

The meeting conducted on 2nd September, 2011 was presided by Shri S.C. Jain, Chairman. Following members attended the meeting-

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

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

1. Confirmation of minutes of 77th & 78th meetings of SEAC dated 25th & 26th August 2011

The minutes of 77th & 78th meetings of SEAC dated 25th & 26th August 2011 were confirmed and approved.

2. Consideration of the Projects

10 fresh cases (for TOR / EIA deliberations) and 02 cases (No. 621/2011 and No. 622/2011, carry forwarded from the meeting held during August 2011) were invited to make presentation before the SEAC.

Deliberations:

- 1. Case No. 627/2011 - M/s Shree Kamal Lime Industry, Station Road- Katni, Distt. -Katni (M.P.) 483-501 - Darshani Iron Ore, Manganese ore, Laterite & Ochre Mine, at Village - Darshani Part of 380, Part of 388, Tehsil- Majholi, Distt.- Jabalpur (M.P.) Area- 5.70 Ha. Capa. - 26768 TPA *Env. Consultant- Creative Enviro Services, Bhopal.* 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 project of a new mine yet to open and submitted for

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TOR approval. The case 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:

Project

1.	Project	Darshani Iron Ore, Manganese ore, Laterite & Ochre Mine, at Village - Darshani Part of 380, Part of 388, Tehsil- Majholi, Distt.- Jabalpur (M.P.)
2.	Proponents as per application and Lease	M/s Shree Kamal Lime Industry, Station Road- Katni, Distt. -Katni (M.P.) 483-501
3.	Operational status	New yet to open
4.	Proposed mining lease area	5.70 Ha Minalable area – 3.62 Ha
5.	Lease period	23/05/2011 to 22/05/2041
6.	Production capacity	26768 MTA
7.	Mining method	Open Cast Other than fully mechanized.

Location aspects and land details:

SN	PARTICULARS	DESCRIPTION
1.	Geological Location	Lat- 23° 30' 35.4" to 23° 30' 45" N Long- 80° 03' 57.4" to 80° 04' 9.8" E
2.	Nearest Habitat	Village Darshani Tola at 250 meters in NE from the site. Village- Gujri – 750 meters in NNW Darshani – 1 Km in S
3.	Khasra No.	Part of 380 & part of 388 at village Darshani
4.	Type of land	Govt Revenue land
5.	Present land use	Barren land/ Hillock.
6.	Nearest highway	NH-7 at 4.5 Km
7.	Ecological sensitive area in 10 Km radius	None
8.	Notified heritage sites in 10 Km radius	None

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9.	Nearest RF	Haragarh RF at 8.0 Km in ESE
10.	Important Water bodies	Local pond – 200m in North Local pond – 100m in SW Darshani pond – 800 m in S River Kanari – 1.5 Km in SSE
11.	Ground water table	10m bgl (monsoon) 20m bgl (dry season)
12.	Ultimate depth of mine and whether mining shall intercept the GW table	382 mRL, yes mining shall intercept the GW table.

After deliberation Committee has agreed to issue TOR to carry out EIA with inclusion of following special terms of reference:

1. Hydro-geological studies shall be carried out and mitigative measures to prevent GW contamination shall be detailed out in EIA report.
2. Habitat is reported in proximity (250 meters) hence measures proposed to prevent the habitants from any damages has to be detailed out.
3. Exact stripping ratio to be evaluated and accordingly back-fill plan to be prepared in the mine closure plan and dimensions of OB dumps to be reported.
4. Detailed land use pattern within 5 Km radius around the site to be reported.
5. As two local ponds are reported near mining lease area hence PP should ensure smooth access of villagers to these ponds.

