

The 204<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 4<sup>th</sup> July, 2015 under the Chairmanship of Dr. R. B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Shri K.P Nyati, Member
3. Dr. U.R. Singh, Member
4. Dr. M.P. Singh, Member
5. Dr. Alok Mittal, Member
6. Shri Manohar K. Joshi, Member
7. Shri A.A. Mishra, Secretary

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

**1. Case No. – 2918/2015 Shri Firoj Khan S/o Shri Yasin Khan, Vill.-Ringnod, Teh.-Jaora, District- Ratlam (M.P.) River Bed (Manyakhedi) Sand Quarry Lease Area - 6.10 Ha., Capacity - 4,000 cum/year, at Vill.-Manyakhedi, Teh.-Jaora, District- Ratlam (M.P.)**

This is a case of mining of sand. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *Vill.-Manyakhedi, Teh.-Jaora, District- Ratlam (M.P.)* in **6.10 ha**. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 623 dated 02/05/2015, has reported that there is no mine operating or proposed within 1000 meters around the said mine .

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions ó at annexure -Bø

1. Annual abstraction of sand shall be as per the approved Mining Scheme and the depth of mining shall be restricted to 3m or water level, whichever less is and production capacity not exceeding **4000 Cum/Year**.
2. A safety zone of 100 meters shall be maintained from the -Raptaø (pedestrian bridge).
3. Mining shall not be allowed in the eastern side of the -Raptaø (pedestrian bridge).

**2. Case No. – 2938/2015 Shri Sunny Gaur, MD, M/s Jaiprakash Associates Limited, Sector-128, Noida, UP-201304 For – ToR Limestone Mine Lease Area- 19.009 Ha., Capacity - 15,000 cum/year, at Vill.-Bankuiyan, Teh.-Huzur, District-Rewa (M.P.)**

Neither the Project Proponent (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 subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the

case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

- 3. Case No. – 2939/2015 Shri Praveen Singh Bundela, Prop., M/s Balaji Granites, H-12, K.K. Colony, Teh. & District-Datia (M.P.)-473661 For – ToR Granite Mine Lease Area - 21.00 Ha., Granite - 22140 cum/year, Gitty Stone - 26291 cum/year, at Khasra No. – 219, Vill.-Sunar, Teh.-Datia, District - Datia (M.P.) For – ToR Env. Cons.-Eko Pro Engineers Pvt. Ltd. Ghaziabad (U.P.)**

This is a mining project pertaining to mining of Granite in a lease area of 21.0 Ha. Application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR. Scrutiny of the documents reveals that the location of the project is not clear from the details submitted by the PP. Hence PP was asked to re-submit the revised information clarifying the exact location of the project. The case was deferred till receipt of factual information.

- 4. Case No. – 2940/2015 Shri Rakesh Kumar Agrawal, Prop., M/s Rakesh Stone Crushing, Deepshika Bhawan, Civil Lines, Shahdol (M.P.)-484001 Stone Mine Lease Area - 1.416 Ha., Capacity - 6,500 cum/year, at Khasra No. 371/1, Vill.-Kanchanpur, Teh.-Sohagpur, District-Shahdol (M.P.)**

This is a case of mining of stone bolder The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 371/1, Vill.-Kanchanpur, Teh.-Sohagpur, District-Shahdol (M.P.) in 1.416 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the tehsildar & DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 309 dated 16/032015, that 02 more mines are operating / proposed within 500 meter radius around the said mine and the total lease area is 3.320 ha. PP has reported that the pit formed after mining shall be developed into a water body.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions ó at annexure -Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 6,550 Cum/Year.
2. Crusher shall not be installed in the lease area.
3. Garland drain connected to appropriate settling tank shall be constructed to prevent any run-offs from the mine into the nearby water body located towards eastern boundary of the mine site.

- 5. Case No. – 2978/2015 Shri Ganpat Patel S/o Shri Daulat Patel, Salimpura, Teh.-Kasrawad, Khargone (M.P.)-451228 Rupkheda Basalt Stone Quarry Lease Area - 1.00 Ha., Capacity - 5,700 cum/year, at Vill.-Rupkheda, Teh.-Kasrawad, District-Khargone (M.P.)**

This is a case of mining of stone bolder The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Vill.-Rupkheda, Teh.-Kasrawad, District-Khargone (M.P.)* in **1.00 ha**. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the tehsildar & DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 1555 dated 27/03/2015, that 01 more mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 2.0 ha. PP has reported that the pit formed after mining shall be developed into a water body.

Scrutiny of the Mining Plan reveals that the mandatory 7.5 meter broad buffer strip has not been left all around the periphery of the lease area. Hence PP was asked to revise the Mining Plan and submit the approved copy of the same with in 1 month's time. The case shall be appraised after receipt of the same.

**6. Case No. – 2982/2015 Mr. Abhiudya Agarwal (Authorized Signatory), M/s Geomin Industries Pvt. Ltd., 270, Garha Fatak, Jabalpur (M.P.)-482002 For – ToR Prior Environment Clearance for approval of Laterite & Ochre Mine Lease Area - 7.33 Ha., Capacity - 67,611 TPA, at Vill.-Dharampura, Teh.-Sihora, District-Jabalpur (M.P.)**

This is a case of mining of Laterite & Ochre. The application was forwarded by SEIAA to SEAC for Scoping so as to determine TOR to carry out EIA / EMP study. The proposed site is located at *Vill.-Dharampura, Teh.-Sihora, District-Jabalpur (M.P.)* in **7.33 ha**. The project requires prior EC before commencement of any activity at site. Laterite being a minor mineral as per revised mining rules, PP requested to consider the project under category B-2. It was observed that the lease area is bifurcated into two blocks by a road.

The case was presented by the PP and his consultant. Based on the submissions and the presentation committee issued following TORs in addition to the standard TORs prescribed by the MoEF and CC:

- Copy of agreement /consent with the Land Owner to be submitted.
- Water from the hillock is expected to flow through the lease area especially the OB storage area, hence drainage pattern addressing all possible receiving water bodies to be examined and accordingly a mitigation plan to be furnished.
- Impacts expected on the agriculture field from the mining to be elaborated along with the mitigation plan in this respect.
- Transport management within lease area and outside the lease area to be detailed out including evacuation plan.

**7. Case No. – 2985/2015 Shri Pramod Sonpali, Vill.-Samnapur, Teh. & District-Dindori (M.P.)-481778 Jhanki Metal Stone Quarry Lease Area - 1.00 Ha., Capacity - 8,000 cum/year, at Khasra No. – 303, Vill.-Jhanki, Teh.-Dindori, District- Dindori (M.P.)**

Neither the Project Proponent (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 subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

- 8. Case No. – 2902/2015 Shri Ummedlal Rahangdale, Vill.-Dongargaon, Post-Seoti, Teh.-Kirnapur, Balaghat (M.P.)-481115** *Sevti Metal Stone Quarry Lease Area - 1.00 Ha., Capacity - 5,700 cum/year, at Vill.-Sevti, Teh.-Kirnapur, District-Balaghat (M.P.)*

Neither the Project Proponent (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 subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

- 9. Case No. – 3008/2015 Shri Rajkishore Patel S/o Shri Omkar Patel, Vill.-Chilachonkhurd, Teh.-Narsinghpur, District- Narsinghpur (M.P.)-487001** *Chilachonkhurd Crusher Stone Quarry Lease Area-1.00 Ha., Capacity - 6,468 cum/year, at Khasra No.- Vill.-Chilachonkhurd, Teh.-Narsinghpur, District- Narsinghpur (M.P.)*

Neither the Project Proponent (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 subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

- 10. Case No. – 3009/2015 Shri Arvind Janghela S/o Shri Ramesh Prasad Janghela, Vill.-Bandha, Teh. & District-Seoni (M.P.)-480661** *Bandha Stone & Murram Quarry Lease Area - 2.90 Ha., Capacity - 24,035 cum/year, at.- Vill.-Bandha, Teh.-Seoni, District-Seoni (M.P.)*

This is a case of mining of stone bolder The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at - *Vill.-Bandha, Teh.-Seoni, District-Seoni (M.P.)* in **2.90 ha**. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the tehsildar & DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 2319 dated 01/10/2014, that 01 more mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 5.8 ha. PP has reported that the pit formed after mining shall be developed into a water body.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions ó at annexure

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1. Production of stone boulder shall be as per the mining plan not exceeding 24035 Cum/Year.
2. The depth of any of the mine pits shall not exceed 20 meters.

**11. Case No. – 3019/2015 Shri Sudheer Agrawal, Partner, M/s Agrawal Builders & Colonizers Co., E-4/231, Arera Colony, Bhopal (MP)-462018** *Prior Environment Clearance for approval of proposed construction of residential towers "Sagar Life Style" at Khasra No. – 112/1/Kha, 11/2/1/3/1, 112/2/1/3/2, 108/4/1, Village-Misrod, Tehsil-Huzur, District-Bhopal (MP) Total Land Area- 2.955 Ha., Total Built Up Area- 58950 Sq.mt. Building Construction.*

This is a building construction project comprising total plot area of 2.955 ha and total built-up area of 58950 sq mt for residential development.

