. Removal of mined (ROM) to surface yard for proper grading, sizing, sorting, stacking and jigging etc..
3. Preparing grade wise stacks of ore for delivery by braking, sorting, sizing, screening and separation of Mn ore in different grades.
4. De-watering of the working pits whenever required.

**The mining operation include production from**

1. Primary bedded deposit by open cost method.
2. Dump ore deposit and exploratory underground method of mining.

**Water requirement:**

Dust suppression	: 5.0 kld
Green Belt	: 1.5 kld
Domestic Use	: 1.5 kld
Total	: 8.0 kld

After deliberations committee has approved the TOR proposed by the PP with inclusion of following additional points:

1. It was observed that this is a case of violation of EIA notification as the operations continued without obtaining appropriate EC, hence a resolution from board of Directors has to be furnished with apology.
2. Detailed compliance of the consents has to be provided in the EIA.

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3. It was informed that base-line data is under collection by the PP which may be used in the EIA but same should not be older than one year.
4. Other TORs' as prescribed for other mining projects shall be applicable.
5. The mine is old and operating near forest region hence committee shall visit the site through a sub-committee and if required additional TOR shall be issued based on the observations of the sub-committee.

**13. Case No. 880/2012 - Shri Rajendra Sharma General Manager, M/s Laxmi Marble Industries, R.M. Lohia Ward 8, Satyam Compound, Nadipar Katni (M.P)** *Marble quarry in an area of 1.17 Ha for enhancement of production capacity from 2340 m<sup>3</sup> to 2940 m<sup>3</sup> per year at Khasra No. 204/1 Village Chhapra, Tehsil Bahoriband, Dist. Katni, (M.P)* **ToR**

**Env. Consultant: Creative enviro services Bhopal.**

This is a case pertaining to mining of stone in an quarry area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 878/2012 and 881/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.
- As the three mines belong to the same owner and located in the same village a common Public Hearing can be allowed for the three projects (Case No. 878/2012 and 881/2012).

**14. Case No. 882/2012 – Shri Suresh Patni, M/s V.K. Marbles, Makrana Road, Madanganj, Kishangarh Ajmer (Raj) – 305801 - Marble mine in an area of 4.920 Ha for production capacity 30000 m<sup>3</sup> per year at Khasra No. 5/3, 5/4, 5/5, 5/7 Village Dundi, Tehsil Majholi, District Jabalpur (M.P)** **ToR**

**Env. Consultant: Creative enviro services Bhopal.**

This is a case pertaining to mining of marble in an area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation.

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The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

This mine is adjoining with the other proposed mine (Case No. 883/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for both the mines.

- 15. Case No. 881/2012** Shri Rajendra Sharma General Manager, M/s Laxmi Marble Industries, R.M. Lohia Ward 8, Satyam Compound, Nadipar Katni (M.P) *Marble quarry in an area of 2.26 Ha for enhancement of production capacity from 1980 m<sup>3</sup> to 5072 m<sup>3</sup> per year at Khasra No. 171 & 172 Village Chhapra, Tehsil Bahoriband, Dist. Katni, (M.P)* **ToR**

**Env. Consultant:** Creative enviro services Bhopal.

This is a case pertaining to mining of marble in an area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence Pp shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 878/2012 and 879/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.
- As the three mines belong to the same owner and located in the same village a common Public Hearing can be allowed for the three projects (Case No. 878/2012 and 880/2012).

- 16. Case No. 883/2012** Shri Suresh Patni, M/s S.K. Marbles, Makrana Road, Madanganj, Kishangarh Ajmer (Raj) – 305801 *Marble mine in an area of 4.704 Ha for enhancement of production capacity from 1980 m<sup>3</sup> to 5072 m<sup>3</sup> per year at Khasra No. 3/2, 3/3, 3/4, 3/5 Village Dundi, Tehsil Sihora, Dist. Jabalpur, (M.P)* **ToR**
- Env. Consultant:** Creative enviro services Bhopal.

This is a case pertaining to mining of marble in an area of less than 5 ha. The project is covered under category 1 (a) of the notification and was forwarded by SEIAA to SEAC for scoping and appraisal.

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence Pp shall carry out the EIA study as per the issued

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TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

This mine is adjoining with the other proposed mine (Case No. 882/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for both the mines.