2. Case No. 630/2011 M/s Ashvin Jhaveri Father Rasiklal Jhaveri and others “Silver Sand” 39/1, South Tukoganj, Indore (M.P.) Residential Building Project: - Limbodi, at KhasraNo.15/1/1, 12/10/2/1, 12/10/2/1/1, 12/10/2/1/2, 12/10/2/1/4, 12/10/2/1/3 Vill.- Limbodi, Tehsil & Distt.- Indore (M.P.) Total Plot Area- 11,160.00 sq mt., *Total Built Up Area – 36115.98 sq mt.* Env. Consultant- Grass Roots Research & Creation India (P) Ltd. Noida (U.P.). For Building Construction

The building construction projects are listed at SN 8(a), hence are required to be appraised by SEAC. This is a proposed *Residential Building Project: - Limbodi, at KhasraNo.15/1/1, 12/10/2/1, 12/10/2/1/1, 12/10/2/1/2, 12/10/2/1/4, 12/10/2/1/3 Vill.-*

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Limbodi, Tehsil & Distt.- Indore (M.P.). The proposed site falls outside the Indore Municipal Corporation limits. The nearest railway station is Indore at a distance of approx. 6.28 km and Air Port is at 10 Km. The proposed site is located at about 100 meters away from the Bilawali lake.

Deliberations and submissions by the proponent revealed following details on the salient features of the project:

Total Plot Area	11,160.00 m ²
Area under construction	Main residential: 10,620 m ² EWS: 540 m ² (not included in the case for EC as the land allocated is not linked to the proposed site)
Total Built up Area	36,115.98 m ²
Area under road	942 m ²
FAR area	21,981.46 (@2.78)
Green area provided	3,682 m ² (31.4%)
Location of Project	<i>Khasra No. 15/1/1, 12/10/2/1, 12/10/2/1/1, 12/10/2/1/2, 12/10/2/1/4, 12/10/2/1/3 Vill.- Limbodi, Tehsil & Distt.- Indore (M.P.)</i>
Population	1500 persons
Total Water Requirement	210 KLD (Potable: 130KLD)
T. Waste/Water Generation	160 KLD
Waste Water treatment	01 STP of Capacity 180 KLD based on activated sludge process (SAFF) [Claimed results: pH 6.5 -8.5, TSS less than 10 mg/l, BOD less than 20 mg/l, COD less than 100 mg/l
Disposal of sewage	<ul style="list-style-type: none">• flushing 56 KLD• Horticulture 21 KLD• DG cooling: 03 KLD• Recreation: 15 KLD.• Irrigation of nearby park/ farmers till construction of sewer line of Municipal Corporation: 33 KLD

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Solid waste generation	819.5 Kg/day
Power Requirement	1858 KVA
Back up Power facility	02 DG sets of 250 KVA each
Parking Space	for 280 Cars

Documents submitted by the PP:

1. Land ownership documents- not clear
2. Approval from Town & Country Planning Department- to be re-arranged and submitted.
3. Land diversion papers to be submitted.

After deliberation committee has asked the PP for submission of reply with supporting documents to the following queries:

- 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 to be rearranged & submitted.
- 5) Permission from CGWA for abstraction of required quantity of ground water.
- 6) Clearance from Air Port Authority.
- 7) Permission from Municipal corporation for disposal of MSW
- 8) Copy of rules in context to essentiality of construction of EWS with main project.
- 9) Treated waste water is proposed to be used for irrigation in nearby parks and farming lands permission / consent from the concerned authorities / individuals to be submitted.
- 10) Permission from Gram Sabha for construction to be submitted.
- 11) Detailed plan to avoid any flow of waste water from the premises into the Bilawali lake has to be submitted.
- 12) EMP should clearly indicate the impacts, impact zone, mitigative measures and responsible agency to execute the plan.

Detailed project including the final building plans complying with the stipulated environmental conditions with all other statutory approvals may be submitted

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for SEAC consideration for recommending case for grant of prior EC to the competent authority.

