

The meeting conducted on 9th November, 2011 was presided by Shri S.C. Jain, Chairman. Following members attended the meeting-

Shri K.P. Nyati, member
Prof. V. Subramanian, member
Dr Mohini Saxena, member
Shri A.P. Srivastava member

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

1. Confirmation of minutes of 83rd meeting of SEAC dated 8th November 2011

The minutes of 83rd meeting of SEAC dated 8th November 2011 were confirmed and approved.

2. Next month meetings were decided for 13th & 14th December 2011.

3. Consideration of the Projects

10 cases were invited to make presentation before the SEAC. Proponent of the Case No. 641/2011 - Mr. Manish Nayak, M/s Suryavansham Mining & Minerals Pvt. Ltd. was also allowed to make presentation on their request with permission of Chairman.

Deliberations:

- 1. Case No. 644/2011 – M/s Sahara India Commercial Corporation Limited, Sahara India Pariwar, Sector Office, Behind M.G.M. Hospital Near Kachehri Tiraha, Civil Line – Katni, Distt.- Katni (M.P.) – Sahara City Homes- Katni, Village- Chaka, Tehsil Mundwara, Distt. – Katni (M.P.) Total Area – 99.43 Acres (40.2379 ha. or 402400.00 sq. mt Total Build Up Area – 286783.25 sq. mt Ground Coverage Area – 89550.91 sq. mt. For TOR Building Construction.**

Building and Construction projects with built-up area more than 1,50,000 m² are covered under the Schedule of EIA Notification 2006 in category B at S.N. 8(b). These projects are required to carry out EIA of the proposed site and have to submit the report with appropriate EMP. This is a township & area development project with total plot area of 99.43 Acres (40.2379 ha.) and Total Built Up Area of 286783.25 sq. mt., hence is required to obtain TOR to carry out EIA/EMP. The representatives of the proponent came for presenting the details of the project with their consultant M/s Voyants Solutions Pvt. Limited, Gurgaon, (Haryana). It was observed by the committee that the Environment Consultant engaged by the PP is not accredited for the 8(b) category projects. Hence the consultant was not allowed to make the presentation. The representatives of the proponent failed to produce authority letter from the company.

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The PP has not submitted following documents/information:

- Land owner-ship documents.
- Land-use diversion orders.
- Approvals from T&CP deptt.
- Source of water & relevant permissions.
- Building permission.
- Agreement with Municipal Corporation for disposal of MSW.

In view of above reasons, committee deferred the case for the next meeting and asked the officials of the company to come with complete documents and proper authority.

- 2. Case No. 645/2011 – M/s R.S.R. Housing & Construction Pvt. (Ltd.) S-6, Ashirwad Complex, 162, Zone-I, M. P. Nagar, Bhopal-11** *R.S.R. Housing & Construction Pvt. (Ltd.) at village – Misrod Road, NH-12, Bhopal, Khasra No.- 8,6/2/2/2,9/1,10 & Part of 24/376/10/1 Misrod ,Block- Phanda ,The.- Huzur, Distt.- Bhopal (M.P.) Total Area – 26340.00 sq. mt. Total Build Up Area – 43217.01 sq. mt Residential Building, Commercial Space. For Building Construction.*

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

- 3. Case No. 647/2011 – Shri Ajay Tiwari, E.E. M.P. Housing & Infrastructure Development Board, Div. No.- 6, E-5, Arera Colony, Bhopal (M.P.) – 16** *Shivaji Nagar, Plot no.1,41 part of 1508,1509 sheet No. 46,40,42, Tehsil- Bhopal, Distt.- Bhopal (M.P.) Proposed 222 flats (1.39 ha.) Existing- 102 flats (1.39 ha.) The project comprises of construction of 222 flats of various sizes and 16 EWS houses. Compound Wall, Community space, the total population projected is 1158 approx. **Project land area- 3.43 acres or 13900.00 m² Total Build Up Area – 41700.75 m² For Building Construction.***

The building construction projects with more than 20,000 m² are listed at SN 8(a), of the Schedule of EIA Notification, hence are required to be appraised by SEAC. This project pertains to development of residential buildings on a plot area of 3.43 Acres and built-up area 41,700.75 m². PP and consultant were present for presentation on the salient features of the project.

Documents pertaining to the project were not forwarded by the PP to the members of the committee. Hence, members could not examine the case thoroughly. PP was asked to present the case in next meeting scheduled for the month of December 2011.

- 4. Case No. 648/2011 – M/s Sahara City Homes- Satna Village- Saristal & Itora, NH- 75, Satna- Panna road, Near Itora Devi Mandir, Tehsil- Raghuraj Nagar, Satna (M.P.)- _Proposed Township project " Sahara City Homes- Satna" NH- 75, Satna- Panna road, Near Itora Devi Mandir, Village- Saristal & Itora Tehsil- Raghuraj Nagar, Distt.- Satna (M.P.) **Total Plot Area – 98.76 Acres (39. 97 ha. or 399840 Sq.m) Build- Up Area of Proposed Project – 342170. 43 Sq.m. For Building Construction.****

Building and Construction projects with built-up area more than 1,50,000 m² are covered under the Schedule of EIA Notification 2006 in category B at S.N. 8(b).

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These projects are required to carry out EIA of the proposed site and have to submit the report with appropriate EMP. This is a township & area development project with total plot area of 98.76 Acres (39.97 ha.) and Total Built Up Area of 342170. 43 sq. mt., hence is required to obtain TOR to carry out EIA/EMP. The representatives of the proponent came for presenting the details of the project with their consultant M/s Voyants Solutions Pvt. Limited, Gurgaon, (Haryyana). It was observed by the committee that the Environment Consultant engaged by the PP is not accredited for the 8(b) category projects. Hence the consultant was not allowed to make the presentation. The representatives of the proponent failed to produce authority letter from the company.

The PP has not submitted following documents/information:

- Land owner-ship documents.
- Land-use diversion orders.
- Approvals from T&CP deptt.
- Source of water & relevant permissions.
- Building permission.
- Agreement with Municipal Corporation for disposal of MSW.

In view of above reasons, committee deferred the case for the next meeting and asked the officials of the company to come with complete documents and proper authority.

5. Case No. 649/2011 – Smt. Omvati Patidar, M/s IBD Universal Pvt. Ltd., 74, Zone-II, M.P. Nagar, Bhopal (M.P.) - 11 Proposed residential project IBD King's Park, Pat. Halka no. 4, Khasra No. 496/150 Village Bawadia Kalan, Tehsil – Huzur Distt. – Bhopal (M.P.) Total Land Area – 5.92 Acres Build- Up Area 29683.56 Sq.mfor Residential Building For Building Construction.

The building construction projects with more than 20,000 m² are listed at SN 8(a), of the Schedule of EIA Notification, hence are required to be appraised by SEAC. This project pertains to development of residential buildings on a plot area of 5.92 Acres and built-up area 29683.56 m². PP and consultant were present for presentation on the salient features of the project. The submissions and the presentation of the PP and his consultant reveals following:

Total Area	5.92 Acres
Total Built up Area	29683 .56 sq mt
Promoters & Developer of the Project	Smt Omvati Patidar Developer- IBD Universal (p) Limited, Bhopal
Location of Project	Village Bawadia Kalan, Tehsil –Huzur, Bhopal (MP)
Khasra No./Patwari Halka Number	496/150, Patwari Halka No.- 42
Geological Location	latitude 23009'59.8" N to 23010'06.2" N and longitude 77026'12" E to 77026'15" E

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Facility	Total Number of Flats : 367 (289 +56 +22)
Total Population	1835 Floating Population : 300
Parking Area	7115.56 Sq mt
Water Requirement	253 Kl per day – shall be drawn from ground water. PP has applied to CGWA for the permission for abstraction of GW
Power Requirement	1550 KW
Back up Power facility	DG Sets : 250 KVA
Parking Facility	299 ECS
Municipal Solid Waste Generation	1054 kg/day – Mode of collection and disposal has not been furnished.
Area Reserved For EWS	431.23sqm.
Area Of L.I.G. Flats (10% Of G)	2868 Sqm.
Open Area Proposed	4628.63 Sqm.
Permissible Height	Stilt + 18m.
Total Water Requirement	278 KLD
STP	The Sewage Treatment Plant based on FAB technology is proposed with capacity to treat 250 KLD.
Near by Water bodies	Project site is located on the bank of River Kaliyasot. The project boundary is reported to be adjacent to the river bank and buildings shall be constructed leaving 30 meters patch after the river bank.