The project falls under category 8 (A) of the Schedule of EIA Notification, hence requires prior EC before commencement of any activity on site. The case was presented before the committee by the PP and his consultant. The submissions and the presentation revealed following aspects of the project:

The salient features of the project include: Affordable multi stores, school, Sufficient green area, and Apartments for Economic Weaker Section.

**PROJECT DETAILS**

#	Project Requirement	Details
1	Proposed Project	Sagar Life Style
2	Location	Village Misrod, Tehsil- Huzur, Bhopal (MP)
3	Owners and Developers	M/s Agrawal Builders & Colonizers
4	Nearest Railway Station	Habibganj ó 7.5 km
5	Nearest Airport	Bhopal -23
6	Plot Area	2.955 ha
5	Proposed Built-up Area	58950.00 Sq mt
6	Landscaped Green Area	2955.00 Sq mt
7	Dwelling Units	564 Multiunit (HIG=288, MIG = 192, LIG-36 & EWS- 48
8	Total Population	2970
9	Total Water requirement	383 KLD
10	Total Fresh Water requirement	255 KLD
10	Solid waste generated	1574 KG
11	No. of Parking proposed	15286.08 sq mt for 510+ 10 number
12	Total Power requirement	22917 units/month
13	Height	18.0 M + Podium Parking + Stilt

**DETAILS OF APPROVALS OBTAINED / APPLIED FOR**

- T & CP Approval- 1467/LP-109/29/NAGRANI/JIKA/2013 , dt 02.09.2013
- NOC from water supply and excess treated water disposal from corporation and solid waste disposal from municipal corporation have been obtained

**STATEMENT OF AREA**

Total Number of Flats : 564 no.  
 HIG & MIG Flats : HIG=288 & MIG = 192  
 LIG Flats : 36  
 EWS : 48  
 Parking : stilt 628.57 sq mt + Podium ( 14844.04) = 15472.61 sqmt for  
 516 number of vehicle

**Area calculation for environment clearance**

Block No.	B.U.A. Including Balcony	Corridor/Stairs	Floor	Total Floor Area
<b>EACH FLOOR</b>				
1	883.00 sqm	86.58 sqm	6	5298.00 sqm
2	883.00 sqm	86.58 sqm	6	5298.00 sqm
3	1002.00 sqm	98.50 sqm	6	6012.00 sqm
4	1002.00 sqm	98.50 sqm	6	6012.00 sqm
5	1766.00 sqm	172.56 sqm	6	10596.00 sqm
6	1766.00 sqm	172.56 sqm	6	10596.00 sqm
7	1766.00 sqm	172.56 sqm	6	10596.00 sqm
8	678.00 sqm	91.00 sqm	6	4068.00 sqm
9.	Club House	414 sqm	-	414 sqm
10	Shops ( 5 no.)	60 sqm		60 sqm
<b>Total</b>				<b>58950.00sqm</b>

**(A) Area abstract has been enclosed as Under**

<b>(A)Area For Multi Unit Residence</b>		
Particulars	Area	%
Plot Area	29550.00 Sqm	100 %
Area Under 12.0 Wide Road	1438.05 Sqm	4.86 %
Net Planning Area	28111.95 Sqm	
Proposed Parks As Open Area At Ground Lvl	795.64 Sqm	10 %
Proposed Parks As Open Area At Podium Lvl	2159.36 Sqm	
Prop. Service Area (STP Sump Well & Transformer)	221.38 Sqm	0.74 %
Proposed Area For School	800.00 Sqm	2.70 %
Proposed Area For Amenities ó Club House Ground Coverage	470.00 Sqm	1.59 %
Proposed Maximum Ground Coverage Unit Block + LIG Block Amenities + Club House		30 %
Proposed Podium Parking Area Including Area For C. Shops	14657.51 Sqm	
Proposed Stilt Parking	628.57 Sqm	

Proposed Utility Area/ Circulation Area		49.25%
Total Area	29293.20 Sqm	99.14 %
-Bø Area For Informal Sector		
Total Area -Bøó Slum Area	256.80 Sqm	0.86 %
Total	29550.00 Sqm	100 %

**Schedule Of Proposed Parking**

**Podium Parking :**

1 Ecs / 30 Sqm = 14657.51 / 30  
= 488.58 Say 489Nos.

**Stilt Parking :**

1 Ecs / 30 Sqm = 628.57 / 30  
= 20.9 Say 21 Nos.

**Required Parking:**

Residential @ 1 Ecs / 100 Sqm. B.U.A  
Club House @ 1 Ecs / 50 Sqm. B.U.A  
Casual Shops @ 1 Ecs / 50 Sqm. B.U.A  
N. School @ 1 Ecs / 70 Sqm. B.U.A

**Source of water supply**

1. In construction phase we will take water supply form the private tanker suppliers and treated water from nearby colony if available. .
2. The Main source of water supply in operation phase will be corporation water supply. It will cater the domestic requirement whereas additional water requirement for flushing, land scaping and washing will be fulfilled by treatedwater from STP.

**Water Requirement for the project**

<p><b>Total water requirement : 383 KLD</b>  <b>Total Flushing water requirement : 128 KLD</b>  <b>Total waste water generation : 345 KLD</b>  <b>Total treated water available : 311 KLD</b>  <b>Total Fresh water requirement : 255 KLD</b>  <b>Total Horticulture water requirement : 15 KLD</b>  <b>Excess treated water available : 311-128-15 = 168 KLD</b></p>
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**ENVIRONMENT MANAGEMENT PLAN**

**STP Details**

SAFF based Capacity : 375 KLD

**Rainwater Harvesting**

It is informed that total 03 pits shall be provided for water harvesting in the project

**Solid waste management**

It is estimated that at about 1574 kg per day of waste will be generated from the facility during the operation

**CONSTRUCTION DEBRIS**

- Recycled aggregate will be used for filler application, and as a sub base for road construction. Mixed debris with high gypsum, plaster, shall not be used as fill, as they are highly susceptible to contamination, and will be given to recyclers.
- Construction contractors shall remove metal scrap from structural steel, piping, concrete reinforcement and sheet metal work from the site. A significant portion of wood scrap can be reused on site. Recyclable wastes such as plastics, glass fiber insulation, roofing etc shall be sold to recyclers.

#### **OPERATION PHASE**

##### **Collection and transportation**

- During the collection stage, the biodegradable and non- recyclable/ non biodegradable waste will be stored and collected separately. There will to separate MSW collection centre i.e. each for multi unit segment and LIG/EWS segment. Coloured collection bins shall be provided in proper numbers
- To minimize littering and odours, waste will be stored in well designed containers/bins that will be located at strategic locations to minimize disturbance in traffic flow.
- The collection vehicles will be well maintained to minimize noise and emissions, and while transporting waste, these will be covered to avoid littering.

##### **Disposal**

- With regard to the disposal/treatment of waste, the facility will disposed off the waste and STP sludge at trenching ground of Bhopal Municipal Corporation.

#### **AIR ENVIRONMENT**

- DG set will have appropriate stack height as prescribed by the Central Pollution Control Board
- Proper ventilation will be provided to all parts of the building
- Open burning of any waste shall not be allowed.
- Open area for land scape is 2955 sq mt area.

#### **NOISE POLLUTION**

- Noise Emission Control Technologies: DG generator will have suitable acoustic enclosure which shall be designed for minimum 65 dB (A).
- DG set will have stack height ass per the CPCB formulation
- Ambient Noise Monitoring shall be carried out as per direction of MPPCB

#### **ENERGY CONSERVATION MEASURES**

- Green LED based lighting will be done in the common areas, landscape areas, signages, entry gates and boundary walls etc.
- Roof, walls & fenestration products (sash and frame) shall comply either the maximum U-Factor or minimum Insulation R- Values.
- DG sets shall be on auto cut and auto start controlled mechanism.
- Variable Frequency Drives (VFD) have been proposed for the Pumps and Blowers.
- It is proposed to use Cellular Light Weight Concrete (CLC), which uses fly ash for manufacturing.
- All the roofs are proposed to be insulated to minimize heat gain with 50 mm expanded polystyrene or equivalent insulation.
- Efficient plumbing equipments will further help reduce energy consumption.

#### **FIRE & SAFETY MEASURES**

- Overhead Fire storage tanks as per NBC 2005
- Fire Hydrant System
- Automatic Fire Alarm System
- Hydrant pumps, Sprinkler pumps & Jockey pumps.
- Hand Held Fire Extinguishers



- Automatic Sprinklers System
- Wet risers, Fire Extinguishers, Hose Reel.

#### **LAND SACPE PLAN**

Total open space for land scapis proposed as 2955 sq mt which is as per T & CP. PP has informed that the inclusive of podium land scape, road side and boundary wall plantation, the area comes 5586 sq mt which is nearby 18% of the area.