- 17. Case No. 654/2012** M/s Omni Infrastructure Private Limited, Indore, 105/106, Provogue House, Off. New Link Road, Andheri (W) Mumbai – (M.S.) 400 053 'Prozone Indore' Proposed Residential Project at Khasra no. 354/2/2, 394/1/1, 394/1/2, 394/2, 395, 396/1, 396/2/1, 396/2/2, 396/2/3, 396/2/4, 396/2/5, 401/1/1, 401/1/2, 402/2/2/1, 402/2/2/2, Village – Khajrana Tehsil & Distt.- Indore (M.P.) **Plot Area – 1,38,380 sq.m., Proposed construction area of phase-I: 52,230.39 sq.m., Proposed Built up area of phase –II: 31,839.80 sq.m. For - Building Construction**

**Env. Consultant: CES, Bhopal.**

This is a case pertaining to development of residential complex with total built-up area of phase-I: 52,230.39 sq.m and phase –II: 31,839.80 sq.m. in plot area of 1,38,380 sq.m.. Such projects are required to be appraised by the SEIA/SEAC under EIA notification for grant of prior EC as item 8(a) projects. The case was forwarded by the SEIAA to SEAC for appraisal. PP and his consultant presented the salient features of the project which reveals following:

**Location of the project:**

- The Proposed project is located at village Khajrana, Dist. Indore, Madhya Pradesh.
- The site is located to the east of City
- Located on Kanadia road in close proximity to ring road and AB Bypass
- Located 7.55 Km from Indore Railway Station.
- 6 Kms from Radison Hospital
- 3 Kms from Saket & Gulmohar park

**Project Brief**

SN	Project Requirement	Details
1	Proposed Project	Prozone Palms (Prozone Indore)
2	Location	354/2/2, 394/1/1, 394/1/2, 394/2, 395, 396/1, 396/2/1, 396/2/2, 396/2/3, 396/2/4, 396/2/5, 401/1/1, 401/1/2, 402/2/2/1, 402/2/2/2,
3	Developers	M/s Omni Infrastructure Pvt. Ltd
4	Owner of the land	M/s Omni Infrastructure Pvt. Ltd
5	Plot Area	138380 sq.m.
6	Permissible FSI	207570 sq.m.

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7	Proposed const Built-up Area	52230 sq m
8	Landscaped Green Area	8602.20
9	Dwelling Units	Residential Flats: 288 Nos.
10	Total Population	1440 Nos.
11	Total Water requirement	197 m3/day
12	Solid waste generated	817 kg/day
13	No. of Parking proposed	358 nos.
14	Total Power requirement	2 MVA
15	Total project cost	Rs 132 Crores

**Detailed area statement**

S. No.	Particulars	Area (sq.mt.)
1	Total Land Area	138,380
2	Area under Phase 1 & Phase 2	41,621.71(PH-1), 96,758.29 (PH-2)
3	Area under Internal Roads	10,577.52
4	Area under Amenities	1,311.32
5	Area under Garden / Park / Open	8,602.20
6	Area under Services	2,323.42
7	Balance area for Future expansion	96,758.29

**Environmental Setting of Project**

Criteria	Details
Nearest Highway	Indore Bypass Road
Nearest Railway Station	Indore-7.5 Km
Nearest Airport	Indore 20 KM
Seismic Zone	Seismic Zone III
Annual avg. Temperature	24.0 °C

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Annual avg. Rainfall	35 to 38 inches (890 to 970 mm)
Topography	Plain
Land use pattern	Commercial & Residential

**Technical Features of Project**

A.	Total Plot Area	138380 Sq.m.
B.	a. Area Under 45m road widening b. Area Under 18 m road widening c. Area left for permissible activity reserved for future planning. d. Balance Land Area (A-B(a+b+c))	8760.14 Sq.m 1068.23 Sq.m 11186.33 Sq.m 128551.63 Sq.m
C.	Net Plot Area B(d)-B(c)	117365.30 Sq.m.
D.	Permissible Ground Coverage (33% of C)	38730.55 Sq.m
E.	Proposed F.A.R. Ground Coverage	7505.76 Sq.m
F.	Permissible F.A.R. (1.50 of A)	207570 Sq.m
G.	Proposed F.A.R.	31839.80 Sq.m
H.	Area of L.I.G. Flats (As per approved T&CP layout)	765 Sq.m
I.	Open Area Permissible (Min.) Open Area Proposed	8602.20 Sq.m
J.	Services Area <b>Total Services Area</b>	2323.42 Sq.m.
K.	Permissible Height	18 mts.
L.	Road & Circulation	10577.52 Sq.m
M	Width of Internal Road	9 mt.
O	Width of approach road	19 mt.

**Structures:**

Type of Block	Total Nos of DU'S/Flats	(2BHK)	(3BHK)	(4BHK)	LIG	EWS	Height In Mtr
1	48	36	12		17	26	18
2	36	24		12			18
3	48	24	24				18
4	24			24			18
5	48	24	24				18
6	36	12	12	12			18
7	48		48				18

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**Water Balance**

Total Water Balance												
S N	Description	Total Popula tion	Water Requirement				T. Water	% flow to Sewer				
			Flushing		Domestic		A+B	Flushing		Domestic		Total water
			A		B							
			LPCD	KLD	LPCD	KLD	KLD	%	KLD	%	KLD	KLD
1.	Flats	1440	45	65	90	130	195	100	65	85	110	175
2.	Visitors	100	10	1	05	0.5	1.5	100	1	85	0.43	1.43
	Total	1540		66		131	197		66		111	177