Documents Submitted:

1. Land ownership documents in name of Smt Omvati Patidar (Applicant).
2. Building Permission from Municipal Corporation Bhopal.
3. Approved lay-out from T&CP deptt.
4. Form-1, Form-1(A) & Conceptual Plan.

Other points of discussion:

- Terrain of the plot is sloping towards the river. It was suggested by the committee that the slope of the plot may be reversed opposite from the river bank to prevent any discharge into the river. PP has agreed to the suggestion.
- Location of STP should also be shifted away from the river side.
- PP has proposed to construct a retaining wall along the border of the plot facing river this may prevent the access to river for general public hence committee suggested that construction of retention wall may be planned in such a way that general public may have access to the river.

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- In view of the close proximity of the site to the river, committee decided to send a sub-committee to examine the suitability of site with respect to safety of the proposed project and the river quality.

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

1. Source of water for the Construction & Operation phase for the project to be submitted along with the permission from competent authority.
2. Proposed extra preventive measures to prevent pollution in the river.
3. Mode of collection and disposal of MSW to be furnished with copy of agreement with Municipal Corporation.
4. HFL of river Kaliasote in the region.
5. Revised lay out plan showing locations of STP, Collection bins of MSW, tube-well and water harvesting system.
6. Details of plan for slope adjustment of the plot.
7. Measures proposed to avoid disturbances in adjacent school due to construction activity, traffic etc.
8. Water balance has to be re-checked in accordance to the application.
9. Proposal for use of solar energy in street lighting etc.
10. Copy of rules / guidelines (followed by the concerned govt. agency while granting permissions) in context to construction of buildings along water bodies to be furnished.

- 6. Case No. 606/2010 Shri Gaurav Chaturvedi M/s J.J. Distillers & Beverages Pvt. Ltd, Nagendra Bhawan, Narayni Bai Ki Gali, Near Nagar Palika, Duttapura, Distt.-Morena (M.P) – 476001 Grain based Distillery: 28 KLD of Alcohol, Grain required: 75-80 MT/day ,Area of Plot : 7.5 Acres, Khasra No. 148,160,161,162,163, 165,166,167 At Village – Jafrabad, Teh.- Jaura, Distt - Morena (M.P.) Revision of ToR in view of change of the proposed project-site).**

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

All cane juice/ non molasses waste distilleries less than 30 KLD are listed at serial no. 5 (g) (ii) under category 'B' and appraised at SEIAA level. The present case pertains to production of Rectified Spirit from grains. The proposed project was considered in the SEAC meeting dated 06/01/2011 whereby TOR was issued to the industry to carry out EIA. The project pertain to – Production of 28 KLD

In TOR PP was asked to explore the possibility of alternate site in view of the following facts:

- Total land available was 7.5 acres which appears to be less for distillery.
- The nearest village- Jafrabad is reported at 370 meters from the site and village Bilaiya is reported to be at about 450 meters from the site which was in close proximity to the proposed site.
- The state highway was reported to be only 150 meters from the site.
- Nearest surface water was reported to be Morena Branch Canal at about 1.2 Km and River Asan is 2.35 Km from the site; these water bodies were too close to the proposed site.

In compliance to the TOR point, PP identified another plot of land at village-Imalia, Tehsil & Dist. Morena (M.P). The total area of the proposed land is 6.07 Ha. The new site is 600 meters away from the old site. River Kwanri is reported to be 1.0 Km from the new site. It was reported during presentation that there is no ecological sensitive zone within 10 Km. and the M.P. – U.P. Inter-state border is reported to be 16 Km from the proposed site. It was reported that the site do

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not involves any R & R issues.

Other aspects of the location of the proposed site are as follows:

1	Latitude	26°32'34.98" N
2	Longitude	78°00'26.62" E
3	Altitude	170-169 AMSL
4	Nearest Railway Station	Morena – 4.0m
5	Highway	SH-2- SE- 3.5km
6	Nearest Village	Imaliya– 600 meters in NEN
7	Hills/Valley	None in 10 km radius
8	Ecological Sensitive Zone	None in 10 km radius
9	Reserve forest	None in 10 km radius
10	Nearest River	Asan River- 9.0km-SSE, Chambal Canal- 3.75km-NW, Kunwari River-1.0km-SW

Project details:

Particulars	Total Area (Sq. mt.)
Production capacity	28 KLD grain based distillery & IMFL bottling – 5000 cases /day.
Co-generation	Bio-mass based 1.5 MW power plant.
DG Set	500 kVA
Raw material	grain – 82 MT/day
water requirement	416 KLD
Effluent generation	304 KLD
Treatment of effluent	Treatment shall be done through centrifuge decanter for separation of suspended solids followed by multi-effective evaporator to maintain zero discharge condition.
Use of Solar energy	Proposed in street light
Cost of the project	₹ 48.62 Crore

Area break-up proposed is as follow:

Particulars	Total Area (Sq. mt.)
Proposed construction including Road area	16000
Centrifuge & Multi effect Evaporation System	1400
Green Belt	20032
Open Land	23271.00
Total Land	60703.50

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After deliberation committee decided to withdraw earlier TOR & issue a revised TOR with inclusion of following additional points:

1. Source of raw material and Bio-mass (fuel) has to be addressed with location of storage area for bio-mass on lay out.
2. Capacity of boiler and the proposed air pollution control equipments to meet the emission level of particulate matter less than 50 mg/ Nm³.
3. An undertaking has to be submitted for use of only grains as raw material.
4. Details of extra preventive measures to be included in context to prevention of any discharge in to the river or any other surface water body.
5. Capacity of the spent-wash Pucca holding tank should be enough to hold the effluent under emergency.
6. Solid waste generated is proposed to be used as cattle food; in this context quality of the food should conform the standard issued by the competent authority, accordingly certificate to be furnished.
7. Plan for disposal of excess solid waste has to be provided.
8. Macro and Micro Drainage pattern of the region to be furnished.
9. Details of water supply scheme from any of the nearby surface water body to be provided.
10. One of the locations of AAQM station should be near the village boundary and one at the boundary of RF.
11. Distance of inter-state boundary has to be validated by the competent authority.
12. NOC from forest department stating the exact distances of forest boundary and sanctuary have to be obtained.
13. Executive summary of the project to be submitted with the EIA report.
14. Detailed break up of the land area along with the photographs of the area.
15. Details of the site and information related to environmental setting within 10 Km radius of the project site.
16. Present land use based on satellite imagery.
17. Details of site and information related to environmental setting within 10 km radius of the project site.
18. Information regarding eco-sensitive area such as national park/ wildlife sanctuary /biosphere reserves within 10 Km radius of the project area.
19. Source of raw material.
20. Ambient Air Quality Monitoring for the three months except monsoon.
21. Mathematical modeling for calculating the dispersion of air pollutants and ground level concentration along with emissions from the boiler.
22. Details of the use of steam from boiler and use of fuel.
23. Hydrology of the area especially down stream.
24. Ground water quality around the compost plant and spent wash storage lagoon.
25. Noise levels monitoring at five locations within the study area.
26. List of flora and fauna in the study area.
27. Number of working days of the distillery unit.
28. Details of the spent wash treatment.
29. Proposed effluent treatment system and scheme for the achieving zero discharge.
30. Detailed water requirement and water balance.
31. Water drawls permission from the Irrigation Department/ State Ground Water Board.
32. Details of raw material.

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33. Details of Solid waste management including management of boiler ash.
34. Green belt development as per the CPCB guidelines.
35. Environment management plan.
36. Rain water harvesting measures.
37. Details of occupational health surveillance programme.
38. Details of socio economic welfare activities.
39. Post project environmental monitoring.
40. Any litigation pending against the project and / or any direction / order passed by any Court of Law against project, if so, details there of.
41. Action plan in the tabular form to the issues/suggestions made during the public hearing along with the implementation plan and allocation of funds.