3. Case No. 633/2011 - Mr. D.K. Mittal (Location Head) M/s Trident Group, Hosangabad Road- Budhni, Tehsil.- Budhni, Distt.- Sehore (M.P.) Pin –45 Project: Coal Based Captive Thermal Power Plant of 2x30 MW at existing Trident Group Complex, at khasra No. 36/1, 36/2, 36/4, 36/5, 36/6, 40/1, 40/2, 40/3, 39/1, 39/2, 41/1, 41/2, 42 & 43 Village- Budhni, Distt. – Sehore (M.P.) *Env. Consultant- Not disclosed For Tor*

This being Coal based thermal power plant with production capacity ≥ 500 MW (coal/lignite/naphta & gas based) is covered in the Schedule of EIA Notification under category B and mentioned at S.N. 1(d) of the Schedule of EIA Notification 2006, and is therefore required to be appraised by the SEAC as per the provisions of the notification. The case was placed before the committee in this meeting. Presentation and submissions made by the PP and his consultant reveals that this power plant is proposed to cater the power need of the Textile unit in the same land (600 acres). The salient features of the proposed project are as follows:

SN	PARTICULARS	DESCRIPTION
1.	Project	Coal Based Captive Thermal Power Plant of 2x30 MW (60 MW)
2.	Total Area	600 Acres
3.	Area for textile unit	134 acres
4.	Area for the proposed Power plant	95 Acres
5.	Green belt area	200 Acres
6.	Open area	201 Acres
7.	Location	Khasra No. 36/1, 36/2, 36/4, 36/5, 36/6, 40/1, 40/2, 40/3, 39/1, 39/2, 41/1, 41/2, 42 & 43 Village- Budhni, Distt. – Sehore (M.P.)
8.	Fuel	Coal to the tune of 820 TPD
9.	Proposed Boiler	Circulating Fluidized bed Combustion 150 TPH AT 105 at a working pressure.
10.	Fly ash generation	205 TPD
11.	APC	Stack height 100 Meters, ESP & dust extraction filters [claiming: 50mg/Nm ³]

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12.	Fresh water demand	6600 KLD
13.	Source of water	River Narmada [approval accorded by govt. of MP vide letter dated 27/06/08]
14.	Waste water generation	1440 KLD
15.	Waste water treatment	ETP with capacity of – 1500 KLD is proposed & STP 200 KLD

After deliberations committee has agreed to issue TOR to the proponent to carry out EIA with inclusion of following issues in the report:

Observations and issues to be addressed in the EIA report specifically:

- It was observed by the committee that the power plant is proposed in the premises of textile unit which is in the vicinity of river Narbada. River Kaliadeh a tributary of Narbada is at less than 2Km from the project boundary - impacts on the rivers to be evaluated with area of impact and the mitigation proposed to subside the impacts.
- A seasonal natural stream is reported to be crossing from the project site – Plan to conserve the said nalla has to be presented with EIA report.
- It is also observed that Village Moukalan falls within 2 Km radius of the site- impacts on the habitants to be evaluated with area of impact and the mitigation proposed to subside the impacts.
- Budni RF is reported to be 3 Km in West from the site – Location with respect to Ratapani Abhyaran has to be elaborated and plan to avoid impacts on forest to be furnished.
- PP has proposed to use imported coal with various compositions, quantification of fuel has been carried out taking calorific value as 5400 kCal/kg and accordingly the quantification of ash & its management has been submitted. PP has to submit exact coal analyses likely to be used in the plant with assured supply of coal for the plant. Also a comprehensive ash management plan for utilization and disposal as per flyash notification. has to be prepared for the worst scenario and submitted.
- Exact distance from NH-69 to be reported and the measures to minimize the impacts on traffic flow on the Highway to be dealt in detail.
- Traffic jam due to down stream development in the region has to be addressed.
- Route for transportation of coal and other materials have to be explained in detail along with detailed EMP for impacts.
- Source of additional water required for the power plant has not been stated in the presentation. In this context PP is required to submit source of water for power plant with supporting permissions from the competent authority. Also this should be supported with water balance / budgeting in conjunction with spinning mill.

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- A separate plantation scheme for the area (95 Acres) proposed for power plant has to be submitted.
- Hospital & school is proposed in the CSR plans PP has to submit details of these in the EIA report with budgetary provisions, break-up and executing agency of the plan.
- It is proposed that the company shall go for water cooling instead of air cooling – PP has to submit justification for this proposal.
- Compliances of the terms & conditions of the Air/Water consents and HW authorization pertaining to spinning unit have to be elaborated in the EIA report.
- In order to conserve water, PP has to explore the possibility of increasing C.O.C. (Cycle of Concentration) in the cooling towers and detail the same in the EIA report.