**STP Capacity: SAFF based 200 KLD**

- It is based on aerobic suspended growth process and used in the secondary treatment effluent/sewage treatment plant
- The equipment consists of specially designed media, which facilitates attachment of fixed film growth of micro organism. The media is supported by channels. Diffusers are provided for efficient oxygen transfer

**Rain water harvesting plan**

- The proposed project has provision of rainwater harvesting for the recharge of ground water.
- 17 No. of rain water harvesting pits have been proposed and individual rain water harvesting structures will also be provided in each of the plots
- The storm water from the rooftop will be directly connected to the pits.
- The storm water from the paved surface and road areas will be collected to rainwater harvesting pits through a silting chamber.
- Semi permeable pavements will be constructed to assist in infiltration of rain water.

**Solid Waste Generation**

Sr No	Description	Occupancy	Kg Capita day	per per	Total Solid Waste Generation in Kg per day
(i)	Residents	1440	0.55		792
(iii)	Visitors	100	0.25		25
	Total Solid Waste Generation	-	-		817
Size of collection chamber ;			5.0 X 4.0 X 1.1 mt		

**Solid waste management**

A) During Construction Phase

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1	Solid waste of the type waste bricks, concrete, MS rods, tiles, wood etc. is expected to be generated periodically. Soil will be excavated periodically from earth work in phased manner.	1. Construction yards are proposed for storage of construction materials. 2. Construction work generated solid waste is proposed to be collected and disposed off through vendors. 3. Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the proposed group housing project. 4. Remaining soil shall be utilized for refilling / road work / raising of site level at locations / selling to outside vendors for construction of roads etc. 5. There shall be "Refuse Containers" at site for the management of domestic waste generated by the construction laborers and these containers shall be emptied at least once daily.
A) During Operation Phase		
1	General Garbage	1. There shall be segregation at source 2. Organic/Biodegradable waste will be handed over to local vendor for composting. 3. Inorganic waste like plastic, packing material, metal shall be sold to recyclers/vendors for recycling.
2	STP Sludge	STP sludge (0.025TPD) shall be in the form of drying beds & will be taken through filter press & used for gardening as per requirement.

**Air Pollution Control**

- The major source of air pollution in the proposed Project will be vehicular movement and DG sets.
- To combat air pollution (SPM, SO<sub>2</sub> and NO<sub>x</sub>), development of green belt has been proposed.
- Due to circular pattern of road development, concentration of vehicles & vehicular emissions at a particular point would be lesser.
- DG sets having adequate stack height will be provided as per CPCB guidelines.

**Fire Safety Measures**

- Fire hydrants are provided all around the buildings.
- Walls enclosing lift shafts shall be fire resistant for 4 hour.
- Landing doors and lift car doors will be fire/ smoke resistant.
- Electrical meter room shall be on the ground floor and it will be adequately ventilated. It will also have a fire resistant door.
- The lighting of the escape route will be on independent circuit with power backup.
- Fire fighting and fire alarm provided in the building.

During Construction Phase:

- Fire Protection equipments like Sand Buckets and extinguishers will be installed at suitable place.

During Operation Phase:

- Static Tank- underground and overhead tank for fire.

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- Landing valves with hose reels within the complex.
- External hydrant all around the building & yard .
- Automatic sprinkle system provided in building (1 sprinkler/12 m2)
- Pumping arrangement system- Riser system with pressure pump, auto operation with pressure switch.
- Staircases/lifts pressurization/ smoke extraction system.

**Capital Cost for EMP**

S.No.	Parameters	Cost (Rs. Lac)
I.	Water Pollution Control	
	Sewage Treatment Plant	150
	Rain Water Harvesting System	50
	Total	200
II.	Solid Waste Management	
	Solid Waste Collection Bins And Disposal System	15
III.	Green Belt	70
IV.	Others (Environmental Clearance, Expert Advice, Environmental Monitoring, Etc.	20
V	For Energy Saving Components	500
	Grand Total	805

**Recurring cost of EMP**

S.No.	Particulars	Approx. Annual Recurring Cost (Rs. In Lac)
I.	Stp (Including Electricity Cost)	@1Lac/Month - 12.00
II.	Solid Waste Management	@3.3Lac/Month - 40.00
III.	Environmental Monitoring	@0.45 Lac/Month - 5.35
IV.	Green Belt	@0.80 Lac /Month - 10.00
V.	For Energy Saving Components	@1.66 Lac/Month - 20.00
	Total	87.35

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

1. Copy of the application made before the CGWA / Municipal Corporation for supply of water for the project has to be furnished.
2. Copy of registration as certified colonizer issued by the concerned authority has to be submitted.
3. Revised area statement including all the components of the project to be furnished with lay-out map.
4. Lay-out showing detailed plantation scheme and exact green area proposed in the project to be furnished.
5. Provision of funds for operation and maintenance of the STP and other environment compliances to be furnished along with a commitment on an affidavit for creation of funds.
6. The STP has to be reviewed with inclusion of grit chamber and oil/grease separation screen and mechanical separator for the sludge.
7. Provision of disinfection (such as ozonizer etc.) in the intermediate tank to be provided.
8. Provision for disposal of de-watered sludge with the MSW to be planned and submitted.