7. Case No. 433/2009 – Shri Krishna Kant Kothari, 189, Mahatma Gandhi Marg, P.O. Alirajpur, Distt- Alirajpur (M.P.) Bhordu Dolomite Mines Area- 6.790 Ha, Capa- 2025 T/ Year at village - Bordu Teh- Alirajpur, Distt- Alirajpur (M.P.) For EIA presentation

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC. This is a case of a new mine yet to open. The case has been submitted for TOR approval. PP with his consultant presented the salient features of the project, which reveals following:

Location aspect:

Khasra No. of Project	114, 248, 250, 251, 255
Type of Land	Govt. Revenue land
Location of Project	Village- Bhordu, Tahsil District - Alirajpur, -
Nearest City	Alirajpur - 12 km
Nearest Highway	Alirajpur- Dahod SH - 2.0 km
Nearest Village	Bhordu - 800 meters - E
Hills/Valley	reported none in 10 km radius
Ecological Sensitive Zone	reported none in 10 km radius
Reserve Forest	Kotbu RF - 4.5km - ES Kathiware PF - 1.0km - NW Kathiware RF - 4.5km - NW
Historical Place	reported none in 10 km radius
Nearest River/ Nalla	Sukar Nadi - 1.0km - SE Local Nalla - 0.1km - SW

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Other features of the project:

Type of Mine	Open Cast/Manual
Mineable Area	6.4 Ha
Existing Pits & Quarries	1.75Ha
Existing Dumps	0.0750ha
Infrastructure and road	0.04 ha
Plantation	0.0750 ha
Ultimate Depth of Mining	up to 298mRL
Expected Life of Mines	99 years
Stripping Ratio	1:0.15
Transportation of Dolomite	Road
Area to be covered under dumps	0.3600ha
Area covered under pit	3.06 Ha
Area proposed under plantation	2.2ha
Ground water table	15m bgl (285mRL) to 20m bgl (280mRL)
Lease Period	30.10.2003-29.10.2033
Ultimate depth of mining	5m
Expected Overburden quantity	5850cum
Plantation	2.2 ha
Water reservoir	3.06ha

EMP:

Air Environment

Source	Control measures proposed
Haul Road	Compaction, gradation and drainage on both side Proper maintenance of road Water spraying on the haulage roads
Truck Movement	No Overloading of truck Truck shall be covered with tarpaulin while transporting ore Enforcing speed limit
Waste Dumps	Terraced dumping and compaction Plantation on dumps Water spraying in working areas
Mine Pit	Working in small area Water spraying in working area
Drilling pattern	Wet drilling

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Water Environment

- There is accumulation of storm water in the existing pit. Incase of prolong rain hours, accumulated water shall be pumped out.
- To prevent the soil from wash off, a protective trench, 1.0m deep and 1.0 m wide shall be formed around the toe of OB dumps
- Bunds shall be provided to remove the suspended solids.
- Garland drain shall be provided around dumps
- Settling pit and drains are being cleaned properly to prevent the siltation
- There is no surface stream in the core zone.
- Domestic waste water has been collected in Soak pit

Noise Environment

- Wherever the noise levels exceed 85 dBA, workers should be provided with earmuffs, ear plugs etc.
- Hydraulic drills shall be used for drilling;
- All moving parts of machine shall be properly lubricated;
- Non-moving parts of machine shall be properly fastened;
- A barrier of overburden at mine boundaries shall be made and three rows of trees are proposed to be planted to reduce propagation of noise;
- All the basic equipments and various machineries shall be kept well maintained.
- Thick green belt around the mining lease and along the haulage roads.

Stage Wise Cumulative Plantation Proposed at site

Year	Un-worked area green belt		Total	
	Area (Ha)	Trees	Area (Ha)	Trees
Present	0.075	50	0.075	50
1st	0.2	300	0.2	300
2nd	0.2	300	0.2	300
3rd	0.2	300	0.2	300
4th	0.2	300	0.2	300
5th	0.2	300	0.2	300
6th to lease period	1.125	1690	1.125	1690
Total	2.2	3240	2.2	3240

Public hearing issues were discussed in length; no adverse issues were raised in the public hearing.

- NOC from forest deptt. dated 26/11/2010
- Copy of Paanch sala khasra.
- NOC from Gram-Sabha dated 20/08/2010.

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- Copy of mining lease
- Copy of mining plan.

After deliberation Committee was satisfied with the EIA/EMP and the submissions of the PP. Committee decided to recommend the case for grant of prior environment clearance subject to following special conditions:

1. It was reported that cluster of small mines are operating in the region which have already formed an Association to carry out CSR activities in the region. The proponent of this mine shall execute all CSR activities through the association. One or two members from the local residents should be included in the association.
2. Thick green belt around the mining lease and along the haulage roads.
3. Garland drains have to be constructed surrounding all the overburden dumps. The drains shall be connected to the settling tank having sufficient holding capacity.
4. The clear water from the holding tank shall be used for various mining activities including the horticulture.
5. Controlled blasting and / or drilling will be carried out in the mining.
6. Regular spraying of water by Tanker fitted water sprinkling system over haulage roads shall done.
7. Under no circumstances the existing plantation shall be removed in the project boundary.
8. Appropriate arrangement shall be made for the treatment and disposal of the waste water expected from the domestic activities of the workers.
9. Dense plantation has to be carried out in the lease area as per the plan submitted.
10. Regular ambient air monitoring shall be carried out in the region as per the guidelines of MoEF / CPCB.
11. Minimum wages shall be paid as per the Govt. norms.
12. Pits shall be properly fenced to avoid accidents.
13. Water body proposed at the end of mining should be developed aesthetically.

8. Case No. 608/2010 - Shri Jasjit Singh Walia Partner, M/S Karan Minerals 188, Rizwan Bagh, Lalghati, Bhopal (M.P) Karmai Soapstone and Marble Mine Khasra No. 815/1& 815/2 at village-karmai Teh: Majholi Distt. Sidhi (M.P) Area-15.61 ha, Capa: Marble Block -4000 cum/Annum, Soap Stone-250 TPA For Tor

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC. This is a case of a new mine yet to open. The case has been submitted for TOR approval. PP with his consultant presented the salient features of the project, which reveals following:

Location Aspect:

Location	Mine Khasra No. 815/1& 815/2 Village : Karmai, Tehsil :Majholi, District : Sidhi., Madhya Pradesh
Total Area	15.61 ha

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Type of Lease Area / ownership	Non Agricultural Land. Partly Government land and rest consented by the land owners
Cost of the Project	Rs 26.0 Million
Mining Plan Approval	Mining Plan is approved by IBM on 17.10.2007
Nearest Villages	Karmai 600meters in south west
Reserve Forest	500 meters North
Banas River	5.5 km West
Mahan Nalla	4.0 km North East
Karmai Pond	600 meters in South

Other salient features of the project:

Mining Methodology	Opencast Mechanised Mining with occasional drilling & blasting
Total Mineable Reserve	Marble Block- 80,000 cum Soapstone – 2500 tonnes
Total Waste Generation	0.40 million m3
Max. Rate of Production	Marble Block- 4,000 cum / annum Soapstone – 250 tonnes / annum
Anticipated Life of Mine	20 years
Water Requirement	The total water requirement for the project is around 10 m3/day which will be sourced from surface/ ground water and rain water harvested in pits
Source of Water	Surface, Ground water & harvested rain water
Site Services	Site Office, first aid room, rest shelter, drinking water facility
Ultimate depth of Mining	15 m (upto 415 m AMSL)
Ground water table	20 – 22 m bgl of 430m AMSL (408 – 410 m AMSL) – Ground water table shall not be intersected.

Land utilization proposed in the project:

Land Use	Present	During plan period	Lease Period (20 years)
Area under pits/quarry	1.20	2.50	(5.50)
Dumping	0.55	1.00	1.50
Mineral Stock	0.10	0.50	0.00
Roads	0.20	0.20	0.00
Green belt	3.50	4.00	5.00
Infrastructure	0.30	0.30	0.00
Rehabilitated to water reservoir	--	--	4.50
Reclaimed and Rehabilitated to Afforestation	--	--	1.00
Undisturbed area	9.76	7.11	3.61
Total	15.61	15.61	15.61

After deliberations Committee decided to issue TOR to the industry with inclusion of

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the following points:

- One of the locations of AAQM stations should be at the boundary of the RF.
- Proposal for disposal of marble slurry and other solid waste expected to generate from the mine have to be furnished with EIA.
- 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.
- Commitment has to be given for construction of pucca approach road.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- All monitoring has to be conducted as per the notification dated 16/11/2009.
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan with map depictions has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same. The OB area should be as away as possible from the water bodies in vicinity of the site.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area. Exact distances of nearby features have to be reported using advanced technique.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- All distances have to be reported along with GPS co-ordinates.