4. Case No. 632/2011 Mr. Jain 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.) at Khasra No. (67/1/3, 68, 79/7/2, 80, 81, 82, 83), (79-80-81-82-83/5/2), (79-80-81-82-83/5/6), (79-80-81-82-83/5/7), (79-80-81-82-83/3/1/2 kh), (69/1/1), (69/1/9/2), (69/1/11), (70/3), (71/1/1), (71/1/2), (72), 73, 74, (75, 76/1/1/1/3/1), (69/2), (70/2), (70/1), (71/2), (67/1/1, 68), (67/1/2, 68), (67/1/3, 68, 79/7/1, 80, 81, 82, 83), (67/1, 68/5, 79, 80, 81, 82, 83/9/3), (67/1, 68/5, 79, 80, 81, 82, 83/9/2), (67/1, 68/4/2), (67/1, 68/4/1/3/4), (67/1, 68/4/1/3/1), (67/1, 68/5, 79, 80, 81, 82, 83/9/1/1ga) (67/1, 68/4/1/2), (79, 80, 81, 82, 83/4/2), (67/1, 68/5, 79, 80, 81, 82, 83/9/1/1 ga), (67/1, 68/4/1/3/6), (67/1, 68/4/1/2), (67/1, 68/4/1/3/2), (67/1, 68/4/1/3/5), (67/1, 68/5, 79, 80, 81, 82, 83/9/1/1kha), (67/1, 68/4/1/3/2), (67/1, 68/4/1/3/3), Gram- Misrod, Tehsil- Huzur, Distt.- Bhopal (M.P.) Total Plot Area- 88,840.00 sq mt., Total Built Up Area – 1,33,907.78 sq m. **Env. Consultant- Grass Roots Research & Creation India (P) Ltd. Noida (U.P.). For Building Construction.***

The building construction projects are listed at SN 8(a), in the schedule of EIA Notification, hence are required to be appraised by SEAC. This is a proposed *Residential Building Project: - Misrod, Tehsil- Huzur, Distt.- Bhopal(M.P.).* The proposed site falls within Municipal Corporation limits of Bhopal.

Deliberations and submissions by the proponent revealed following details on the salient features of the project:

Total Plot Area	88,840.00 m ²
Area under construction	Main residential: 10,620 m ² EWS: 540 m ² (not included in the case for EC as the land allocated is not linked to the proposed site)

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Total Built up Area	1,33,907.78 m ²
Area under road	2,377.04 m ²
T. proposed FAR area	1,14,021.30 m ² (@1.25)
Green area provided	31,100 m ² (35.01%)
Location of Project	<i>Khasra No. 15/1/1, 12/10/2/1, 12/10/2/1/1, 12/10/2/1/2, 12/10/2/1/4, 12/10/2/1/3 Vill.- Limbodi, Tehsil & Distt.- Indore (M.P.)</i>
Population	8180 persons
Total Water Requirement	935 KLD (Potable: 654.5KLD)
T. Waste/Water Generation	804 KLD
Waste Water treatment	01 STP of Capacity 1000 KLD based on activated sludge process (SAFF) [Claimed results: pH 6.5 -8.5, TSS less than 10 mg/l, BOD less than 20 mg/l, COD less than 100 mg/l
Disposal of sewage	<ul style="list-style-type: none">• flushing 280.5 KLD• Horticulture 192 KLD• DG cooling: 8.1 KLD• Recreation: 15 KLD.• Proposed to be disposed off in sewer line of Municipal Corporation: 243.4 KLD
Solid waste generation	3942.5 Kg/day
Power Requirement	5198 KVA
Backup Power facility	02 DG sets of 750 KVA each
Parking Space	for 2082 Cars

Documents Submitted by the PP:

1. Land ownership documents- not clear; to be rearranged properly and submitted.
2. Approval from Town & Country Planning Department – to be rearranged & submitted.