**18. Case No. 403/2009 - Office of the Dean Government Medical College Sagar, Distt-Sagar-M.P. Construction of 150 Admission Medical College and 750 bedded Teaching Hospital at Sagar- M.P.**

The case was discussed in one of the meetings held in past and query letter was issued to the PP. But no response was received in this matter hence the case was placed for delisting assuming that the PP was not interested to continue with the project. However, a request from PP has been received to allow his presence in the coming meetings of November 2012 to place his clarifications.

DME through Dean Medical has requested a three months time to file the reply and clarifications on the query issued to them in the past. Committee has recommended following:

Already enough time has been provided to the PP hence now PP should submit their response with in one month. A letter may be written to the PP for the violation done by them asking the justification for abnormally delayed response in the matter.

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**Discussion on the query reply received from the project proponents:**

**1. Case No. 481/2009** – (Query from 107<sup>th</sup> meeting dated 11/10/2012) **M/s Birla Corporation Limited (Cement Division) P.O. – Birla Vikas, Satna, Distt. – Satna (M.P.) 485 005 Proposed Captive Thermal Power Plant 35 MW (Cement Division) Project at Village – Bela, Tehsil – Raghurajnagar, Distt. – Satna (M.P.) – Env. Consultant: M/s J.M. Enviro Net Pvt. Ltd. Gurgaon (Haryana).** - This is a case of Captive Thermal Power Plant (35 MW) of M/s Birla Corporation Limited (BCL) for their Cement Plant. The unit is proposed at village Bela, Tehsil Raghuraj Nagar, District Satna (Madhya Pradesh). The case was presented and discussed in detail in the 107<sup>th</sup> meeting of SEAC whereby following queries were made by the committee:

1. Note on the CSR activities executed and proposed along with the photographs and other documental evidences to be furnished.
2. Budgetary provisions for proposed CSR with activity-wise break-up to be submitted.
3. Details of Corporate Environmental Policy and environmental cell of company to be furnished with special reference to the proposed coal unit.
4. Activity wise expected environmental impact its proposed mitigation and expected improvement to be furnished.
5. Details of the proposed Solar Power to be submitted.
6. FAB based STP is reported to be in operation treatment cost per KL to be calculated and reported.

PP has submitted the response to the above queries. The reply submitted by the PP was examined by the committee and was found to be acceptable. The EIA report, EMP and other submissions made by the PP were found to be satisfactory and acceptable hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PM emission concentration of less than 50 mg/Nm<sup>3</sup> shall be maintained in the boiler.
2. At least 33% of total plot area will be developed into green area.
3. Coal will be transported to project site by combination of Belt conveyor and closed trucks only from the nearby Coal Washery (2Km) as reported by the PP.
4. Water for the project will be sourced from the rainwater harvested in the Captive Mine Reservoir only and not from any other natural source.
5. Zero Effluent Discharge will be practiced through recycling of all the waste water after appropriate treatment of the same.
6. COC of 10 shall be maintained for cooling tower and other utilities.
7. 100% Fly Ash utilization shall be ensured from start of operation phase as per the Fly Ash Notification.
8. Execution of all the CSR activities as proposed in the project shall be binding.

**2. Case No. 229/2008– Town ship project at Village- Bijalpur, Tehsil & District Indore: PP: M/S Twenty first Century Developers Pvt Ltd, Indore (T. Plot area – 6,64,430 m<sup>2</sup> and total built up area – 5,80,000 m<sup>2</sup>)**

The project was recommended for the issue of EC long back but EC was not issued to the projects by SEIAA as its reconstitution was under process. In the mean time Indore was

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banned for consideration of any developmental project under Comprehensive Pollution Index Scheme and the EIA Notification was amended which changed the category of Township projects. Now, this category require scoping and a detailed EIA before consideration for clearance. PP has submitted an EIA report based on the standard TOR of MoEF. The SEAC, in its 96th meeting decided that the project sites may be visited by a subcommittee to suggest additional condition, if any, may be required to be included in the EIA report. During the visit the PP was asked to submit a factual statement on issue of construction before issuing additional TOR. PP has submitted the reply along with the request for issue of TOR to carry out EIA.