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- EMP should address the measures planned to protect the water bodies in vicinity of the project site.
- EIA has to be conducted by NABET approved consultant only.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

9. Case No.609/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P.) - Jamuwanikala Limestone Mine at Khasra No. 795, 797, 833, 834, 835, 837, 895 and 986 village –Jamuwanikala, Teh:Vijayrahavgarh Distt. Katni(M.P.) Area-08.01 Ha Capacity- 25000 MT/Year [Requested for extension of date] **EIA Presentation**

And

10. Case No.610/2010 M/s ACC Ltd. Kymore Cement Works P.O. Kymore Distt. Katni(M.P.) - Jamuwanikala Limestone Mine at Khasra No. 836, 838, 830, 840 to 853 854/2, 864/2 866, 865 867 to 873 876 to 890 893, 894, 897, 898, 919P, 923P and 926 to 930 vill.Jamuwanikala,Teh:Vijayrahavgarh, Distt.- Katni (M.P.) Area 31.43 Ha. [Requested for extension of date] **EIA Presentation**

These being mining projects with lease area between 50 ha to 5 ha are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. This is a case of an existing mine. Open cast / mechanized mining technology has been proposed in place of manual mode of mining. The EIA has been submitted for appraisal. The salient features of the project were presented by the PP and his consultant before the committee which reveals following: Nearest Highway is Kaymore- Maihar State Highway – 1.7 km, nearest Village is Jamuwanikala about 1.4 Km. It was also reported that the - Surma Beet Reserve Forest is 5.5 km. No wild life sanctuary / National Bio-sphere Reserve, Inter-state border is located with in 10 Km radius of the proposed site. NOC from DFO has been received in the prescribed format which reveals that the forest boundary is more than 250 meters and there is no ecological sensitive area with in 10 Km radius around the site. It was reported that no litigation is pending against the project. The Public Hearing proceedings were discussed in length.

As EC for another mine of the same proponent is proposed adjacent to this mine, PP was asked to present the cumulative impact due to the two mines, which was not presented. Committee asked the PP to predict the cumulative impact using appropriate model and present the same in next meeting.

After the deliberations committee observed that there are clusters of mines operating in the region along with the Cement Industries also there was a demand in public hearing that EC should not be considered for the said mine before examining the ground facts. In view of the above committee decided to send a sub-committee for site visit. The visit may be clubbed with the visit already planned.

11. Case No. 641/2011 - Mr. Manish Nayak, M/s Suryavansham Mining & Minerals Pvt. Ltd. 67/2, Patrakar Colony, Indore Distt.-Indore (M.P.) Expansion of production capacity of Mineral: 5000 MTPA Manganese Ore to 9.0 lac TPA Manganese Ore, Iron Ore &

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laterite , Lease area - 5.0 ha. at village Mansakra, Tahsil- Sihora, Distt. – Jabalpur – (M.P.)
Env. Consultant – Creative Envirotech Bhopal. - Presentation for TOR

The application and various papers submitted by the PP along reveals that the proponent is interested to mine out manganese, laterite and iron ore where as mining plan for all minerals and mining lease covering all minerals has not been submitted. Cross-section of the mines & ore analysis has also not been submitted. Committee decided to ask the PP for submission of the requisite documents for further consideration of the case. The case shall be taken up for consideration after the submissions from PP.

Discussion on Query reply SEAC Query

- 1. Case No. 634/2011 - Sh. Manoj Jain, Drector 32, Itwara Road - Bhopal (M.P.)**
M/s Radhika Infraestate (P) Ltd. Group Housing Residential Development Project at Village Badwai, Patwari Halka No.- 5, Vikas Khand- Phanda KhasraNo. 422,424/1,425/1/1, 426/1/1, 427/1/3/1/2, 422/424/1, 425/1/1, 426/1/1, 427/1/3/1/3, 418/3 ,418/5, 420/1, 421,423,427/1/1/91Gha/2, Tehsil - Huzur,Distt. – Bhopal (M.P.) Total Land Area- **55,290.00 M²** Total Built Up Area – **53,240.00 M²** + 1054.96 M² **Building Construction Env. Consultant- Insitu Envirocare Bhopal.**

The case was discussed in the SEAC meeting dated 02/09/2011. Project details, EMP and other salient features have been dealt in the 79th meeting dated 02/09/2011.PP was asked to submit reply with supporting documents to following queries raised by the members in the said meeting:

1. All land ownership documents arranged properly in sequence have to be submitted.
2. Building permission from competent authority.
3. Land diversion letter issued from the competent authority.
4. Lay out approval from T&CP deptt. to be rearranged & submitted.
5. Permission from competent authority for fulfillment of required quantity of water.
6. Clearance from Air Port Authority.
7. Copy of rules in context to essentiality of construction of EWS with main project.
8. Out of 300 KLD treated waste water 210 KLD is proposed to be recycled in flushing and horticulture PP has to submit plan for disposal of remaining 90 KLD of waste-water. If this water is likely to be disposed off in the municipal sewer lines details with NOC from Municipal Corporation to be submitted.
9. STP sludge is proposed to be disposed off through composting which do appears to be feasible hence committee asked the PP to dispose off the same with MSW.
10. Management of MSW (Collection, storage & Disposal) to be submitted.
11. The green area consisting lawn should also incorporate plantation of trees accordingly plan to be submitted.
12. EMP should clearly indicate the impacts, impact zone, mitigative measures and responsible agency to execute the plan.

PP has submitted the reply to the raised queries, which was examined in the meeting.

The proponent has submitted copies of following documents for the project:

- Land ownership documents & land-use diversion documents.
- Building permission from Bhopal Municipal Corporation.

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- Approvals from Town & Country Planning deptt.
- Copy of application made to CGWA for water abstraction.
- NOC from Air Port Authority.
- Declaration letter for construction of houses for EWS.
- Environment Management Plan

Committee was satisfied with the EMP and other submissions made by the PP hence decided to recommend the project for grant of prior Environment Clearance subject to the following special conditions:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 250 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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.
9. 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.
10. 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. Ready made mix concrete should be used as far as possible.
11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
12. 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.
13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
15. 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

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- public passages.
16. 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.
 17. 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.
 18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
 19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 27. 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.
 28. 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.
 29. 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.
 30. Necessary emergency lighting system along with emergency power back up system

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- shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.
31. 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.
 32. 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.
 33. 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.
 34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
 35. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
 36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
 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.

2. Case No. 632/2011 Mr. Jayant Bhandari (Partner) M/s Coral Wood City, Rishi Constructions, 176, 1st Floor Zone-II, M.P. Nagar, Bhopal (M.P.) - 462-011. Proposed Group Housing Project; at Gram- Misrod, Tehsil- Huzur, Distt.- Bhopal(M.P.)

The case was discussed in the SEAC meeting dated 02/09/2011. Project details, EMP and other salient features have been dealt in the 79th meeting dated 02/09/2011. PP was asked to submit reply with supporting documents to following queries raised by the members in the said meeting:

1. All land ownership documents arranged properly in sequence have to be submitted.
2. Building permission from competent authority.
3. Land diversion letter issued from the competent authority for all pieces of the land included in the project with statement of the same.
4. Approved lay out to be rearranged & submitted.
5. Permission from concerned agency for fulfillment of required quantity water.
6. A 30 bedded Hospital is proposed in the project – BMW management and hospital waste water management to be provided.

PP has submitted the reply to the raised queries, which was examined in the meeting.

. The proponent has submitted copies of following documents for the project:

- Land ownership documents & land-use diversion documents.
- Building permission from Bhopal Municipal Corporation.
- Approvals from Town & Country Planning deptt.
- Notarized copy of commitment from Bhopal Municipal Corporation JNNRUM for supply of required quantity (935 KLD) of water.
- Environment Management Plan

Committee was satisfied with the EMP and other submissions made by the PP; hence decided

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to recommend the project for grant of prior Environment Clearance subject to the following special conditions:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 655 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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.
9. 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.
10. 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. Ready made mix concrete should be used as far as possible.
11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
12. 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.
13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
15. 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.
16. 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.
17. The applicant shall install and operate their own sewage treatment plant (STP) as per

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- 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.
18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
 19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 27. 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.
 28. 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.
 29. 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.
 30. 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.
 31. 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.
 32. Training to the staff for the first aid and fire fighting along with regular mock drill

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- shall be made an integral part of the disaster management plan of the project.
33. 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.
 34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
 35. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
 36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
 37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

3. Case No. 626/2011 Shri S.H. Khan, Owner M/s Reliable House, Heritage Hill, A-6, Kohe Fiza, Indore Road, Bhopal (M.P.) - 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- Creative Enviro Services, Bhopal.