After deliberation committee has asked the PP for submission of reply with supporting documents to the following queries:

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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.

Detailed project including the final building plans complying with the stipulated environmental conditions with all other statutory approvals may be submitted for SEAC consideration for recommending case for grant of prior EC to the competent authority.

5. Case No. 504/2010 - M/s Greenwood Agro Forestry Pvt. Ltd, 43-A, General Market, Dawa Bazar Gandhibag – Nagpur Nagpur (Maharashtra) - Gwari-Wadong Manganese ore deposit mine 11.732 ha. at village Gwari-wadona, Teh-Sousar, Distt-Chhindwara-M.P. For EIA Presentation Env. Consultant-Creative Enviro Services, Bhopal.

1. **ToR issued** vide letter no 266 dt. 23/04/10, Amended letter (dt. 30/04/10),
2. **Revised ToR** issued vide letter no 600 dt. 09/08/10.

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

6. Case No. 602/2010 - M/s Krishna Phoschem Ltd, Manohar Raghuwanshi, 127, Rachna Nagar, Bhopal Bhopal (M.P.) Rock Phosphate beneficiation plant MPAKVN, Industrial area, plot No. 118-B, 119, 120 Megh Nagar, The- Jhabua, Distt-Jhabua-(M.P.), Capacity: SSP Powder 1,20,000 MT/Y and Granulated SSP-

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90,000 MT/Y. ToR issued vide letter no 15 dt. 13/01/11 **For EIA Presentation - Env. Consultant- Creative Enviro Services, Bhopal.**

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

- 7. Case No. 631/2011-** Mr. Sunil Moolchandani, M/s Chinar Reality Pvt. Ltd. “Chinar House” 231, Zone-II, M.P. Nagar, Bhopal (M.P.) - Group Housing Project at Ratanpur Sadak Khsara No. 1051, 1052, 1053/1, 1053/2, 1054/2, 1055/2, 1055/3, 1059/1, 1059/2, 1060, 1061, 1062, 1063, 1064, 1065, 1070, 1071, 1073, 1074, 1075, 1096 Narela Hanuma Khsara No. 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, Teh.- Huzur, Distt. – Bhopal (M.P.) Total Land Area - 11,500.00 M2 Total Built Up Area – 99,710.98 m². **Env. Consultant- Insitu Envirocare Bhopal For Building Construction**

The building construction projects are listed at SN 8(a), in the schedule of EIA Notification, hence are required to be appraised by SEAC. This is a proposed *Residential Building Project*: - Ratanpur Sadak and Narela Hanuma, Tehsil-Huzur, Distt.- Bhopal(M.P.). The proposed site is outside the Municipal Corporation limits of Bhopal.

PP was not present in the meeting and the representative of the proponent failed to brief the project. It was also stated by the representative of the proponent that he is not authorized to make any commitment before the committee regarding compliance of any of the suggestions or directions in respect of this project. Hence committee decided to defer the case until the request for reconsideration is received from the PP.

- 8. Case No. 557/2010 - M/s Madhya Bharat Agro Products Ltd, Manohar Raghuwanshi 127, Rachna Nagar, Bhopal-(M.P.) - Beneficiation of Rock phosphate Capa. – 90,000 TPA, plant at Village- Saurai, Industrial Area, Teh-**

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Banda, Distt-Sagar-M.P. ToR issued vide letter no 436 dt. 24/06/10 For EIA Presentation *Env.Consultan: Creative Enviro Services, Bhopal.*

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

- 9. Case No. 634/2011 - Sh. Manoj Jain, Drector 32, Itwara Road - Bhopal (M.P.)** 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 building construction projects are listed at SN 8(a), hence are required to be appraised by SEAC. This is a proposed *Residential Building Project: - 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.)* The proposed site falls within Municipal Corporation limits of Bhopal.