**PP was asked to submit a detailed plantation scheme including the name of species, location map, and budgetary provisions; the same was submitted by the PP during the meeting.**

The submission and the presentation made by the PP and his consultant were found to be satisfactory and acceptable, hence the case was recommended for grant of prior EC subject to the following special conditions:

1. The fresh water requirement for the project shall not exceed 255 KLD.
2. MSW storage area with 48 hours storage capacity shall be provided.
3. The excess treated waste water shall be discharged into the municipal sewer line after ensuring the quality of waste water as per the laid norms.
4. Modular type of STP shall be planned so as to cater both segments of the proposed township.
5. Installation of Solar water heater may be explored.

**12. Case No. – 3023/2015 Shri Ajay Pal Singh, Director, M/s Jindutt Minerals Pvt. Ltd., 6th km Sagar Road, Post Office-Dhadari, District-Chhatarpur (M.P.)-471001 For- ToR Khera Majora Iron Ore Deposit Lease Area - 4.60 Ha., Capacity - 1,14,750 TPA, at Compartment No.- 308, (Khera Majoora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.)**

This is a case of Iron Ore Mining in a lease area of 4.60 Ha, with proposed production capacity of 11470 TPA. The mine is located at Compartment No.- 308, (Khera Majoora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.). The project is covered as item 1(a) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. Salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant in the meeting dated 04/07/2015. After deliberations committee has issued **following TORs' in addition to the standard TORs' prescribed by the MoEF & CC:**

- *Cumulative impact addressing all the mines in proximity.*
- *Drainage pattern to be studied to evaluate the impacts on water bodies.*

**13. Case No. - 3055/2015 Shri Shiv Kumar Bansal, Manager, M/s A & A Enterprises, 15/978, Rudra Enclave, Front of Collector Banglow, Malakhedi Road, Hoshangabad (M.P.)-461001 Sand Quarry Lease Area - 5.100 Ha., Capacity - 16,160 cum/year at Khasra No.- 24, Village-Guda, Tehsil-Pawai, District-Panna (M.P.)**

It was reported by the members that they have not received the copy of project details in advance hence the case could not be appraised in the meeting. It was decided to defer the case for consideration in forthcoming meetings of SEAC.

- 14. Case No. - 3057/2015** Shri Shiv Kumar Bansal, Manager, M/s A & A Enterprises, 15/978, Rudra Enclave, Front of Collector Banglow, Malakhedi Road, Hoshangabad (M.P.)-461001 Sand Quarry Lease Area - 5.500 Ha., Capacity -1,35,100 cum/year at Khasra No.- Village-Udla, Tehsil-Amanganj, District-Panna (M.P.)

It was reported by the members that they have not received the copy of project details in advance hence the case could not be appraised in the meeting. It was decided to defer the case for consideration in forthcoming meetings of SEAC.

- 15. Case No. - 3058/2015** Shri Shiv Kumar Bansal, Manager, M/s A & A Enterprises, 15/978, Rudra Enclave, Front of Collector Banglow, Malakhedi Road, Hoshangabad (M.P.)-461001 Sand Quarry Lease Area - 5.300 Ha., Capacity - 40,000 cum/year at Khasra No.- Village-Sunwani Khurd, Tehsil-Amanganj, District-Panna (M.P.)

It was reported by the members that they have not received the copy of project details in advance hence the case could not be appraised in the meeting. It was decided to defer the case for consideration in forthcoming meetings of SEAC.

- 16. Case No. - 3059/2015** Shri H.S. Bhatia, Director, M/s Agrawal Distilleries (P) Limited, 104, Shikhar Residency, Opposite Hotel Fortune Land Mark, Vijay Nagar, Indore (M.P.)-452010 For- ToR Prior Environment Clearance for approval of proposed 40 KLPD Grain Based Distillery for production of RS/ENA & 1.5 MW Co-generation power plant at patwari halka no. - 43, Khasra No.- 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.) **Total Project Area- 71.6 Acres.**

This is a case of grain based distillery comprising production of RS and ENA including Co-generation of power generation of 1.5 MW, with proposed production capacity of 11470 TPA. The unit is proposed *patwari halka no. - 43, Khasra No.- 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.)*. The project is covered as item 5(g) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. Salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant in the meeting dated 04/07/2015. After deliberations committee has issued **following TORs' in addition to the standard TORs' prescribed by the MoEF & CC:**

- *Expected Odor nuisance in the nearby Jagatpura Village to be addressed.*
- *The solid waste generated in the process is claimed to be used as cattle feed; details regarding its quality, use and overall management to be furnished.*

- 17. Case No. – 2491/2015** M/s Meghnagar Pharmachem Pvt. Ltd., Gangotri Farm & Nursery Compound Nandesari Chokdi, N.H. No. – 8, Vadodara (Guj.) – 391340 – **EIA Presentation** Synthetic Organic Chemical manufacturing Unit of M/s Meghnagar Pharmachem Pvt. Ltd., Plot No. 98-A, AKVN, Meghnagar, Vill.- Meghnagar, Distt. ó Jhabua (M.P.) Capacity- Dyes Intermediates @ 35 MT/Month (**CF from 191<sup>st</sup> Meeting**)

The EIA report forwarded by SEIAA was placed before the SEAC for appraisal. PP and his consultant presented the salient features of the project and the EIA / EMP report. After deliberation PP was asked to submit response to following points along with supporting documents:

- Worst case scenario with respect to air water and hazardous waste.
- How zero liquid discharge shall be achieved?
- Compliance of MSI HC Rules.
- On site and Off site emergency plan.
- Plantation scheme incorporating the provision of dense green peripheral belt along with the financial allocation.

*PP shall be required to present the responses before the committee.*

**18. Case No. – 2089/2014 Mr. Sarkar, General Manager, Madhya Pradesh Audyogik Kendra Vikas Nigam, 1st Floor, Tawa Complex, Bittan Market, E-5, Arera Colony, Bhopal-16** *Prior Environment Clearance for proposed Industrial Area Development Project at Tehsil-Babai, District-Hoshangabad, MP - Prescribing of TOR regarding. ToR issued (163 SEAC Meeting dt. 24.12.14) letter No. - 19 dt. 20/01/15 EIA Presenttion. Env. Consultant : SANES, Delhi.*

The project pertains to development of an Industrial Estate in a plot area of 679 ha. It is reported that the proposed industrial estate shall not be housing any industry belonging to Category A or B. That is, only those industries shall come up in the estate which is exempted from the provisions of EIA Notification. Thus the project falls under 7(c), B Category and requires prior EC from MPSEIAA. TOR was issued vide letter dated 20/01/2015 to carry out EIA / EMP. EIA report with EMP was forwarded by SEIAA to SEAC for appraisal. PP and his consultant presented the salient features of the EIA / EMP before SEAC in the meeting. The presentation and submission made by the PP reveals following:

Mohasa Industrial area is proposed on an undeveloped barren Government land spread in an area of 1678.73acres (679ha). The land was transferred to MPAKVN, Bhopal in July 2012 for industrial development.

Site location: Babai Tehsil, Hoshangabad district

~ Plot area: 1678.73acres (679ha).

~ Accessibility: Approachable via NH69 connecting SH 22

~ Nearby towns : Hoshangabad -18kms ; Itarsi ó 21km; Bhopal ó 100km

**Salient features of the project:**

Land	Undeveloped Government land
Plot size	1678.73 acres (679ha)
Type of project	Industrial area development ~ Agro based food processing sector ~ Textile sector ~ Dedicated area for Micro & Small Industries
Location	Located in the vicinity of 8 villages viz. Mohasa, Madhavan, Jhasar seth, Goradiamoti, Peelikharar, Chaplasar, Makodia, Sanghakheda Kala covered under Babai Tehsil of Hoshangabad district.
Surface and ground water availability	Surface Water: Narmada river flows north of the site over 8km away and Tawa river-a tributary of Narmada river flows at a distance of 3km south of the proposed site. Ground water: The groundwater resource of the district is under-developed and under-utilized. As per CGWB report, 2009 all

	blocks of Hoshangabad district come under safe category.
Water source and requirement	<p>WATER SOURCE: Surface water from Narmada river flowing at a distance of 8 km from the proposed site.</p> <p>WATER SUPPLY DEMAND: Total water requirement 23.01MLD</p> <p>“ Industrial demand : 17.92 MLD</p> <p>“ Domestic water demand: 0.32MLD</p> <p>“ Horticulture development: 2.5MLD</p> <p>“ Firefighting ; 0.20MLD</p> <p>About 20% of the total water demand will be met by recycling of water.</p>
Power source and requirement	<p>POWER REQUIREMENT: 10MVA</p> <p>SOURCE OF POWER SUPPLY: Power will be supplied from the 132/33kV sub-station at Gujarwada located 20.5 km away from the Project site</p>
Manpower requirement	Manpower projected: 42000 (approx) workers. The industrial area will have area earmarked for residential purpose.
Waste water generation	<p>Waste water generation: 11.04MLD</p> <p>It is estimated that about 60% of the total water supply for industrial use (17.92MLD) would be converted to industrial waste water (inclusive of effluent) and 20% of the total water supply will be recycled.</p>
Solid waste generation	<p>“ The domestic waste (biodegradable) will be composted and used as manure. The non-biodegradable waste like paper, plastic, glass etc. will be sold to authorized recyclers.</p> <p>“ The hazardous waste like waste oils, ETP sludges, etc. will be collected and disposed off to the nearest common hazardous waste disposal facility offsite as per Hazardous Waste (Management and Handling) Rules, 1989.</p> <p>Quantity and characteristics of the industrial wastes is difficult to estimate at this stage however, this will be done at a later stage of planning.</p>
Social infrastructure	<ul style="list-style-type: none"> <li>▪ The villages in the vicinity of site have primary and secondary schools.</li> <li>▪ For higher education, various colleges are present in Hoshangabad city (18kms away) &amp; Itarsi (xx).</li> <li>▪ Some villages equipped with Public Health center.</li> <li>▪ Availability of power supply and drinking water facilities viz. hand pumps, open wells and tap water in the site area villages.</li> <li>▪ Transportation medium: Bus</li> </ul>