It was submitted by the PP that the construction activities have been taken assuming deemed approval of SEIAA. Based on the submissions of the PP and the visit-report of the sub-committee, SEAC has decided to ask the PP to re-submit the EIA report with inclusion of following additional TOR:

- It is observed on site that the building and infra-structure construction was going on a large area (exceeding 20,000 sqm) and substantial number of plots have already been sold by the Project Proponent without obtaining the Environmental Clearance. It requires an explanation and submission of factual statement. The statement may be included in EIA.
- It is placed on record that no litigation is pending in any court of law or other Authority in any matter which have any bearing on this township project- Affidavit in this regard to be submitted.
- Water requirement for domestic as well as commercial and other purposes have to be rechecked as per the norms and permissions from CGWB and concerned local Authorities for the availability of entire quantity of water to be submitted.
- Wastewater quantity may also be recalculated keeping in view the treatment, recycling of treated sewage and its reuse for different purposes within the project premises to ensure zero discharge. Dual pipe line and vortex seat cleaning system may be provided in order to minimize the fresh water use in sanitation.
- STPs are proposed at five locations. Their capacity appears on much lower side. It may be rechecked and amended, if required. Sludge generated from STPs may be dewatered and disposed as MSW. Quantity of MSW may be estimated. Necessary infrastructure for pumping, dewatering, holding/storage tanks etc may be provided and included in EIA along with the details of STP treatment processes.
- Total MSW may be recalculated as per prevailing norms with a margin for enhanced per capita generation in next twenty years. Well protected adequate storage facility for two days generation of MSW may be provided along with the necessary infrastructure for its collection. Necessary permission from municipal authority owning MSW treatment and disposal facilities may be obtained and submitted. Arrangement for loading of MSW may be provided within the project area at appropriate locations.
- Hospital proposed in the project should have separate BMW collection a, storage and disposal facilities as per BMW Rules. It may also have separate STP or pretreatment before the wastewater from the hospital is allowed to join STP
- For the hazardous waste generated within the township, separate collection and storage facilities will be provided as per Hazardous Waste Rules.
- A public road joining AB road (National Highway) on one side and MR-3(Major Road) on the other side is an important road is likely to get heavy traffic in future. This road is

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passing through the project area and dividing it in two parts.

There is another public road through which the project site is approached. Entire project area except EWS area lies on the left whereas EWS have been provided on right side of this road

For this purpose, these three parts of the project area have separated existence and will have to have separate facilities like parking, sewer lines and STP, MSW collection and storage facilities etc. In short, no facility can be shared by these parts of the project separated by the roads. This aspect should be well addressed in EIA report.

- Well designed Rain Water Harvesting and ground water recharging system may be detailed in EIA as per norms.
- Over-Head storage for water supply may be considered.
- All efforts will be made to maximize the energy conservation in the proposed township project.
- Garages/Parking provided in the project area appears on much lower side. Adequate parking may be provided as per norms in all the three separated areas and details of calculations may be included in EIA.
- Solar energy may be tapped and utilized as far as possible to save electricity and the details may be included in EIA
- Adequate green belt and open area may be provided and shown.
- All the details stated above may be marked and shown clearly in the conceptual plans.
- Copies of building permission and permission from T&CP may be enclosed in EIA.

**3. Case No. 477/2009– M/s Aarone Developers Pvt Ltd 6<sup>th</sup> Floor, Office Tower , Select City Walk A-3, District Centre Saket, New Delhi. Project: “County Walk” Area Development Project at Village- Zalariya, Plot Area 80.811 ha. Distt- Indore.(M.P)**

The project was recommended for the issue of EC long back but EC was not issued to the projects by SEIAA as its reconstitution was under process. In the mean time Indore was banned for consideration of any developmental project under Comprehensive Pollution Index Scheme and the EIA Notification was amended which changed the category of Township projects, Now, this category require scoping and a detailed EIA before consideration for clearance. PP has submitted an EIA report based on the standard TOR of MoEF. The SEAC, in its 96th meeting decided that the project sites may be visited by a subcommittee to suggest additional condition, if any, may be required to be included in the EIA report. During the visit the PP was asked to submit a factual statement on issue of construction before issuing additional TOR. PP has submitted the reply along with the request for issue of TOR to carry out EIA.

It was submitted by the PP that the construction activities have been taken assuming deemed approval of SEIAA. Based on the submissions of the PP and the visit-report of the sub-committee, SEAC has decided to ask the PP to re-submit the EIA report with inclusion of following additional TOR:

- It is observed on site that the building and infra-structure construction was going on a large area (exceeding 20,000 sqm) and substantial number of plots have already been sold by the Project Proponent without obtaining the Environmental Clearance. It requires an explanation and submission of factual statement. The statement may be included in EIA.