Deliberations and submissions by the proponent revealed following details on the salient features of the project:

Area break-up

Ground Coverage	Area (Sq.m)	Area (Hectares)
A. Total Plot area	55290.00	5.52
B. City Park Area	8403.08	0.84
Net Area	46886.92	4.68
Permissible Ground Coverage	14025.85	1.40

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Area of Road & Pathway	9990.00	0.99
Informal Sector Plot Area	1147.80	0.11

Other features of the project

Total Population(floating Population)	3090 Person
Total Water Demand(Potable & Non-Potable)	417.15KLD(249.3+167.85) KLD
Waste Water	333.720 KLD
Treated Water	300.348 KLD
Recycling in Flushing & Gardening	210.244 KLD
Surplus treated waste water	90.104 KLD
Solid waste generation	
Residential	1.53
Commercial Areas	0.14
Garden & Open Space	0.08
STP Sludge	0.08

After deliberations Committee has decided to ask the project proponent to submit following information with supporting documents where ever necessary:

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.

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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.

Detailed project including the final building plans complying with the stipulated environmental conditions with all other statutory approvals may be submitted for SEAC consideration for recommending case for grant of prior EC to the competent authority.

10. Case no. 614/2010- M/s JKM Investment (P) Ltd. MR-10, Near toll tax gate Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P) - 'Prem Shanti Residency, Opposite to JKM Investment (P) Ltd. Khasra No. 57, 59/1 Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P) – township project in 7 Acres land. *Env. Consultant: Creative Enviro Services, Bhopal.* Building Construction

The building construction projects are listed at SN 8(a), hence are required to be appraised by SEAC. This is a proposed *Residential Building Project:- at Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P)*. The proposed site falls outside the Municipal Corporation limits of Indore.

Deliberations and submissions by the proponent revealed following details on the salient features of the project:

Project	*Prem Shanti Residency, Opposite to JKM Investment (P) Ltd. Khasra No. 57, 59/1 Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P) – township project in 7 Acres land
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Total Plot Area	Out of total land of 7.405 Ha the proposed project is coming on only 3.159 Ha.
Net Planning Area	31591.17 m ²
Ground Coverage	Main residential: 9627.48 m ²
Total Built up Area	1,33,907.78 m ²
Green area provided	3501.85 m ²
Location of Project	Khasra NO. 57, 58, 45/1, 37, 55/1, 55/2/1, 46/1, 49/1, 48/2, 46/2, 45/3/1, 45/2, 44/1, 48/1, 46/3/2, 45/4, 44/3, 59/1. Village- Kumedi, P.O. Bhawrasla, Tehsil- Sawner, District- Indore (M.P)
Population	1315 persons
Fresh Water Requirement	145.53 KLD
T. Waste/Water Generation	171 KLD
Waste Water treatment	01 STP of Capacity 200 KLD
Disposal of sewage	<ul style="list-style-type: none">• flushing 59 KLD• Horticulture 50 KLD• washings etc : 10 KLD• Remaining 35 KLD treated waste water is proposed to be drained out.
Solid waste generation	263 Kg/day
Power Requirement	2000 KVA
Backup Power facility	01DG set of 100 KVA
Parking Space	375 Cars

Documents Submitted by the PP:

1. Land ownership documents- Notarized copies of all land ownership documents of registry – 7.405 Ha registered in name of JKM Investment (P) Ltd.
2. Copy of Approved plan from Town & Country Planning Department.
3. Building Permission.

After deliberation committee has asked the PP for submission of reply with supporting documents to the following queries:

1. Land diversion letter issued from the competent authority for all pieces of the land included in the project with statement of the same.
2. Notarized copy of Approved lay out to be submitted.

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3. Permission from concerned agency for fulfillment of required quantity water.
4. Part of land in the NE corner has to be covered under Green area; accordingly plan and commitment to be submitted.
5. MSW management with necessary permission from the Indore Municipal Corporation to be obtained and submitted.
6. Plan to dispose the excess treated waste water to be submitted.

Detailed project including the final building plans complying with the stipulated environmental conditions with all other statutory approvals may be submitted for SEAC consideration for recommending case for grant of prior EC to the competent authority.