**Status of Project**

Master plan	Approved by Town & Country Planning Department, Madhya Pradesh.
Water supply	Approval for withdrawal of 5MGD of water from Narmada river has been obtained from District Water Utilization Committee headed by Collector, Hoshangabad district.
Power supply	Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL) has approved 33 KV power supply and internal distribution of 11 KV network from Gujarwada Sub-station.

Private land acquisition	Land acquisition for approach road of 3.3 km length is under process through Hoshangabad Collector. Notification for Section IV has been issued and advance position has been given
Land transfer	Land from State Government has been transferred to MPAKVN, Bhopal for development of industrial area development.

**Industrial Area Master Plan**

S.N	PARTICULARS	AREA		
		Acres	Hectares	Percentage
		1678.73	679.65	100%
1	Total Developable Area	1206.14	488.32	72%
2	Open Space/ Service Area/Roads/Parking	472.59	191.33	28%
Distribution of Developable Land				
A	Industrial area			
a)	Zone F	244.07	98.78	
b)	Zone T	442.55	179.10	
c)	Zone M	141.25	57.16	
d)	Zone MS	74.78	30.26	
A	Total Industrial Land	902.65	366.58	75%
B	LOGISTICS (including warehousing) ZONE	156.09	63.17	13%
C	PSP	28.66	11.60	2%
D	Commercial	37.05	14.99	3%
E	Residential	78.89	31.93	7%
	TOTAL DEVELOPABLE AREA	1206.14	488.13	100%

**Infrastructure Planning**

**Industrial area**

" Industrial area would be developed in 902.65 acres of land i.e over 75% of the land will be used for industrial area development.

**Commercial area**

" Commercial area is proposed to cover 37.05 acres of land.

" Facilities to be developed in the commercial area will include shops, offices, nursing homes, movie theater, Cineplex, hotel, club, guest house, service apartments, social and cultural center, Bank, A.T.Ms etc.

**Residential area**

- Approximately 7% the developed land under Mohasa industrial area has been allocated for residential use.
- Colonies will be developed with 1BHK and 2BHK housing units with 250-400sq.feet per unit respectively.
- To be implemented at a later stage.

**Amenities and facilities**

- Institutional Area, Commercial Area, Hospital, Police Station, Fire Station, Schools, Labour Welfare Centre, Health Centre, Petrol Pump, Community Hall, Police Station and Post Office to cater to the needs of industrial area workers and managers along with residential areas for employees are also planned.

**Horticulture**

- " Landscaping and beautification of all parks & green areas planned.
- " Development of small kiosks (commercial)
- " Routine maintenance of all green & open areas

**Parking**

“ Phased development of surface car and truck parking, adequate provision of lighting & security.

Open space/ service area/ roads/parking

“ Over 28% of the land has been designated for open area development. A 25m of buffer area along the natural drain passing through the site would be maintained.

“ Green belt will be developed along the periphery of the industrial units, along the major roads as well as between residential and industrial area.

ROAD NETWORK		
The industrial site will be connected to the main MPPWD road via an external approach road (3.3km). Four internal roads within the industrial area are also planned.		
S.N	ROAD WIDTH	LENGTH
1.	EXTERNAL APPROACH ROAD	
	45m (ROW)	3300
INTERNAL ROADS		
1.	75m ROW	4180
2	75m ROW	8360
3	30m ROW	5975
4	24m ROW	7040
5	15m ROW	6305
	TOTAL	35160
SOLID WASTE MANAGEMENT		
<p>“ Door to door solid waste collection from industrial plots, commercial areas &amp; kiosks</p> <p>“ Cleaning &amp; sweeping of roads and green / open areas ( 472.59 acres)</p> <p>“ Domestic (Biodegradable) waste will be composted and used as manure.</p> <p>“ The non-biodegradable waste like paper, plastic, glass etc. will be sold to authorized recyclers.</p> <p>“ The hazardous waste from individual units like waste oils, ETP sludges, etc. will be collected and disposed off to the nearest common hazardous waste disposal facility offsite as per Hazardous Waste (Management and Handling) Rules, 1989.</p>		
WATER SUPPLY NETWORK		
<ul style="list-style-type: none"> <li>▪ Sourced from Narmada River (8km away) through a 5MGD capacity intake well/pump house and distributed after treatment in a 23 MLD capacity Water Treatment Plant.</li> <li>▪ Four water supply zones are proposed to meet the demand of the entire industrial area.</li> </ul>		
SEWAGE/ EFFLUENT COLLECTION & TREATMENT		
<p>“ Low cost sanitation system viz. septic tanks and soak pits proposed.</p> <p>“ A Sewage Treatment Plant (STP) is proposed during residential area development, which would be initiated at a later stage. Sewerage system will be divided into six zones.</p> <p>“ Individual Effluent Treatment Plant (ETP) proposed for all processing units within the industrial area. The waste water discharge would be as per CPCB effluent discharge standards and as per principles of zero discharge policy.</p> <p>“ Treated water generated from the individual ETP: Used for horticulture, air conditioning, cooling towers, washing, processing and flushing of toilets.</p>		

STORM WATER DRAINAGE
<p>“ Storm water drainage network on both sides of the road is planned.</p> <p>“ Six internal storm water drains are planned, to channelize the storm water flow into the existing natural drain (nallah) following the slope of the land.</p> <p>“ Channelization and deepening of natural drains is also proposed by construction with RCC M 20 grade concrete, along the entire length of the drain passing centrally through the proposed industrial area.</p>
RAIN WATER HARVESTING SYSTEM
<p>“ Rainwater harvesting structures are planned to collect and reuse the rain water for green area development and also to feed into the sub-soil so as to raise the ground water level.</p>

Environmental Sensitivity

SENSITIVITY	Mohasa Industrial Site
FOREST AREA	NO. The land is undeveloped Government land. Vegetation is limited to some wild outgrowths.
NATIONAL PARK	NO. Ratapani Wildlife Sanctuary : 14.4km Satpura National Park : 23.53km
WATERCOURSES OR OTHER WATER BODIES	Narmada river : 8km away (North of site) Tawa river: 3kms away (South of site) Natural drain : Passing centrally through the site (4.18 km within the site)
STATE OR NATIONAL BOUNDARY	No
DEFENSE INSTALLATIONS	Nil
NEAREST VILLAGE	Mohasa village at a distance of 1km

After deliberation the committee decided to recommend the case for grant of prior EC subject to following special conditions:

- Since Category A & B projects are not the part of the proposed industrial area, hence it should be ensured that these projects are not allowed in the said industrial area without prior EC.
- As the project site is located between confluence point of two rivers (Tawa & Narmada) PP should ensure zero liquid discharge from the industrial area during operational phase.
- As there is provision for common STP, no industry should be allowed to install their individual STP/Septic Tank.
- Space for common ETP has to be earmarked for future use.
- Point regarding sanitation facility for the villages shall be implemented by the PP as committed during public hearing, concurrent with the project implementation.

**19. Case No. – 1728/2013 Mr. D. S. Chaturvedi, Managing Director, M.P. Audyogik Vikas Nigam (Ujjain ) Ltd.( MP AKVN) Nana Kheda Bus Stand Campus , Indore Road - Ujjain - (M.P) - 456010 Env. Consultant : TATA Consulting Engineers Ltd. , Mumbai (M.S.) Vikram Udyogpuri, Ujjain under Delhi-Mumbai Industrial Corridor Development Corporation Limited ( DMICDC) at Village- Narwar, Karchha, Munjakhedi, Gawdi, Piplodhwar, Dawrkadhish, Madhupur Tehsil & District – Ujjain ( M.P.), Built up Area – 4105941 m<sup>2</sup> , Total Area to be Developed Approximately**

– 443.79 Ha , (ToR - 143 SEAC Meeting dt. 29/10/13 - letter No. 43 dt. 26/07/15 EIA Presenttion. Env. Consultant : TATA Consulting Engineers Ltd. , Mumbai (M.S.)