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- It is placed on record that no litigation is pending in any court of law or other Authority in any matter which have any bearing on this township project.
- Water requirement for domestic as well as commercial and other purposes have to be rechecked as per the norms and PP is to submit permissions from CGWB and concerned local Authorities for the availability of entire quantity of water.
- Wastewater quantity may also be recalculated keeping in view the treatment, recycling of treated sewage and its reuse for different purposes within the project premises to ensure zero discharge. Dual pipe line and vortex seat cleaning system may be provided in order to minimize the fresh water use in sanitation.
- STP capacity appears on lower side. It may be rechecked and amended, if required. Sludge generated from STP may be dewatered and disposed as MSW. Quantity of MSW may be estimated. Necessary infrastructure for pumping, dewatering, holding/storage tanks etc may be provided and included in EIA along with the details of STP treatment processes. Treatment units of STP may be designed in modules and may be constructed and operated in phases, as per the completion of the project.
- Total MSW may be recalculated as per prevailing norms with a margin for enhanced per capita generation in next twenty years. Well protected adequate storage facility for two days generation of MSW may be provided along with the necessary infrastructure for its collection. Necessary permission from municipal authority owning MSW treatment and disposal facilities may be obtained and submitted. Arrangement for loading of MSW may be provided within the project area at appropriate location.
- Well designed Rain Water Harvesting and ground water recharging system may be detailed in EIA as per norms.
- For the hazardous waste generated within the township, separate collection and storage facilities will be provided as per Hazardous Waste Rules.
- A public road is passing adjoining one of the outer boundary walls. All efforts should be made that the traffic flow is not interrupted either during construction or operation of the township.
- Garages/Parking provided in the project area appears on lower side. Adequate parking may be provided as per norms and details of calculations may be included in EIA.
- Over-Head storage for water supply may be considered.
- All efforts will be made to maximize the energy conservation in the proposed township project.
- Solar energy may be tapped and utilized as far as possible to save electricity and the details may be included in EIA
- Adequate green belt and open area may be provided and shown.
- All the details stated above may be marked and shown clearly in the conceptual plans.
- Copies of building permission and permission from T&CP may be enclosed in EIA.

**4. Case No. 564/2010 – M/s KJS Cement Ltd. Corporate Office A-7, Maharanibagh New Delhi** (Earlier PP- Shri Ramlal Daftari JSQ- 39, ACC Colony P O Kaimur Distt- Katni-M.P.) - Limestone mine 7.316 ha. at Piparhat Teh- Maihar, Distt- Satna-(M.P)- The original TOR dated 27/09/2010 was issued to Shri Ramlal Daftari. It was submitted by the present owner of the said mine that the lease has been transferred to M/s KJS Cement Ltd. PP has enclosed attested true copies of the relevant orders issued by the mining department. PP has

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requested to extend the validity of TOR for one year so that the EIA and public hearing may be conducted and submitted for further action. PP has also requested to issue the extended (revised) TOR in name of the new owner. Based on the request and the papers submitted by the PP the TOR may be extended for one year in name of M/s KJS Cement Ltd. Corporate Office A-7, Maharani Bagh New Delhi, with inclusion of following points:

1. The Corporate Environmental Responsibility (CER) to be addressed including following information has to be submitted as a separate chapter-
  - Does the company have well laid down Environment Policy approved by its Board of Directors? To be detailed out in the EIA.
  - Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? To be detailed out in the EIA.
  - What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliances with the EC conditions? Details of this system may be given.
  - Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA.
  - Environmental impacts due to transportation of material to & from site have to be dealt in depth.
2. Provisions made to avoid possible impacts on the nearby habitation due to transportation have to be provided.
3. The validity of this TOR shall be for a maximum period up to March 2014.
4. Other terms and conditions of the TOR issued vide letter dated 27/09/2010 shall remain unaltered.

**5. Case No. 70/2008 - M/s Ismail & Sons, Mission Chowk, Katni (M.P.)** - Enhancement of Prod. Capacity from 8089 TPA to 60,000TPA for Bistara Limestone Mine 10.748 Ha, at Village Bistara, Teh. Murwara, Distt. Katni (M.P.) – Request from PP has been received through SEIAA for extension of the validity of TOR dated 07/08/08 and revised vide letter dated 19/11/2009. As the TOR has been issued prior to the MoEF OM No. J-11013/41/2006-IA.II (I) dated 22/03/2010. As per the O.M. the maximum validity of the said TOR can be up to 4 years from the date of issue of TOR thus the validity of the TOR under discussion shall be up to November 2013 subject to the condition that the primary data used in the EIA should not be older than three years.

**6. Case No. 679/2012 - Shri Pawan Agarwal, Director M/s Madhyabharat Phosphate (P) Ltd., E-1/50, Arera Colony - Bhopal, Distt. – Bhopal (M.P.) – 462016** Manufacturing of Single Super Phosphate from powder form to granular without changing in production capacity i.e. 1,65,000 MTPA ( Change in product form) at Meghnagar Industrial Area "A" , Village – Meghnagar, Tehsil .- Meghnagar, Distt.- Jhabua (M.P.) For –amendment in EC. Ministry's circular no. J-11013/41/2006-1A.II (I) dated 20.10.2009 and Circular No. F. No. J-11011/S18/2010-IA-II (I) pertains to all expansion projects only. The project under discussion is not an expansion project; PP in this case is proposing for change in the product form without enhancing the production capacity. Hence the said circulars are not applicable

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for this project. Nevertheless, the committee has already discussed the compliances in general during the meeting held earlier the same have been scrutinized once again and found acceptable. Thus committee's recommendations in this case remain unaltered. The case may be forwarded to SEIAA for further action in the matter.