The case was dealt in the 77th meeting of SEAC dated 25/08/2011 whereby PP was asked to submit reply to the queries raised by the members. The submitted reply was dealt in the 82nd meeting dated 13/08/2011. It was decided by the committee to visit the site prior to recommending the case. The sub-committee visited the site on 24th October 2011 (**Report – Annexed**). The committee is satisfied with submissions made by the PP, the EMP proposed with inclusion of the points suggested by the sub-committee are acceptable hence based on the above Committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. Green belt and green area shall be developed as per the plan submitted along with construction activities.
2. It is recommended that the green belt may be developed at an elevated level by raising the ground level by around two feet and sloping inwardly from western boundary (facing the VIP road / lake.) such that no over-flows can reach the VIP road through slopes.
3. A toe wall has to be constructed along the western boundary of the site which is facing the VIP road / lake. Height of the toe-wall has to be raised to 8 feet to ensure that no waste is put / thrown on the slope leading to VIP road.
4. As the proposed site is presently being used as parking for the hotel vehicles alternate site for parking has to be identified by the Hotel management and reported to the MPPCB.
5. As proposed 02 STP of Capacity 379 + 156 KLD based on activated sludge process (SAFF) shall be installed. The STP have to be modified to optimize the operating parameters, as & when required to get the maximum quoted efficiency, accordingly agreement with STP supplier & operator has to be made.
6. Provisions for storing of solid waste expected to generate during construction phase have to be made to avoid any accidents at site.
7. Top-soil excavated during land preparation shall be conserved and used in horticulture etc.
8. It was submitted by the PP that Cement with 15% fly-ash shall be used for construction; committee suggested that cement with such composition may not be available every

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- time hence raw mix with fly ash up to 35 % can be used, after assessing the quality of flyash & compressive strength testing of the cubes before use in actual practice.
9. Registered Society shall be formed by the PP before leaving the site; it would be the responsibility of the society to abide with the environmental legislations applicable.
 10. Hazardous waste (used oil) expected to generate from the DG sets shall be handled as per the provisions of hazardous Waste Rules.
 11. Solar water heaters shall be installed on every block with adequate capacity. Street lights as proposed should have solar panels with provision of maintenance contract.
 12. Roof water harvesting system with 6 Pits shall be constructed. Pits shall be designed as per the norms laid down by MoEF. Overflow of pits shall be connected to storm water drainage system.
 13. In case of any expansion of the project builder shall not execute any sale deeds / agreements without obtaining prior environmental clearance. Any advertisement pertaining to sale of any type of property should address the status of prior environmental clearance and the terms and conditions laid down in the same.
 14. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 593 KLD.
 15. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
 16. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
 17. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
 18. 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.
 19. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
 20. 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.
 21. 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.
 22. 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.
 23. 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. Ready made mix concrete should be used as far as possible.
 24. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
 25. 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.

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26. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
27. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
28. 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.
29. 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.
30. 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.
31. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
32. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
33. 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.
34. 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.
35. 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.
36. 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.
37. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
38. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
39. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
40. 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.
41. 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.
42. 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

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- drinking water and toilet blocks.
43. 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.
 44. 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.
 45. 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.
 46. 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.
 47. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
 48. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
 49. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
 50. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

4. Case No. 426/2009 - Shri Sanjay Yadav, H/3, Dairy Colony, Gola ka Mandir Distt.-Gwalior (M.P.) – Stone Gitty Mine - 13.206 Ha, Production Capacity- 40000 MT/Y at Village-Majra, Khasra No.445, 446,447,449 Tehsil& Distt. -Morena (M.P).

[Env. Consultant- Creative Envirotech 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. TOR for carrying out EIA / EMP was issued vide letter dated- 02/09/2008. PP and his consultant presented the EIA / EMP before the committee in the meeting dated 29/10/2010. The public hearing issues were discussed in detail. During deliberations it was reported that, this is an Open Cast/semi-mechanized Mine. Type of land is barren Land. Nearest Highway is PWD road at 100 meters from the site. Nearest Village is village Majra at 500 meters in SW. Tiktauli Reserve Forest in SW is 480 m from the lease area, Kulaith RF is 6.0km in SE. Nearest River is Asan Nadi at 3.0km towards E. Examination of the Public Hearing proceedings revealed that there were no adverse comments from the public but Collector Morena has pointed out that the proposed site is in proximity of village Mahatoli and earlier complaints regarding damages due to blasting have been received during visit of the area, owing to the same Collector has recommended that the mine should not be accorded environmental clearance. In this context PP has informed that Under Secretary Mining Department has requested the Collector to make a detailed enquiry into the matter. PP has also submitted a copy of NOC granted by the Gram Sabha. Report from the committee constituted by the Collector Morena has been received vide letter dated 05/01/2011. According to the report the distance of site from school and habitat is about 500 meters. The committee has accorded no objection for the project. PP has also submitted NOC from Gram Sabha and Forest deptt. The distance of nearest forest boundary is reported to be 480 meters and distance from the boundary of Chambal National Park is 25 Km.

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A complaint has been forwarded by the SEIAA earlier regarding dispute of mining lease area; the same was placed before SEAC in the 80th meeting dated 03/09/2011. As the complaint pertains to land dispute it was sent to SEIAA for further necessary action.

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 06-01-2007 to 05-01-2017

Geographical location: 26°18'25" to 26°18'39" N & 77°47'56" to 77°47'57" E

s. no.	Tehsil	Village	Revenue circle	Patwari halka	Khasra no.	Area	Ownership	Land use
1	Morena	Majra		29	445, 446, 447, 449	13.206ha	Govt. land	Paharh stony waste

Documents submitted pertaining to land:

1. Notarized/Citified copies of Panchsala Khasra: Submitted

Name of product: Metal Stone

Production capacity: 40000 MT/year

Distance & Location of Lease area from	
Forest boundary	480m
National park Wild life protection act 1982 etc.	
Interstate boundary	Approx 20km
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 will be carried out ▶ 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,

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			legumes, shrubs and grass to prevent the erosion of soil and arrest the dust emission during windy days. <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
	Crusher		Wet-dust suppression systems. Capturing and venting emissions to a control device
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; ▶ Provision of protective devices like ear muffs/ear plugs; ▶ Provision of sound insulated chambers for the workers deployed on machines producing higher levels of noise like bulldozers, drills etc; and ▶ Reducing the exposure time of workers to the higher noise levels. ▶ Hydraulic drills should be used for drilling
Within mine premises	Water	Contamination of water bodies.	<ul style="list-style-type: none"> ▶ Dumps will be provided with garland drains which end into settling tank. ▶ Bunds will be provided to remove the suspended solids. ▶ Drains will be cleaned properly to prevent the siltation ▶ The accumulated water will be provided to farmers of the villages also apart from using mining process ▶ Domestic waste water will be collected in Soak pit
Within mine premises	Land	Change in land form.	1. Vegetation will be removed only from the specific site on which extraction of mineral is to

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			take place, if any.
			2. Proper stabilization of overburden dumps or proper utilisation of overburden dumps.
			3. Proper and effective top soil management.
			4. Garland drains will be created surrounding all the overburden dumps & pit

Public Hearing Public hearing was conducted on 26.07.2010 from 11.00 am at Collector Premises Dist- Morena (MP). Total 18 people have attended the public hearing. Public has demanded to operate the mine by rising their hand unanimously. 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 technical presentation, submissions of the PP and the recommendation of the administrative committee formed by Collector SEAC decided to recommend the case for grant of prior EC subject to the following conditions:

1. The dispute regarding the allocation of mining lease has to be resolved and related documents to be submitted to SEIAA before commencement of any activity on site.
2. 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.
3. Screen of the stone crusher should be covered to minimize the fugitive emissions.
4. Top soil should be preserved separately and should be spread over surface for plantation.
5. Garland drain shall be provided all around the OB area which should be connected to appropriate settling tank.
6. Ground vibrations due to blasting operations should comply with the DGMS standards.
7. Proper stabilization of OB dumps has to be ensured through appropriate plantation.
8. Utilization of sub-grade mineral has to be ensured as far as possible.
9. Safe transportation of materials should be ensured along with construction of haulage road to avoid fugitive emission.
10. Particulate matter emissions have to be maintained as per the MPPCB norms.
11. Thick green belt around the lease area shall be developed. (at least in 33% of total lease area).
12. Periodic health check up camps shall be organized by the proponent at mining site.
13. Provision of first-aid, rest shelter for workers with amenities like drinking water, fan, toilet etc. shall be made by the proponent.