Included as per the decision of 78th Meeting

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

This is a project on setting up an Integrated Paint Industry which falls under Category: B 5(h). The case was deferred in the 78th meeting of SEAC dated 26/08/11 as the consultant was not accredited to prepare EIA for this sector. committee has suggested the PP that proponent or his authorized representative can present the case for TOR in next meeting. Accordingly PP has requested to take their case in this meeting for issue of TOR, it was also ensured by the PP that they shall engage authorized environmental consultant to carry out the EIA studies. The case was presented by the PP after the deliberations followings were revealed by the committee:

Project	Akzonobel India Limited proposes to set up green-field plant (s)	
Location	Plot nos GAE-1, GAF-1, GAF-2 at Malanpur Industrial Estate Bhind district, Madhya Pradesh. Village: Gurikha, Taluk:Gohad, District:Bhind, State :Madhya Pradesh	
Plant Coordinates	26°21'18.13" N	78°15'55.4" E
	26°21'31.32" N	78°16'2.38" E
	26°21'21.39" N	78°16'25.2" E

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	26°21'8.5" N 78°16'18.51" E
Product & capacity	<ul style="list-style-type: none"> • Water based Paint – 150 MLPA • Solvent based Paint – 50 MLPA • Tinter Manufacturing – 7.2 MLPA
Raw material	Total plot area
Area of Land	Built-up area
Type of Land	Green belt area
Project Cost	Open land area
Road Connectivity	NH-3, the Agra-Bombay road
Nearest Habitat	Tillori (0.5 km)
Rail Connectivity	Railway line (5.0 Km)
Airport	Gwalior (5.9 km)
Water Bodies	Morar Nadi (2.5 Km)
Archaeological/Historical /Ancient Monuments within 10 km radius	None
Forest	Mawai Reserve Forest (1.3 km), Sanichara Reserve Forest (6.0 km)
Sanctuaries/National Parks within 10 km radius	None
Water Requirement	460 KLD, Source: Malanpur Industrial Estate
Employment Potential	256

Environmental components likely to be effected

Env Component	Generation	Management
Waste water management	• Water Based process (5 KL/day), Tinter process (4KL/day), Solvent Based Process (20KL/day) total: 29 KLD	Shall be treated in Effluent Treatment Plant
Total Sewage generated	(40 KL/day)	Will be treated in sewage treatment plant

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Solid Waste Management	Empty plastic /paper bags of raw materials, Card Board Boxes and paper from office & Waste wood i.e. broken wooden pallets corrugated boxes, poly bag liner and gum side of stickers etc.- not quantified	Proposed to be sold to scrap vendors
Batteries	Not quantified	to be sent back to manufacturer on buy back basis
Air Quality	Emissions of SO ₂ , NO _x and CO are expected from the proposed unit due to following activities: <ul style="list-style-type: none"> • Vehicular movements • DG set operations • material handling and transportation 	Air Pollution Control Measures <ul style="list-style-type: none"> • Dust extraction system like bag filters. • Adequate water spray system.
Treated Effluent and Treated sewage: Will comply with Indian standards for irrigation application IS 11624:1986. and will be used for gardening		

Committee has agreed to issue TOR to the proponent to carry out EIA studies & to prepare EMP with inclusion of following points into the studies:

- Two air monitoring stations shall be installed near the boundary falling towards forests.
- Lay out of the plot clearly indicating various activity zones and land cover to be submitted.
- At least 30 meters wide green belt has to be planned around the periphery of the plant.
- The species of plants should be selected such that they absorb maximum dust emissions.
- Titanium oxide and Iron oxides are proposed to be used as raw materials, residues of these add to the soil pollution hence Pp is required to give detailed analyses of the wastes being generated from the process.

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- Details of treatment of all types of wastes to be submitted along with the drawings & designs of all proposed ETPs' and STPs'.
- EIA/EMP should clearly spell out :
 - Point source emissions – with details of emissions & control measures
 - Fugitive emissions – with detailed analyses & control measures
 - Water pollutants - with detailed analyses & control measures
 - Solid wastes - with detailed analyses and characterization and ultimate disposal

- A plan detailing their impacts, impact zone and mitigations has to be furnished in the following format:

SN	Type of Impact	Impact zones (direction specific)	Management Plan taken up to rectify the impact	Period of implementation with date of start and completion	Responsible person for implementation

- Types of hazardous wastes and their characterization & route of disposal have to be elaborated in the EIA report.
- Flow chart showing material movement & balance with quantification of each & every component at every step to be presented.