**7. Case no. 444/2009 - M/s Amrapali Homes Project Pvt. Ltd. , Near IIM Indore, Rau Pithampur Road, Indore (M.P.) – The matter was referred by SEIAA**

The matter was referred by the SEIAA in view of fake information submitted by the PP regarding water supply to the project. In this context PP was asked to submit following information along with the supporting documents was asked from the PP:

- Stage of the project.
  - Status of Registration / Transfer of houses / plots to various purchasers.
  - How water supply is being maintained in the project for various dwellers (if any).
- Notarized copies of the permissions obtained from the concerned agency to be furnished regarding water supply to the project.

PP has submitted a response in this context which reveals that some part of the project has already been completed and 25 families are residing in the said township. PP has opted to use ground water for the project for which permission from CGWA has been obtained vide letter dated 03/12/2011 for abstraction 240 m<sup>3</sup>/day of ground-water. Committee decided to forward the original letter received from the PP to SEIAA for further necessary action in the matter.

**8. Case no. 793/2012 [Qry reply 104<sup>th</sup> SEAC Meeting dt. 28/09/12 and 106<sup>th</sup> meeting dated 10<sup>th</sup> October 2012 ] Shri Ajay Tiwari, E.E. Division, 6, Madhya Pradesh Hosing & Infrastructure Development Board, Bhopal, Div. No. – 6, E-5, Arera Colony, Bhopal (M.P.) 462016 Proposed Residential Project at Khasra No. 297/75/1 and Part of 1500 at Village Shahpura & Bhopal City resp., The- Huzur, Bhopal Nagar Palika Bhopal, Distt. – Bhopal (M.P.) Total Land Area – 7529.88 Sq.mt. Total Built up Area – 24615.19 Sq. mt. - Building Construction**

The case was discussed in detail in the 104<sup>th</sup> meeting dated 28/09/2012 followed by query response discussion in the meeting dated 10/10/2012. PP was asked to submit reply to the following queries:

- Letter from Van Vihar.
- Consent of Bhopal Municipal Corporation for supply of water for the project.
- Consent of Bhopal Municipal Corporation for ultimate disposal of MSW.
- Details of sewage treatment and disposal facility proposed in the project.
- What arrangement has been proposed for running & maintenance of the STP during operation phase?

PP has submitted the response to the above queries and the same were placed before the committee for scrutiny. Committee found the submissions made by the PP satisfactory and acceptable including the EMP. Hence the case has been recommended for grant of prior EC subject to following special conditions:

1. The proposed MBBR based STP requires highly skilled operator and attentive R/M, the operating cost of such STP is also high hence PP should ensure proper operation of the

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STP by considering the above points.

2. Skilled and technically qualified operators should be engaged for running and maintenance of the STP.
3. Project should be operational only after stabilizing the STP.
4. Total Water requirement for the project should not exceed from 67.8 KLPD.
5. Sludge from STP should be disposed off along with the MSW to the designated MSW disposal site of Municipal Corporation.
6. DG sets should be provided with adequate stack height and inbuilt acoustic enclosure as per CPCB guidelines.
7. DG set should be placed in sound proof rooms.
8. ECBC guidelines shall be adapted where ever possible for energy conservation along with the measures proposed by the proponent in the project.
9. Fire safety measures as proposed in the project during construction as well as operation phase shall be binding.

**9. Case no. 509/2010** – (Extension of validity of TOR) **M/s RMG Super conductors Pvt Ltd. 33, Jagran Bhawan, M.P. Nagar, Bhopal-M.P.-** *Madwajhar Bauxite, laterite and clay mine 11.768 ha. at vill-Madwaghar, Teh-Rampur, Baghelan, Distt- Satna-M.P.-* PP has submitted a request for extension of validity of TOR. The TOR for the project was issued vide letter dated 23/04/2010. PP has submitted that the proposed mine falls in the forest land and the case is under consideration for Forest Clearance also it has been submitted that the EIA and public hearing for the project has already been completed. As the FC is still awaited and it would take some 2-3 months hence the validity of TOR is requested to be extended for 1 year. Based on the submissions of the PP committee has agreed to extend the validity of TOR for one year w.e.f. 23/04/2012 subject to the following conditions:

- The validity of the TOR shall be up to 22/04/2013 and shall not be extended further under any circumstances.
- The data used in the EIA report should not be older than three years.
- No change in the project dimensions shall be allowed.
- Other terms of reference shall be same as issued earlier.