The project pertains to development of Industrial Corridor covered under category B mentioned at SN 7(c) of the schedule of EIA Notification. Hence requires prior EC from SEIAA before commencement of activity. PP and his consultant presented the case before the committee. The EIA report based on the TOR dated 29/10/2013 was forwarded by SEIAA to SEAC for appraisal. Case was presented by the PP and their consultant before the SEAC in the meeting.

It was reported that the project comprises of industries such as auto component, IT/ ITES and Logistics along with public and semi public use viz Institutional Hub. Other land uses are residential, commercial and other supporting infrastructure. Other salient features of the project are as follows:

#### **Background**

- “ Delhi-Mumbai Industrial Corridor (DMIC) is being developed by the GoI as a global manufacturing and investment destination
- “ Development of Vikram Udyogpuri is one of the **Early Bird Projects** for the Pithampur-Dhar-Mhow Investment Region in the State of Madhya Pradesh.
- “ The site for Vikram Udyogpuri is located about 8km from Ujjain and 12km from Dewas ( Aerial Distance)
- “ The land required for the project is approximately 443.79Ha and is already in possession of MPAKVN.
- “ Development of the Vikram Udyogpuri to help create a skilled workforce, essential for the industrial & commercial development envisaged in the DMIC region
- “ Master planning has been carried out to ensure a sustainable environment with the highest standard of live-work-play-learn (work-life balance).

#### **Introduction**

- The Government of India is developing the Delhi-Mumbai Industrial Corridor (DMIC) as a global manufacturing and investment destination.
- A Special Purpose Vehicle (SPV) named the Delhi-Mumbai Industrial Corridor Development Corporation (DMICDC) has been incorporated.
- The objective of the project is Enhancing employment, industrial output and exports from the region, with sectoral objectives of providing quality industrial investments and world-class infrastructure facilities.
- DMICDC has planned to establish a greenfield infrastructure project titled “Vikram Udyogpuri” which will have manufacturing product mix (non polluting industries) along with institutional (Public and Semi Public Land use) and supported by residential and commercial activities.
- Madhya Pradesh (MP) Trade Investment and Facilitation Corporation (MPTRIFAC) and Audyogik Kendra Vikas Nigam (MPAKVN), Ujjain are the Project Proponents
- The land required for the project is approximately 443.79Ha and is about 442Ha is already in possession of MPAKVN.
- Proposed project site has adequate water supply of about 11 MLD from River Kshipra and water will be made available under the Narmada Kshipra Link Scheme
- The 11 MLD water is sanctioned by NVDA
- The construction power requirement would be about 5 MVA which will be taken from Ujjain substation.
- The ultimate power requirement would be about 84 MVA which will be sourced from Dewas substation.

Three alternative sites were studied namely:

- **Site-1 :- Nazarpur**



- **Site -2 :- Tazpur**
- **Site -3 :- Narwar**

**Advantages of Site Selected**

The main advantages of the proposed site at Narwar are :

- Required land is available at the project site and is owned by MPAKVN, Ujjain hence no requirement of Rehabilitation and Resettlement (R&R).
- The site is easily accessible from State Highway-18 at two ends-Western entrance to the Vikram Udyogpuri from the Karchha station is about 2.2 km. While eastern entrance from Piplodha - Dwarkadhish is about 6.5 km.

**Topography and Landform :**

- No major constraint exists with regard to slope analysis as all the portions of the site are between 0% to 5% slopes. From the point of view of visibility of project from Dewas road, southern face of the site is more suitable for locating important built-form.
- Govt. owned land is available with minimum acquisition of privately owned land
- The site is characterized by infertile stony soil with thorny scrub vegetation such as babul and acacia.

**Drainage and Rainwater Harvesting:**

- Terrain has gently sloping patterns with three major valleys.
- Occurrence of natural water discharge channels in the form of gullies which meet into small reservoirs located across various sections along the ridges.

**Project details**

**Site location:** Narwar, Karchha, Munjakhedi, Gawdi, Piplodhwar Dawrkadhish, Madhopur

**Co-ordinates :** As per slide titled “ **Geographical co-ordinates - project site**”

**Accessibility :** Nearest Town ó Ujjain ó 8 km.

: Nearest Railway stationsó Karchcha and Madhopur: about 1km

: Nearest Airport ó Indore ó 42.84 km

**Built –up area :** 41,05,941 m<sup>2</sup>

**Water requirement :** 11 MLD

**Power requirement :** Construction phase : 5 MVA.

Ultimate : 84 MVA

**Project Cost :** Approximate Rs. 808.6 crores

**Type of Development in the project :**

- a) Manufacturing viz., Auto component, IT/ ITES and Logistics
- b) Public and Semi Public Use viz., Institutional Hub.
- c) Residential
- d) Commercial
- e) VU facilities/ utilities viz., Recreational/ Sports and Open space/ Green Buffer
- f) Transportation and Communication
- g) Truck/ Tempo/ Taxi/ Parking Bay

**Landuse Distribution**

Type of land use	Proposed area (acre)	Land use %	Major components*
Industrial (Manufacturing)	448	40.9%	Auto Component Manufacturing, Information Technology and Engineering Services
Public and Semi-Public (PSP)	160.59	14.6%	Engineering Hub, Medical Hub, Industrial Training Institutes Hub, 'Utility Buildings

Recreational	171.91	15.7%	City Green, Recreational Clubs, Open Space etc.
Residential	164	15.0%	HIG, MIG and LIG Housing etc.
Commercial	32.02	2.9%	Retail Space, City Centre etc.
Transportation and Communication	120.11	11.0%	Internal Roads, Bus Stands etc.
Total Area in Acres	1096.63	100%	
Total Area Available for Allocation	768.00	70%	This includes Industrial, Institutional (PSP excluding utilities), Residential, Commercial use

**Environmental Setting**

SN	Particulars	Distance (Aerial) from the project site (kms)
1.	Nearest Highway	Proposed site is about 1.88 km from SH-18 from the western boundary of the project site.
2.	Nearest Railway station	Karchcha and Madhopur railway station are about 1km from the project boundaries.
3.	Nearest Air Port	Indore airport approx 42.84 kms from the western boundary of the project site.
4.	Protected Forest/ Reserve Forest	None
5.	Archaeological Monuments	None
6.	Water bodies (River/ Lake)	Kshipra river 5 kms from the western boundary of the project site
7.	Defence Installations	None
8.	Seismic Zone	III
9.	Nearest National Park	None within 25km radius of the project
10.	Nearest Wildlife Sanctuary	None within 25km radius of the project

**Topography of the site**

- The site has several mounds and equally comparable number of shallow valleys which drain south-westwards ultimately to River Kshipra.
- A small portion of the topography terminates to shallow flat land forming small lakes and ponds .
- Natural contours have been disturbed due to man-made quarries.
- The proposed project area has rocky terrain with varying slope up to 5%.
- Out of about 443.79Ha (1096.63 acre) land, about 85% land parcel is barren and rest is sparse vegetation with scrubs and acacia plants.
- The entire area of VU has infertile stony soil, therefore remains a barren patch of land.

Transportation network

Transportation network consists of the following elements :--

- a) Arterial road (Main Trunk Road)

“ Designed to serve as entrance to township for large-scale traffic volume.

- " Will have a 45m ROW with three lanes in each carriageway along with 2m wide road side landscape median.
- " 5m wide two lanes service roads are proposed on both sides of the arterial roads.
- " Sidewalk/ footpath of 3.5m and 2.5m wide are proposed on both sides of the service roads for the movement of pedestrians
- " In principle, entries to the land parcels along this trunk road will be through 5m wide service road.
- b) Primary roads
- " Designed for medium-scale traffic volumes within the development connecting sector-neighborhood.
- " Primary roads are also a link to the Arterial Road and Secondary Roads.
- " Proposed to have a 30m ROW and will consist of two lanes in each carriageway divided with 2m wide landscape median.
- " These roads will have, 6.5m wide space on either side of road with provisions for footpath and cycle track.
- " Secondary road
- " Proposed to have a 24m and 18m ROW with 2 lane roads with two way movement of traffic
- " The road side landscape and pedestrian footpath and cycle track will measure 4.5m wide and will be located on both sides of the road.
- d) Other facilities
- " Junctions and Intersections
- " Facilities for Non Motorized Vehicles (NMVs)
- " Planning for pedestrian facilities
- " Cycle Tracks
- " Parking facilities
- " Bus Terminal
- " Traffic Management System
- " Commercial Vehicle Parking
- Storm water network system
- a) Introduction
- " Storm water drains planned along the roads.
- " The nearest River is Shipra River, and the site is connected to Shipra River by Narwar Nala. (about 9 Kms south west of the site)
- " The site contours are above the High Flood Level (HFL).
- " Existing site contours are sloping from natural ridges towards south west, down towards Narwar Nala in the south-west.
- b) Natural Storm Water Drainage
- " Management of storm water within the site is planned as far as possible along the natural topography pattern.
- " Minimal changes in the natural drainage are proposed such that number of culverts across the arterial road is minimized and depths of outfalls are feasible for gravity flow.
- Water supply system
- a) Intake and Pump House
- " Intake of about 11 MLD\* is planned near Kshipra river.  
*\*(Total water demand is about 14 MLD. Balance of about 3MLD will be catered from recycled water)*
- " Designed for 22 hours working/ day to keep a margin of 2 hours for power breakdown and preventive/ breakdown maintenance.
- " Necessary power supply arrangement will be made for pump house.
- " Automation will be provided for pump operation.
- b) Raw water transmission