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14. 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. Case No. 635/2011 - Mr. Manish Singh, Commissioner, Municipal Corporation, Harshvardhan Complex, Phase- II, Mata Mandir, Bhopal (M.P.)
Development of Sanitary landfill sites at Adampur Chhaoni, Raisen Road- Bhopal (M.P.)
Env.Consultant -M/s Voyants Solutions Pvt. Limited, Gurgaon, (Haryana) - For TOR

The case was discussed in the 80th meeting of SEAC dated 03/09/2011 for issue of TOR. TOR for the project was approved in the meeting but Committee decided to issue the TOR after conducting a visit of the site. The visit was conducted on 24th October 2011 by a sub-committee of SEAC (Report Annexed). Additional points suggested by the sub-committee are as follows:

- BMS should take required action to procure the land beyond the western boundary such that the land on eastern side of the site (which is presently occupied by the hutments) may remain undisturbed along with the mandatory buffer of 500 meters between the settlements and the site boundary. This would eliminate the R&R and the public resentment can also be avoided.
 - From the discussion held with the representatives of BMC it was understood that,
 1. MSW generation according to the field exercise done by the consultants of BMC is 700+ grams per capita per day.
 2. Height of heap of MSW is proposed to be raised to 25 meters to accommodate entire MSW within the available land which is undesirable. Hence procurement of additional land should be done considering above facts.
 - Construction of perfect storm-water drainage system has to be planned for the site.
 - Appropriate plan for closure of the existing dump site with time-scale, all engineering details & budgetary provisions should be covered in the EIA report.
- Based on the recommendation of the sub-committee and the earlier discussions Committee decided to issue the TOR including the points suggested by the sub-committee.

6. 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*

The case was presented before the SEAC in the meeting dated 05/01/2011 whereby certain queries were raised by the committee. PP submitted the reply to the asked queries along with the supporting documents. The case was deferred for the next meeting as the papers submitted by the could not be examined in the meeting due to shortage of time and also a news paper complaint against the PP was forwarded by the SEIAA was to be examined. The case was again placed before the

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committee in this meeting. It was observed by the committee that the project under discussion is proposed in the SADA Gwalior region and most of the infrastructure (sewer, STP, water supply etc.) shall be developed by the SADA; hence committee decided to hold the case till the schemes of SADA are accomplished or till the SADA obtains prior EC for the whole area. It was also decided by the committee that meanwhile a visit report from the Regional Officer of MPPCB may be called to ensure that no construction activities have been taken up by the PP so far.

SEIAA Query

SEIAA 68th Meeting dated 30/09/2011

- 7. Case No. 66/2008** M/s Associate lime Co. Mission Chowk, Katni, M.P. Limestone mine 11.83 ha. village Nanhwara Teh. Murwara, Katni M.P.
1. Opinion regarding jurisdiction of SEIAA - The application has been forwarded by SEIAA after categorizing the project as 'B' category. However, as per the information submitted by the PP the project site is more than 10 Km from the Protected areas (national Park, Sanctuaries & Tiger reserves), critically polluted areas and inter-state boundary hence falls within the jurisdiction of SEIAA in opinion of SEAC
 2. Distance of nearest forest boundary from the boundary of the proposed site - As per the information given by DFO Katni, Forest boundary is more than 250 meters and Bandhavgarh National Park is 65 Km away from the proposed site. DFO has recommended the case.
 3. Ownership of the land & documents (Certified or Notarized copies) - PP has submitted Notarized copy of Paanch Saala Khasra, which is in name of M/s Associated Lime Co. Katni.
 4. Acceptance of EIA, EMP, and DMP etc. by SEAC - Already examined and dealt in the SEAC meeting dated 29/10/2010. The Submitted EIA, EMP/DMP is acceptable.
 5. Source of water with permission from competent authority - PP was asked to reply to this query by SEAC to PP submitted reply on 21/02/2011 according to which mining pit water shall be utilized for the mining processes.
 6. Mitigation measures proposed by the PP for minimizing the expected adverse impacts - As the case has been recommended by the SEAC it obvious that the mitigation measures proposed in the EMP are satisfactory.

Committee decided to send the cases back to SEIAA without any change in earlier recommendations.

SEIAA Query 68th meeting dated 30/09/2011

- 8. Case No. 71/2008** - Dr. Subhash Agarwal, 1396, Adhartal Jabalpur (M.P.) Sakri Iron Ore, Manganese and Lime Stone Mine - 12.71 Ha. Capacity – 70000 TPA at Village-Sakri, Teh.- Panagar, Distt.- Jabalpur (M.P.)

SEIAA asked the PP for submission of revised submission of the following: EMP, DMP and the Env. Monitoring plan. The documents submitted by the PP are not clear hence PP may be asked for re-submission of the desired documents

SEIAA Query 68th meeting dated 30/09/2011

- 9. Case No. 541/2010** M/s Maihar Cement (A Div of Century Textile & Industries Ltd) Maihar, Cement Complex, Sarla Nagar, Maihar Distt Satna 485772 (M.P)- Captive

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Thermal Power Plant- Enhanced Production capacity from 50 MW to 60 MW at M/s Maihar Cement (A Div of Century Textile & Industries Ltd) Maihar Cement Complex, Sarla Nagar, Maihar Distt Satna 485772 (M.P)

1. Opinion regarding jurisdiction of SEIAA - The application has been forwarded by SEIAA after categorizing the project as 'B' category. However, as per the information submitted by the PP the project site is more than 10 Km from the Protected areas (national Park, Sanctuaries & Tiger reserves), critically polluted areas and inter-state boundary hence falls within the jurisdiction of SEIAA in opinion of SEAC
2. Distance of nearest forest boundary from the boundary of the proposed site – This not a mining case but is a case of power plant in the existing premises of Cement Plant.
3. Ownership of the land & documents (Certified or Notarized copies) - Notarized copies of land ownership documents have been submitted. The same has been examined by the SEAC. According to the submitted Paanch Saala Khasra the land is a Govt. Land & has been lease to M/s Maihar Cement Prop- Century Textile Industries Ltd Mumbai.
4. Acceptance of EIA, EMP, DMP etc. by SEAC – The case was presented before the committee in the meeting dated 16/11/2010, 13/12/2010, 07/01/2011 and 25/08/2011 whereby EIA, EMP /DMP were examined by the SEAC & found acceptable
5. Source of water with permission from competent authority - PP was asked to reply to this query by SEAC to PP submitted reply on 21/02/2011 according to which mining pit water shall be utilized for the mining processes.
6. Mitigation measures proposed by the PP for minimizing the expected adverse impacts - As the case has been recommended by the SEAC it obvious that the mitigation measures proposed in the EMP are satisfactory. However the EMP submitted by the PP reveals following:
 - Air- Boiler shall be facilitated with hybrid filters to maintain emission level less than 50 mg/Nm³. Emission points such as Crusher, transfer point, conveyor belt, coal storage & handling, handling of fly-ash shall be facilitated with appropriate air pollution control measures & equipments to minimize the fugitive emissions.
 - Water- Boiler & Cooling tower blow-down and DM plant rejects will be treated in ETP. The domestic waste shall be treated in existing STP.
 - Solid Waste- Fly-ash shall be collected in dry form & will be used in the existing cement plant within the premises.
 - Other components of EMP as furnished by the PP in the report & subsequent correspondences seem to be adequate and acceptable.

Special conditions have already been mentioned in the earlier minutes which are as follows:

1. Coal proposed to be used should as per the quality for which confirmation letter has been submitted (ash content : not more than 15%, Sulphur: not more than 1%.
2. Boiler shall be facilitated with hybrid filters to maintain emission level less than 50 mg/Nm³.
3. Emission points such as Crusher, transfer point, conveyor belt, coal storage & handling, handling of fly-ash shall be facilitated with appropriate air pollution control measures & equipments to minimize the fugitive emissions.
4. The height of stack shall be 86 meters.
5. Only mine pit water shall used in the power plant, ground water or any other source of water shall not be used.
6. Total ash generated in the plant shall be used in-house in the cement industry.
7. Adequate green area shall be developed as per the plan submitted.