12. Case No. 622/2011 Mr. Ghanshyam Ahuja, M/s Akzo Nobel Coating India Private Limited, Plot No. 62-A & B Hoskote Ind. Area, Bangalore – 562 114 For ToR Instalation of Powder Coating Plant of m/s Akzonobel Coatings India Private Limited, Malanpur Industrial Estate in Gwalior, GAE- 1, GAF-1&2, Village- Gurikha, Tehsil-Gohad, Distt.- Bhind, (M.P.) Env. Consultant: Bhagwati Ana Labs ltd. Hyderabad

This is a project on setting up an Integrated Paint Industry which falls under Category: B 5(h). The case was deferred in the 78th meeting of SEAC dated 26/08/11 as the consultant was not accredited to prepare EIA for this sector. committee has suggested the PP that proponent or his authorized representative can present the case

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for TOR in next meeting. Accordingly PP has requested to take their case in this meeting for issue of TOR, it was also ensured by the PP that they shall engage authorized environmental consultant to carry out the EIA studies. It was reported by the PP that this unit is proposed with in the main plot of *Integrated Paint Plant at Malanpur Industrial Estate GAE- 1,GAF-1,GAF-2,Distt.- Bhind, (M.P.)* Hence all **geographical and location details of this projects are same as the Case no. 621/2011.**

The case was presented by the PP after the deliberations followings was revealed by the committee:

Name of the Project	Installation of Powder Coating Plant by M/s Akzonobel Coatings India Private Limited
Production capacity	10,000 MT/Annum
Area of Land	56 acres (16 acres for powder coating plant)
Land Type	Malanpur Industrial area in Gwalior. The proposed area is developed by IIDC for the industries.
Cost of the project	Rs. 55.4 Crores
Plant Capacity	10000 MT/Annum
Power	20988 Kwh/day
Water Requirement including machines top Gardening Domestic Water	22.18 KLD Source: Water will be drawn from the Industrial authority water supply scheme
Employment Potential	150
Raw Material	Wax, Additives, Filler, Pigments, Rutile (TiO ₂), Hardener, Polyester Resin, Epoxy Resin, Flow Control agents and Benzoin

After deliberations committee has observed that the proposed unit is air polluting unit due to fugitive emissions of ultra fine particulate matter in the environment.

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Committee has decided to issue TOR to the proponent with inclusion of following points in the EIA studies and plans:

- Ultra-fine particulate matter in the fugitive emissions is required to be separated out & collected. The proposed bag filter system for removal of fine powder does not appear to be sufficient enough; hence systems like wet scrubbing may be planned to control the fine emissions into the environment.
- Chemical and particle size analyses of the emitting dust have to be carried out and reported along with the other possible air pollutant.
- All hazardous wastes have to be identified and quantified accordingly their mode of disposal has to be furnished in the report.
- At least 30 meters wide green belt has to be planned around the periphery of the plant.
- The species of plants should be selected such that they absorb maximum dust emissions.
- Details of treatment of all types of wastes to be submitted along with the drawings & designs of all proposed ETPs' and STPs'.
- EIA/EMP should clearly spell out :
 - Point source emissions – with details of emissions & control measures
 - Fugitive emissions – with detailed analyses & control measures
 - Water pollutants - with detailed analyses & control measures
 - Solid wastes - with detailed analyses and characterization and ultimate disposal
- A plan detailing their impacts, impact zone and mitigations has to be furnished in the following format:

SN	Type of Impact	Impact zones (direction specific)	Management Plan taken up to rectify the impact	Period of implementation with date of start and completion	Responsible person for implementation

- Types of hazardous wastes and their characterization & route of disposal have to be elaborated in the EIA report.
- Flow chart showing material movement & balance with quantification of each & every component at every step to be presented.

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Meeting ended with thanks to the chair.

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