- " Raw water transmission main of about 7-8km length will convey water from intake to first unit of water treatment plant.
- " Diameter of the transmission main : 400 mm
- " Necessary valves and fittings will be provided.
- " Surge analysis is carried out for the transmission main which reveals that air vessel is required to be provided near the pump house on transmission main.
- Water treatment plant
  - " Water treatment plant is proposed of 10 MLD capacities with 22 hours working per day which is to be constructed in two modules of 5 MLD each.
  - " The quality of treated water shall be as per CPHEEO norms.
  - " The automation will be provided for operation of Water treatment Plant.
  - " The area required for WTP is @ 1.5 acre inclusive of clear water pump house and ESR for Zone - 3.
- d) Clear water reservoir and pump house
  - " After the treatment, water will be stored in clear water reservoir with four hours detention time.
  - " The pump house will be located adjacent to this reservoir.
  - " The pumping will be considered with 22 hours working per day.
  - " Separate clear water transmission main will be provided to convey the treated water to ESR 1 and for ESR 2 and 3.
- e) Transmission and Distribution system
  - " Three elevated service reservoirs of Intz type are provided, one for each zone for equitable distribution of water in individual zone.
- Sewerage/ Wastewater network system
  - Planned considering the existing topography and phase wise development
  - Consists of the following elements:
    - a) Wastewater collection system:
      - " Three zones are proposed considering the topography and location.
      - " The collection system will be provided for each zone which will convey wastewater to treatment plant located in respective zone through intermediate pumping station(s) as per the site condition.
    - b) Wastewater pumping system :
      - " About five intermediate wastewater pumping stations proposed.
      - " Submersible non-clog pumps will be provided with automatic operation based on level sensors.
      - " Necessary approach road, compound wall, gate and power supply arrangement will be provided for each pumping station.
      - " The intermediate pumping station will require area of about 200 Sq-m each and will be suitably located in public utility/ green areas.
  - Wastewater treatment plant :
    - " Technology provided will be Sequencing Batch Reactor (SBR)
    - " The separate Wastewater Treatment Plants (total 3 nos.) are considered for each zone .
    - " At each zone the plant will be of 3 to 4 MLD capacity and will be constructed in two modules.
    - " The treated wastewater will be of required standard for recycling suitable for flushing, horticulture etc.
    - " Area requirement is about 1.5 acre at each site.
- d) Recycling of waste water
  - " Distributed in each individual zone by pumping and no ESR will be considered for the system.
  - " Pumping hours will be 8 -12 hours per day.

“ By recycling treated wastewater fresh water requirement will be reduced by about 4 MLD which will help in conservation of precious water.

**Solid Waste Management (SWM) system**

**Quantitative estimation of solid waste generated (Domestic)**

SN	Source of Waste Generation	Population/ Area	Solid waste generation in Kg/day
1	Residential	55510	27755
2	Floating	20220	4044
3	Roads	75730	7573
4	Garden	164 Acre	2456
5	Hospital	500 bed	500*
<b>Total</b>			<b>41,828</b>

**Solid waste categorization**

S. N.	Type of waste	Quantity in ton/ day
1	Biodegradable	20.92
2	Recyclable	12.55
3	Inert/ Miscellaneous	8.37
<b>Total Solid waste</b>		<b>41.83</b>

**Project details**

Sr. No	Land use	Area (Acre)	FAR	Built –up (sq.m)
1.	Residential	164.07	1.25	8,29,953
2.	Commercial	32.02	3	3,88,738
3.	Manufacturing	448		
3.1	Auto Component	410	1	16,59,198
3.2	IT/ ITES	20	3	2,42,810
3.3	Logistics	18	1	72,843
4	Public and Semi ó Public Land use	160.59		
4.1	Institutional Hub	110.0	1.5	667726
5	UKC Utilities / Facilities	50.6	1	204769
5.1	Recreational /Sports etc.	17.2	0.5	34803
5.2	Open Space / Green Buffer etc.	154.71	0	0
6	Transport and Communication	120.11	0	0
6.1	Truck / Tempo/ Taxi / Parking Bay	6.74	0.2	5455
<b>Total Built-up (BU) Area (sq.m)</b>				<b>41,05,941</b>

After deliberation PP was asked to submit response to following points along with supporting documents:

- How zero liquid discharge shall be achieved?
- Plantation scheme incorporating the provision of dense green peripheral belt along with the financial allocation.
- Justification for selecting SBR technology for waste water treatment along with mode of disposal of sludge.

**20. Case No. - 2031/2014 Brigadier (Retd) S.K. Muterja M/s Nepa Limited (A Govt of India undertaking), Nepa Nagar, Distt-Burhanpur, M.P-450221. Revival and Mill Development Plan to produce 46800 TPA printing & writing paper and 36200 TPA Newsprint Paper of Renovation of existing paper machines 1 and 2 and 12.27 MW captive power plant at Village-Nepa Nagar, District-Burhanpur (MP)-**

*ToR issued from MoEF vide letter no. F.No. J-11011/94/2014-IA-II(I) dated 14/08/2014. And Additional TOR issued Letter no. 49 dt. 10/04/2015.*

**For EIA Presentation Env. Consultant-Envirotech East(P)ltd.Kolkata**

The case pertains to Revival and Mill Development Plan to produce 46800 TPA printing & writing paper and 36200 TPA Newsprint Paper of Renovation of existing paper machines 1 and 2 and 12.27 MW captive power plant at Village-Nepa Nagar, District-Burhanpur (MP)- ToR was issued from MoEF vide letter no. F.No. J-11011/94/2014-IA-II(I) dated 14/08/2014 and additional TOR was issued by SEAC vide letter no. 49 dt. 10/04/2015. EIA report submitted by the PP was forwarded by SEIAA to SEAC for appraisal. PP and their consultant presented the salient features of EIA / EMP report before the committee in this meeting.

After deliberation PP was asked to submit response to following points along with supporting documents:

- Comparative statement on the emission load pre- and post RMDP installation.
- Logistic plan for transportation of fly ash, generated by the RMDP.

**21. Case No. - 2588/2015- Mr. Rajesh Talati, Director, M/s Mars Durobuild Pvt. Ltd., 103, Chhota Bangarda, Near National Public School, Teh. & Distt. -Indore-462006 (M.P.) Prior Environment Clearance for proposed residential project "Ahinsa Residency & Villas" of M/s MARS DUROBUILD Pvt. Ltd. & Mr. Mohanlal Khatod S/o Late Shri Ramlal Khadod. at Village-Chhota Bangarda, Teh. & Distt. -Indore (M.P.) Total Plot Area- 56750.00 Sq.mt. (5.675 ha.) Total Land Area in possession – 52502.04 Sq.mt., Total Built up Area- 67368.75 Sq.mt. Building Construction Project. Env. Consultant: Insitu Envirocare, Bhopal (CF from 196<sup>th</sup> meeting dated 02/06/2015)**

The project pertains to development of Residential complex comprising Total Plot Area- 56750.00 Sq.mt. (5.675 ha.) Total Land Area in possession of 52502.04 Sq.mt. and Total Built up Area- 67368.75 Sq.mt. The project is covered as item 8(a) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of activity at site. It was informed by the PP that no activity has been taken up at site so far. PP and their consultant presented the salient features of the project before the committee in this meeting.

Scrutiny of the project revealed following issues which needs clarification from the developer / proponents of the Project:

1. Area statement in respect of LIG and EWS residential units needs further clarification with depiction on lay out plan.
2. In Form 1, increased traffic load due to the proposed project is mentioned only 253 Cars. This is far too less for a colony of 783 units with expected population of around 3500 persons. Details of parking space vis-à-vis number of residential units seem to be inadequate. This has to be further clarified.
3. The PP has submitted a copy of the Notarized agreement between Mars Buildcon and Mohanlal Khatod in respect of EC compliance. However, in the lay out plan there is mention of 02 Khasra Nos. belonging to Tushar Buidcon (P) Ltd., the agreement between Mars Durobuild and Tushar Buildcon in respect of EC compliances should be clarified.
4. It is mentioned in form-1 that out of total land area of 56750 sq.mt. only 52502 m2 is under procession of PP. The land not under procession of PP should be clearly earmarked in the lay out plan and its present status including its ownership needs to be clarified.
5. The total number of DG sets to be installed with capacity has been mentioned differently in Form 1A and the presentation. This needs to be clarified.
6. In water balance details the calculation of water discharge for commercial area has not been accounted for.
7. A detailed plantation scheme along with financial outlay is required.