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8. Fly ash evacuation should be carried out as per the fly-ash notification.
9. Risk assessment should be carried out periodically.

Committee decided to send the cases back to SEIAA without any change in earlier recommendations.

SEIAA Query – 68th meeting dated 30/09/2011

- 10. Case No. 629/2011-** Project: M/s Shree Balaji Infrastructure Ltd., S-9, Sagar Plaza, 250, Zone – II, M.P. Nagar, Bhopal (M.P.) – 11 - Proposed Group Housing Project “ Swastik Grand ” at Khasra No.46/1, Village- Jatkhedi, Tehsil- Huzur, Distt.- Bhopal (M.P.) Total Plot Area- **16340.00 sq mt.**, Total Built up Area - 35448.62 sqmt Building Construction. Category: ‘B’ 8(a).

The case was discussed in detail in the 78th SEAC meeting dated 26/08/2011. Committee has covered all the aspects of the project including waste water management, municipal solid waste management, energy conservation, rain water harvesting etc. while appraising the case. The PP has submitted the requisite documents in the meeting dated 26/08/2011 and recently has submitted a notarized copy of letter from Project Manager JNNURM regarding supply of 250 KLD water from the scheme. The case was forwarded to the SEIAA with recommendation for grant of prior EC laying special conditions. As EMP and other technical submissions made by the PP are acceptable to the committee the case is once again forwarded recommending prior environmental clearance to the project, subject to following additional special conditions:

1. It was reported that 15000 MLSS shall be maintained in the biological reactor of the STP this appears to be less feasible hence PP has to check the results while operating the STP and if required STP shall have to be modified to optimize the operating parameters, accordingly agreement with STP supplier & operator has be made.
2. Provisions for storing of solid waste expected to generate during construction phase have to be made to avoid any accidents at site.
3. Top-soil excavated during land preparation shall be conserved and used in horticulture etc.
4. It was submitted by the PP that Cement with 15% fly-ash shall be used for construction; committee suggested that cement with such composition may not be available every time hence raw mix with fly ash up to 35 % can be used, after assessing the quality of flyash & compressive strength testing of the cubes before use in actual practice.
5. 117 KLD of treated waste sewage is proposed to be used for Cooling DG set, flushing and gardening, no plan for disposal of excess treated waste water has been given in the report, hence PP is required to sign a MoU with users who can lift the excess treated waste water from the colony for use.
6. Registered Society shall be formed by the PP before leaving the site; it would be the responsibility of the society to abide with the environmental legislations applicable.
7. Hazardous waste (used oil) expected to generate from the DG sets shall be handled as per the provisions of hazardous Waste Rules.
8. DG Set norms as laid down by the CPCB shall be followed by the Operators.
9. Green belt and green area shall be developed as per the plan submitted along with construction activities.

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10. Solar water heaters shall be installed on every block with adequate capacity. Street lights as proposed should have solar panels with provision of maintenance contract.
11. Roof water harvesting system with 6 Pits shall be constructed. Pits shall be designed as per the norms laid down by MoEF. Overflow of pits shall be connected to storm water drainage system.
12. Building permission shall be obtained from the competent authority prior to any construction activity.
13. In case of any expansion of the project builder shall not execute any sale deeds / agreements without obtaining prior environmental clearance. Any advertisement pertaining to sale of any type of property should address the status of prior environmental clearance and the terms and conditions laid down in the same.
14. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 108 KLD.
15. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
16. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
17. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
18. 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.
19. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
20. 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.
21. 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.
22. 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.
23. 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. Ready made mix concrete should be used as far as possible.
24. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
25. 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.
26. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
27. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
28. The construction materials and debris shall be properly stored and handled to avoid negative

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- impacts such as air pollution and public nuisances by blocking the roads and public passages.
29. 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.
 30. 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.
 31. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
 32. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 33. 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.
 34. 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.
 35. 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.
 36. 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.
 37. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 38. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 39. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 40. 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.
 41. 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.
 42. 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.
 43. 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.
 44. Necessary auto glow signage at all appropriate places shall be provided to guide the people

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towards exits and assembly points during the unforeseen emergency and eventuality conditions.

45. 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.
46. 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.
47. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
48. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
49. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
50. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

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SEIAA 64th Meeting dated 04/08/2011

11. Case No. 477/2009 – Shri Nimish Arora, Director, M/s Aarone Developers Pvt Ltd, 6 th Floor, Office Tower, Select City Walk, A3, District Centre Saket, New Delhi – 017. –The case was returned by SEIAA for reconsideration in accordance to the MoEF letter dated 24/05/2011. The EIA report submitted by the PP has been appraised in detail during earlier meetings of SEAC. However, the documents submitted by the PP are not notarized hence the same may be collected before grant of prior EC. SEAC decided to consider the case to SEIAA for grant of prior EC subject to following special conditions:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 2090 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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.
9. 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.
10. 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. Ready made mix concrete should be used as far as possible.
11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
12. 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.
13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
15. 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.
16. Environment Management Cell shall be formed, which will supervise and monitor the

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Environment related aspects of the project during construction and operational phases in addition to observance of Madhya Pradesh Building and other Construction Workers Rules.

17. 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.
18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
20. 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.
21. 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.
22. 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.
23. 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.
24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.

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32. 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.
33. 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.
34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
35. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

65th SEIAA Meeting dated – 26/08/2011

- 12. Case No. 229/2008-** M/s Twenty First Century Developers (P) Ltd 6th Floor Treasure Island – II, Tukoganj, Main Road Indore (M.P) – Residential Township Project at village Bijalpur, Indore (M.P).

The case was returned to SEAC vide the minutes of the SEIAA meeting dated 26/08/2011; it was desired that SEAC should impose stringent conditions in view of CEPI of Indore. The case was placed before the committee it was suggested by the committee that the case has been dealt in detail in earlier meetings keeping in view all safe guards for the environment. However, as desired by SEIAA, SEAC decided to forward the case back to SEIAA for grant of prior EC, imposing following special conditions:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 1177 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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

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- acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.
9. 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.
 10. 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. Ready made mix concrete should be used as far as possible.
 11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
 12. 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.
 13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
 14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
 15. 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.
 16. 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.
 17. 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.
 18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
 19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 27. 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

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Corporation and local authorities within a period of 5 years.

28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
35. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

13. Case No. 578/2010- M/s Trikaya Cultivations (P) Ltd C/o Equinox Reality & Infrastructure (P) Ltd Tower-1, 5th Floor Equinox Business Park (P) Ltd. Office Bandra Kurla Complex, LBS Marg Kurla (West) Mumbai – 400070- Residential Colony ay village – Bilauji Tehsil- Waidan, Distt- Singrauli (M.P).

The case was returned to SEAC vide the minutes of the SEIAA meeting dated 26/08/2011 with following observation of SEIAA:

- SEAC should impose stringent conditions in view of CEPI in Singrauli.
- Land record statement, Latest certified copies of Khasra & water requirement in the project.

The case was placed before the committee it was suggested by the committee that the case has been dealt in detail in earlier meetings keeping in view all safe guards for the environment. PP has re-submitted the certified copies of land qwnership documents and Khasras along with the statement for water requirement for the project

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during operation phase. The submitted documents and other features of the project appear to be acceptable hence, SEAC decided to forward the case back to SEIAA for grant of prior EC, imposing following special conditions:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 235 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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.
9. 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.
10. 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. Ready made mix concrete should be used as far as possible.
11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
12. 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.
13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
15. 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.
16. 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.
17. 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.
18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection

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- of sewage before reuse / recycle / discharge.
19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 27. 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.
 28. 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.
 29. 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.
 30. 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.
 31. 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.
 32. 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.
 33. 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.
 34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
 35. Use of glass shall be minimal to reduce the electricity consumption and load on air

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conditioning.