**10. Case no. 488/2009-** (query reply- for 89<sup>th</sup> meeting dated 14/02/2012 and the meeting dated 22/08/2012) **G.C. Gupta, Madan Mohan Choubey ward, Distt-Katni-M.P.-** *Ronsara Bauxite, laterite, fireclay, red ochre & yellow ochre mine 9.250 ha. at village Ronsara, Tehsil-Sihora Distt-Jabalpur-(M.P)*

The Case was discussed in detail in the earlier meeting dated 14/02/2012. Whereby the PP was asked to submit response to various queries of the committee. Again the reply submitted by the PP was placed before the committee in the meeting dated 22/08/2012. PP was asked to submit reply to following queries:

- The mine is operational or not.
- Who is legal mine owner at present?
- What are the reasons for such a long delay in renewal of the lease?
- How much more time will the renewal would take?
- Was the mine operational during the lapse period i.e. after 06/12/1995 till date; if yes than who was the project proponent?
- How the lapse period is addressed in the renewed lease?

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PP has submitted a reply to the above queries verified by the Dy. Director Mines, Distt. Jabalpur. The reply filed by the PP appears to be satisfactory. However, the delay in renewal of lease is still not justified and the mining department should clarify the same. The EIA, EMP and other submissions made by the PP pertaining to environment conservation are acceptable. Hence committee decided to recommend the case for grant of prior EC subject to following special conditions:

1. Whole lease area has to be fenced by barbed wire fencing as committed in the public hearing.
2. Trees (reported to be about 100) within the mining lease area should be maintained.
3. Water pond located near the mine should be conserved and should be developed by the PP for the cattle and people of the region.
4. No pits should be opened towards the pond side.
5. Blasting should be avoided in the mining and if blasting is required then it should be done with all prescribed safety precautions with intimation to the peoples in day time only.
6. A budget of Rs. Fifty Thousand each per year as committed by the PP towards educational, health facilities should be spent through Gram Panchayat.
7. All over burden dumps shall be stabilized with legumes and grass.
8. Garland drain should be constructed around the existing dump [about 0.25m deep] and all garland drains should ultimately join in main pit.
9. The water pit and reservoir proposed in the project after completion of mining should be properly fenced with all aesthetics & safety measures.

**11. Case no. 685/2012 Shri Manoj Jain, Partner, "Maple High Street" M/s Global Properties Pvt. Ltd. Hoshangabad Road, Opp Ashima Mall, Bhopal (M.P.) 462036 – " Maple High Street" Commercial Shopping Mall at Khasra No. 367, 374, 386/1 Village Bawadian Kalan, Tehsil – Huzur, Distt. – Bhopal (M.P.) Total Land Area – 1.0115 Ha. (10114.96 Sq.m.) Total Built Up Area – 2.5255 Ha. (25255.37 sq mt) Building Construction Project.**

The case was presented & discussed in detail before the committee in the 93<sup>rd</sup> Meeting of SEAC dated 10<sup>th</sup> April 2012. The committee has asked the PP for submission of response for the following queries:

1. Revised conceptual plan incorporating the suggestions of the members.
2. Present air and surface/ground water quality of the area to be reported.
3. Complete plan for door to door collection, location of collection points, proposal for pucca platform for MSW storage area and a notarized copy of agreement with Municipal Corporation for disposal of MSW at designated site.
4. Permission / commitment from competent authority for supply of water for the project to be furnished.
5. R.O.W of the approach road with distance of project boundary from the centre of the main road to be reported.
6. The existing tree-plants are proposed to be transplanted – complete plan in this regard including number of trees, location and area proposed for transplantation etc. to be submitted.
7. The transplantation plan should include the survival rate with plan for compensatory plantation for the lost trees.

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8. Details with calculation for the STP proposed for the project.
9. Commitment for compliances of ECBC guidelines with highlights of green building concept being adapted in the project.
10. Proposal for dual plumbing (grey-water / fresh water) with built-in irrigation system for green areas to be provided.

PP has submitted reply to the above queries which were placed before the committee in this meeting. The information provided by the PP is found to be incomplete. The scrutiny of the documents reveals that PP is required to further submit clarification for the following points:

1. PP should submit appropriate management of MSW along with the requisite permissions from BMW.
2. The left out treated sewage is proposed to be drained out in the sewer line permission of the same has also not been obtained by the PP; the same has to be obtained and submitted along with the appropriate management plan and map showing ultimate disposal of extra sewage.
3. The de-watered STP sludge shall be disposed off along with the MSW to the designated site.
4. Revised lay-out depicting the locations of STP, water-harvesting locations, MSW storage area and MSW collection points to be submitted.
5. Area statement with map showing green cover area to be furnished.

Meeting ended with thanks to the Chair.

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