Committee decided to call the PP for a presentation after receipt of above clarification.

**22. Case no. – 2890/2015- Shri Narendra Sachdeva, Shri Brijmohan Sachdeva R/o Court Road Shivpuri, Madhya Pradesh – 473 660 Granite Mining Project of Lease Area - 4.360 Ha. Capacity – 23008 Cu.mt. /Year Khasra No. 373 Village – Paragarh, Tehsil – Karera, Shivpuri (M.P.)**

This is a case of mining of Granite from a lease area of 4.360 Ha with targeted production capacity of 23008 m<sup>3</sup>/Year. The project site is located at *Khasra No. 373 Village – Paragarh, Tehsil – Karera, Shivpuri (M.P.)* The application was forwarded to SEAC by SEIAA for scoping / appraisal as per the provisions of EIA Notification. PP and his consultant presented the case before the committee in this meeting. After deliberations Committee issued following TOR to carry out EIA / EMP in addition to the TORs prescribed by MoEF & CC:

1. Name of all the minerals with their production capacity to be detailed out in EIA.
2. Mining Plan duly approved by the Mining Department should address all the material proposed to be excavated.
3. Appropriate evacuation plan with details of all the village / forest roads expected to be used have to be addressed including their development and maintenance.

**Discussion on Query Responses and other issues**

- 1. Case No. – 2217/2014 Shri Deep Singh Sengar S/o Shri Heera Singh Sengar, A.B. Road, Near Nehru Petrol Pump, Lashkar, Dist-Gwalior (MP)-474001 Flag Stone Mine**

*Lease Area –4.00 ha., at Khasra No. -300/1,300/2 , Village-Badkagaon, Tehsil-Ghatigaon, District-Gwalior (MP) Capacity -10800 Cum/Year.*

The case was considered in the 186<sup>th</sup> Meeting of SEAC dated 22/7/14 where by PP was asked to furnish following information:

1. Letter of Mining Officer certifying the leases within 500 meters radius around the site.
2. Copy of Khasra Panchshala
3. Management of top soil & rejects.
4. Landuse breakup inside the mining lease.
5. DFO vide letter no. 372 dated 09/04/2007 reported the location of project outside 01 Km periphery of the Son Chiriya Abhyaran. Exact distance of the project from the boundary of the Sanctuary could not be made out from the said letter of the DFO. PP reported the distance to be more than 10 Km. Hence PP was asked to submit the distance duly verified from the concerned DFO.

Above information was submitted by the PP along with the distance of Sanctuary from the project boundary duly verified from concerned DFO.

Based on the submission made by the PP the case was recommended for grant of prio EC subject to the following special conditions in addition to the standard conditions at annexure :-A

1. Production of stone boulder shall be as per the mining plan not exceeding 10800 cum/year.

**2. Case No. – 2219/2014 Smt. Kesar Bai W/o Late Heera Singh, Near Nehru Petrol Pump, A.B. Road, Laxmiganj, Lashkar, Gwalior (MP)-474001** *Flag Stone Mine Lease Area –4.00 ha., at Khasra No. -361, Village-Changora, Tehsil-Ghatigaon, District-Gwalior (MP) Capacity – 10300 Cum/Year.*

The case was considered in the 186<sup>th</sup> Meeting of SEAC dated 22/7/14 where by PP was asked to furnish following information:

1. Letter of Mining Officer certifying the leases within 500 meters radius around the site.
2. Copy of Khasra Panchshala
3. Management of top soil & rejects.
4. Landuse breakup inside the mining lease.
5. DFO vide letter no. 372 dated 09/04/2007 reported the location of project outside 01 Km periphery of the Son Chiriya Abhyaran. Exact distance of the project from the boundary of the Sanctuary could not be made out from the said letter of the DFO. PP reported the distance to be more than 10 Km. Hence PP was asked to submit the distance duly verified from the concerned DFO.

Above information was submitted by the PP along with the distance of Sanctuary from the project boundary duly verified from concerned DFO which is reported to be more than 10 Km.

Based on the submission made by the PP the case was recommended for grant of prio EC subject to the following special conditions in addition to the standard conditions at annexure :-A

1. Production of stone boulder shall be as per the mining plan not exceeding 10300 cum/year.

**3. Case No. – 1450/2013 Mr. Yogendra Singh Yadav, Village-Ajawara, Tehsil-Kolaras, District-Shivpuri, (M.P.) 473770** *E.C. to proposed stone mining (4.00 ha) project at village Kulhadi, Tehsil- Kolaras, District-Shivpuri, (M.P.) Capacity - 10000 Cum/Year.*



The case was considered in the 175<sup>th</sup> SEAC Meeting dated 25/02/15 whereby the PP was asked to submit response to the following queries:

- Scrutiny of the mining plan reveals the presence of certain scheduled animals in the area which needs confirmation from the forest department. The DFO in his letter has not commented on this issue. Hence PP was asked to submit comments of concerned Forest Officer on this issue.
- Conceptual Plan including post-mining measures.
- Written undertaking for a maximum production capacity not exceeding 10000 m<sup>3</sup>/Year and maximum of each of the pits shall not exceeding 6 meters as suggested by the PP.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of stone boulder shall be as per the mining plan not exceeding 10000 *cum/year*.

**4. Case No. – 859/2012 Shri Sanjeet Singh Keer, Keer Farms, Opp, Tapti Mills Road, Lalbagh Burhanpur Dist. Burhanpur, (M.P.)** Rec. 21/01/15 Lease Area- 1.54 ha. Jainabad Metal stone Quarry Production (50,000 cubic meter per year) at Khasra No.- 234, 221/1, 233/2,3 Village Jainabad, Tehsil- Burhanpur, Distt.- Burhanpur (M.P.)

The case was considered in the 181<sup>st</sup> SEAC dated 27/03/15 whereby PP was asked to submit 6

1. The details of expenditures to be incurred for the monitoring and other relevant environmental activities in Environmental Management Plan.

Committed is of the view that the targeted production may not be achieved in view of the size and shape of the lease area hence the production capacity was restricted to 20000 M<sup>3</sup> / Year for environmentally sustainable mining.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of stone boulder shall be as per the mining plan not exceeding 20000 *cum/year*.

**5. Case No.- 2510/2015 Smt. Jyoti Raghuwanshi W/o Shri Rajesh Raghuwanshi, Vill.- Pahasinghpura, Th.- & Distt.-Khargone (M.P.)-451001 Stone Quarry Lease Area - 2.00 ha., Capacity- 5,700 *cum/year* at Vill.-Ibrahimpura, Th.--Gongawan, Dist- Khargone (M.P.)**

The case was considered in the 189<sup>th</sup> meeting of SEAC dated 05/05/15 whereby the PP was asked to submit response to the following queries:.

- Scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue. Hence PP was asked to obtain a clarification on this issue from concerned forest officer and submit the same at the earliest.
- EMP cost appears on lower side hence to be enhanced and submitted activity-wise budget for EMP.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of stone boulder shall be as per the mining plan not exceeding 5700 cum/year.

**6. Case No.- 2539/2015 Shri Manoj Joshi S/o Shri Ramesh Chandra Joshi, 68, Jamindar Colony, Town & Dist-Khargone (M.P.)- 451001 Mominpura Stone Quarry Lease Area - 1.384 ha., Capacity- 5,700 cum/year at Khasra no.- 07, Vill.-Khargone, Th.--Khargone, Dist-Khargone (M.P.)**

The case was considered in the 190<sup>th</sup> SEAC meeting dated 06/05/15 whereby the Pp was asked to submit response top the following queries:

- Scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue. Hence PP was asked to obtain a clarification on this issue from concerned forest officer and submit the same at the earliest.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of stone boulder shall be as per the mining plan not exceeding 5700 cum/year.

**7. Case No. – 1955/2014 Shri Sakha Ram Yadav S/o Shri Narayan Yadav, Village-Chandel, Tehsil-Punasa, District-Khandwa (MP)-450112 Stone (Gitti) Quarry Lease Area – 2.00 ha. at Village-Chandel, Tehsil-Punasa, District-Khandwa (MP). Proposed production cap. 15000 m<sup>3</sup> / Year.**

The case was considered in the 162<sup>th</sup> meeting of SEAC dated 23/12/15, after deliberations the PP was asked to submit response to the following queries:

- Letter from concerned Mining Officer certifying the total mining leases and the cumulative lease area with 500 meter radius around this mine.
- Detailed conceptual plan including the post mining conceptual.
- Water demand to be rechecked and submitted along with the source and permission from the competent authority.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of stone boulder shall be as per the mining plan not exceeding 15000 cum/year.