36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

14. Case No. 497/2010 - The case has been returned by SEIAA for imposing stringent conditions. The case was placed before the committee it was suggested by the committee that the case has been dealt in detail in earlier meetings keeping in view all safe guards for the environment. The project is already recommended by SEAC however following special conditions can be imposed while granting prior EC to the project:

1. PP shall promote schemes for conservation of water in such a way that the fresh water demand shall not go beyond 214 KLD.
2. All sanitary fittings, pipelines etc. used in the project shall be of premium quality conforming the norms to avoid wastage of water through leakages.
3. PP shall use surface water supplied by the municipal corporation in the project as far as possible and no abstraction of ground water shall done with out obtaining the permission from CGWA.
4. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
5. 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.
6. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
7. 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.
8. 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.
9. 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.
10. 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. Ready made mix concrete should be used as far as possible.
11. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
12. 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.
13. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
14. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
15. The construction materials and debris shall be properly stored and handled to avoid

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- negative impacts such as air pollution and public nuisances by blocking the roads and public passages.
16. 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.
 17. 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.
 18. Best available technology (BAT) such as Ultra violet radiation shall be used for disinfection of sewage before reuse / recycle / discharge.
 19. Dual plumbing system as proposed shall be adopted for the re-use of treated waste water.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. The applicant shall install the electric utilities / devises, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.
 25. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
 26. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
 27. 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.
 28. 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.
 29. 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.
 30. Necessary emergency lighting system along with emergency power back up system

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shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.

31. 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.
32. 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.
33. 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.
34. Roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirements.
35. Use of glass shall be minimal to reduce the electricity consumption and load on air conditioning.
36. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system of the project.
37. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

15. Case No. 187/2008 - Mr. Ashim Gandhi, Village-Lasudia Parmer, tehasil: Sanwer, Dist- Indore Project: Parsynath SEZ Ltd. Indore, Plot Area-309788 Sq. meter, Built Up Area- 30857 sq. meter. (SEIAA letter No. 678 dated 03/11/2011) - The case was dealt in the 15th meeting dated 14/11/08 whereby PP was asked to submit reply to the queries. PP has not submitted complete reply to the requisite queries despite of reminder; Committee decided to give a last reminder to the PP for submission of reply to the said queries. If reply is not filed by December 2011 the case may be send back to SEIAA for de-listing.

16. Following Cases have been returned by SEIAA for reconsideration on various issues such as:

- Opinion on the jurisdiction of SEIAA on the basis of distance of the project site from Protected Areas (National Park, Sanctuaries and Tiger Reserves), critically polluted areas and Inter-state boundary
- Distance of nearest forest boundary from the boundary of the proposed site.
- Ownership of the land & documents (Certified or Notarized copies)
- Acceptance of EIA, EMP, DMP etc. by SEAC
- Source of water with permission from the competent authority.
- Mitigation measures proposed by the PP for minimizing the expected adverse impacts.
- Conditions for grant of prior EC

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| 1. Case No. 466/2009 | 5. Case No. 293/2009 | 9. Case No. 491/2009 |
| 2. Case No. 320/2009 | 6. Case No. 292/2009 | 10. Case No. 213/2008 |
| 3. Case No. 569/2010 | 7. Case No. 155/2008 | 11. Case No. 159/2008 |
| 4. Case No. 432/2009 | 8. Case No. 567/2010 | 12. Case No. 244/2008 |

The cases along with the forwarding letter was placed before the committee. The committee is of the opinion that these cases have been dealt in various meetings of SEAC keeping in view all the environmental/ technical issues. On reviewing the cases, the committee observed the following:

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Chairman

(V. Subramanian)
Member SEAC

(Dr Mohini Saxena)
Member SEAC

(K.P. Nyati)
Member SEAC

(A.P. Srivastava)
Member SEAC

1. The SEACs at the State or UT level are constituted by the Central Government in consultation with the concerned State Government or UT administration as the case may be.
2. SEIAAs are also constituted by the Central Government based on nominations made in respect of Chairman, Member and Member Secretary by the concerned State Government or UT Administration.
3. As per the EIA Notification – 2006, the Member – Secretary (SEIAA) is supposed to be familiar with environmental laws (including EIA Notification, the applicability of ‘General Condition’ etc.). As such, one sees no reason as to why the SEAC should be asked to give its opinion on the jurisdiction of SEIAA. Even if opinion is needed, it could have been sought informally, without linking it with the reconsideration or re-examination of the projects / activities.
4. SEAC as per the EIA Notification – 2006 is mandated to:
 - a. Screen the projects / activities into B₁ or B₂ categories
 - b. Scope the projects / activities to evolve detailed and comprehensive TORs and convey such TORs to the concerned applicants.
 - c. Final EIA Report and other relevant documents are to be submitted by the applicant to the Authority and shall be scrutinized in its office within 30 days from the date of its receipt by the concerned Regulatory Authority strictly with reference to the TOR and the inadequacies noted shall be communicated electronically or otherwise in a single set to the Members of the EAC /SEAC enclosing a copy each of the Final EIA Report including the public hearing proceedings and other public responses received along with a copy of Form - 1 or Form 1A and scheduled date of the EAC /SEAC meeting for considering the proposal (etc.). SEAC will appraise the projects / activities by undertaking through environmental scrutiny of the application documents and may invite the authorized representative of the applicant to seek clarification, additional information etc. wherever needed.
 - d. Undertake site visits whenever needed and at any stage of screening, scoping or appraisal
 - e. To make categorical recommendation in respect of grant or rejection of EC with specific terms and conditions relating to the nature of projects / activities and the site specificities or with reasons for rejection

And this is what SEAC – MP does. However, Final EIA report is neither received in SEIAA nor scrutinized by their office before its appraisal by SEAC.

5. As regards mining projects within 250m of forest boundary, checking availability of NOC from prescribed Committee as per the Circular of 2008 is only an administrative matter which any officer in SEIAA could easily check.
6. Likewise, the issue of checking the documents relating to the ownership of the land is also an administrative matter and SEIAA officers can easily do it.
7. The very fact that SEAC is recommending projects for grant of environmental clearance implies that the project proponents have responded to the TORs and other queries to the satisfaction of SEAC. As regards EIA, DMP or EMP etc. is concerned,

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they are prepared in accordance with the TORs issued by SEAC to the project proponents. These TORs are duly based on the nature and size of the project, the technology employed the site specificities and numerous other factors that may impinge on environmental aspects relating to the project and the area surrounding the site. Separate endorsement of their being satisfactory therefore is unwarranted.

8. In fact such an endorsement may run contrary to the objective of QCI – NABET's Scheme of accreditation of EIA Consulting organizations. It may be noted that MoEF has mandated preparation of EIAs only by the QCI – NABET accredited EIA consultants as far as the process of Environmental Clearance under EIA Notification – 2006 is concerned. It is the job of QCI – NABET to ensure that Quality and factual EIA reports are prepared by the accredited consultants. An endorsement of the kind desired by SEIAA therefore is likely to be misused by the accredited EIA consultants for their own benefit.
9. As regards mentioning of specific conditions clearly and unequivocally, the point made by SEIAA is valid. And it shall be ensured that this is clearly included in the Minutes of SEAC's meetings.
10. Not only the availability of water on sustained basis but also its consumption, collection, treatment and re-use/ safe disposal, is clearly an extremely important issue from environmental perspective; this dimension is subjected to a thorough and detailed scrutiny by SEAC. However, checking on the permission of the competent authority is again an administrative matter and is within the domain of SEIAA.
11. The mitigation measures proposed by project proponents are always examined by SEAC for its efficacy and effectiveness. Wherever necessary, further improvements are mandated through specific conditions. SEIAA, therefore may like to consider stipulating an overarching general condition in all the ECs that
“All the mitigaive measures as proposed in the EMP must be strictly implemented and sustained over the entire life of the project”
12. It may please be noted that SEAC is not mandated by the EIA Notification – 2006 to prepare an Appraisal Report. Even in MoEF, Appraisal Committees have never been requested to prepare Appraisal reports case by case, if SEIAA desires, a suitable format containing administrative and technical information may be developed at their end and may be sent to SEAC after filling up the administrative information and other observation, if any taken during the scrutiny of the final EIA report as provided in para 7.2 of appendix 4 of the EIA Notification. SEAC, will fill up the remaining technical information during the appraisal of the case and will send back to SEIAA after appraisal..
13. As regards construction or area development projects are concerned SEAC always satisfies itself both on adequacy of water requirement as well as adequacy of the STP. On all other issues pertaining to approvals, permissions etc., SEIAA may like to obtain copies of approvals directly from Project Proponents. SEAC on such matters can hardly do any value addition.
The observation along with the above cases may be sent to SEIAA office for their consideration and further necessary action.

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Chairman

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Member SEAC

**** Meeting ended with thanks to the chair and the members. ****

**(S.C. Jain)
Chairman**

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