**8. Case No. - 2441/15 Smt. Meera Shivhare W/o Shri Mangilal Shivhare, Vill.-Raipura, Th.- & Distt.-Sheopur (M.P.)-476337 Soil Quarry Lease Area - 1.379 ha., Capacity-3,931 cum/year) at Vill.-Raipura, Th.--Sheopur, Dist-Sheopur (M.P.)**

The case was considered in the 189<sup>th</sup> meeting of SEAC dated 05/05/15, whereby the PP was asked to submit response to the following -

Scrutiny of the Mining Plan reveal discrepancy in the topography of the area presented in the meeting and that mentioned in the Mining Plan. Hence PP was asked to submit the factual data duly approved by the Mining Department.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 3931 *cum/year*.

**9. Case No. – 1989/2014 Shri Prakash Barfa S/o Shri Hiralal Barfa, Village-Rajgarh, Tehsil-Sardarpur, District-Dhar (MP) Basalt Stone Quarry Lease Area – 3.00 ha., at Khasra No. -563/1, Village-Kanjrota, Tehsil-Sardarpur, District-Dhar (MP) Capacity – 19950 Cubic mt./Year.**

The case was considered in the 164<sup>th</sup> meeting of SEAC dated 07/01/15 whereby the scrutiny of the mining plan revealed the presence of certain scheduled animals in the area which needs confirmation from the forest department. The DFO in his letter has not commented on this issue. Hence, PP was asked to obtain comments of concerned DFO on this issue and submit.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 19950 *cum/year*.

**10. Case No. – 2303/2014 Naval Kishore Vishwakarma, Nighari, Tehsil – Chandiya, Distt. Umariya (MP) (M-9229228268) Basalt Stone Quarry Lease Area – 2.00 ha., at Khasra No.-14, Lease Period Ten Year at Village-Karounda, Tehsil ó Chandiya, Distt. Umariya (MP), Capacity ó 14250 Cum/Year. Application forwarded by SEAC by SEIAA vide letter no. 2815/SEIAA/14 dated: 27/12/2014**

The case was considered in the 178<sup>th</sup> meeting of SEAC dated 24/3/15 where by the scrutiny of the mining plan reveals the presence of certain scheduled animals in the area which needs confirmation from the forest department. The DFO in his letter has not commented on this issue. Hence PP was asked to submit comments of concerned Forest Officer on this issue.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 14250 *cum/year*.

**11. Case no. 911/2012 - Existing Mining of Stone. Lease area 0.60 ha. Khasra No. 431, 432, 433, in village Rangoli, Tehsil &, Dist. Sagar (M. P.)**

The case recommended for rejection in 169<sup>th</sup> SEAC Meeting and finally was rejected in 199<sup>th</sup> meeting of SEIAA. Later, PP submitted the mandatory information vide letter dated 27/04/2015. The papers may be forwarded to SEIAA as the case file is with SEIAA.

**12. Case No. – 2328/2014** Shri Mahendra Kumar Garg, Res.Jabalpur Naka, Damoh, Distt. -Damoh (M.P.)-470661 (M-9425487559) *Ganiyari Stone Quarry Lease Area – 4.00 ha., at Khasra No.-1699 Lease Period Ten Year at Village- Ganiyari, Teh-Pawai, Distt-Pannar(M.P)*, Capacity 6 20580 Cu.mt./Year.

The case was considered in the 179<sup>th</sup> SEAC Meeting dated 25/03/15 whereby the PP was asked to submitted:

- Copy of Khasra Paanchsala.
- Letter from Mining Officer certifying the total leases and lease area with in 500 meters around the proposed mine.
- Scrutiny of the mining plan reveals the presence of certain scheduled animals in the area which needs confirmation from the forest department. The DFO in his letter has not commented on this issue. Hence PP was asked to submit comments of concerned Forest Officer on this issue.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 20580 cum/year.

**13. Case No. 2109/2014 - Shri Sushil Sonkeshariya S/o Shri Nokhe Sonkeshariya, Bheroganj, District-Seoni (MP)-480882 Metal Stone Quarry Lease Area – 1.00 ha., at Khasra No.- 89, Village-Malee, Tehsil-Seoni, District-Seoni (MP) ,Capacity –23750 Cubic mt./Year.**

The case was considered in the 169<sup>th</sup> meeting of SEAC dated 27/01/15 whereby the scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue. Hence PP was asked to obtain a clarification on this issue from concerned forest officer and submit the same at the earliest.

PP submitted a copy of Letter from DFO submitted (vide 1434 dt 01/06/2015) stating that there is no wild life in the proposed site.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure Aø

1. Production of stone boulder shall be as per the mining plan not exceeding 23750 cum/year.

**14. Case No. 881/2012 and 880/2012- M/s Laxmi Gour Marble (P) Ltd. At Village Chhapra, Bohriband District Katni**

TOR was issued for these projects to carry out EIA. PP has requested that being mining of Marble (minor mineral) the cases may be considered as B-2 in view of the MoEF O.M dated 24/12/2013. Committee did not accept the request thus, PP shall submit EIA report as per the TOR issued.

**15. Case No. - 669/2012** Sh. Pawan Kumar Ahluwalia, M.D. , M/s K.J. S. Cement Ltd., N.H.-7, Village- Amiliya, Lakhwar Tehsil - Maihar, Distt. - Satna(M.P.) *Bhatia Limestone Mine at Khasra No 1014, 1015, 1029, 1031, etc. Village – Bhatiya, Tehsil – Maihar, Distt.- Satna (M.P.) Capacity - 5.0 lacs TPA, Lease Area - 45.888 ha.*

SEIAA referred the case back to SEAC through its 184<sup>th</sup> Meeting dt. 26/02/15 for comment regarding Public Hearing issues. SEIAA has pointed out that adverse comments on safety of nearby habitation and school have been recorded in the PH and asked SEAC to comment specifically on the same.

The matter was placed before the committee and it was observed that the case was considered in 167<sup>th</sup> meeting of SEAC where the PH issues were dealt in detail. The issue regarding safe distance of habitation and school from the project site was raised by one of the residents was discussed; it was observed by the committee that the PP in presence of Local administration and MPPCB representative has responded that the said mine is about 300 meters & no damages to people & their property has been reported by this mine. Committee is of the view that as most of the affected residents are being benefited by the project and also local administration has not commented on the adverse issue raised in the public hearing, the case may be considered for grant of prior EC with an additional condition ó

- Pre-determined & safe blasting shall be carried out in presence of experts.

PP has already submitted the details & commitment for the same vide letter dated 24/04/15 forwarded by SEIAA vide letter dated 14/05/15. The case therefore may be forwarded to SEIAA.

**16. Case No. - 670/2012** - Sh. Pawan Kumar Ahluwalia, M.D. , M/s K.J. S. Cement Ltd., N.H.-7, Village- Amiliya, Lakhwar Tehsil - Maihar, Distt. - Satna(M.P.) *Barahia Limestone Mine at Khasra No. 229 - 250, 344-359, 364-380, 411, etc Village – Barahia, Tehsil – Maihar, Distt.- Satna (M.P.) Capacity- 30,000 TPA , Lease Area – 7.102 ha.*

SEIAA referred the case back to SEAC through its 184<sup>th</sup> Meeting dated 26/02/15 for comment regarding Public Hearing issues. SEIAA has pointed out that adverse comments on safety of nearby habitation and school have been recorded in the PH and asked SEAC to comment specifically on the same.

The matter was placed before the committee and it was observed that the case was considered in 167<sup>th</sup> meeting of SEAC where the PH issues were dealt in detail. Numerous objections have been raised which have been responded by the PP local administration has not commented on the adverse issue raised in the public hearing. It is noteworthy to state that this mine about 50 meters from the other mine mentioned as case no. 669/12 hence all observations made are applicable to this project also.

**17. Case No. - 2253/2015** - Shri Shailendra Parihar S/o Shri Devendra Parihar, 78, Jawahar Nagar, Neemuch (MP)-458441 *Alhed Stone Quarry Lease Area –0.94ha., at Khasra No. – 848/1, Village-Alhed, Tehsil-Manasa, District-Neemuch (MP) Capacity- 6000 Cu.mt./Year,*

Recommended by SEAC in its 175<sup>th</sup> Meeting dated 25.02.15, 158/01.06.15, 194<sup>th</sup> SEIAA meeting dt. 17.04.15,01.06.15

The cumulative area including the area of this mine is 25.813 hence in view of cluster of more than 25 Ha EIA has to be carried out as per the MoEF OM J-13012/12/2013-iA-II(I) dtd. 24.12.2013.

**Cat. B1 Project**

Standard TOR to be issued.

Meeting ended with thanks to the Chair and the Members.

[Dr. R.B. Lal, Chairman]

[ K.P. Nyati, Member]

[Manohar K. Joshi, Member]

[Dr. Alok Mittal, Member]

[ Dr. M.P. Singh, Member]

[Dr. U.R. Singh, Member]

[Dr. Mohini Saxena, Member]

[A.A. Mishra, Secretary]

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**Annexure- 'B'**

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. No in-stream mining shall be allowed.
11. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the Gram Panchayat.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.