

The 223rd meeting of the State Expert Appraisal Committee (SEAC) was held on 15/09/2015 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. Dr. M. Pradhan, member
3. Shri A. P. Shrivastava, Member
4. Dr. U.R. Singh, Member
5. Dr. M.P. Singh, Member
6. Dr. Alok Mittal, Member

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

Discussion of Query Responses submitted by PP and matters referred back by SEIAA:

1. **Case No. 2631/2015 Shri Maan Singh S/o Shri Ratan Singh, Village-Elahi, Post-Asmat, Tehsil-Ashta, Sehore (M.P.)-466113 Basalt Stone Quarry Lease Area – 1.00 ha., Capacity - 6,840 cum/year, at Khasra No. 239/3 Village-Pipaliya Raidas, Tehsil-Ashta, District-Sehore (MP). Application forwarded by SEAC by SEIAA vide letter no. 3426/SEIAA/15 dated: 30/3/2015.**

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. 239/3 Village-Pipaliya Raidas, Tehsil-Ashta, District-Sehore(MP) 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. 1029 dated 16/4/2015, that no mines are operating / proposed within 500 meter radius around the said no mine

This case was discussed in the 201st. SEAC meeting dated 01/07/15 wherein PP was asked to submit revised mining plan with provision of 7.5 meter broad barrier zone around the lease area.

Scrutiny of the case reveals that the PP has submitted the desired information surface plan duly approved by mining department. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 6,840 m³/Year as per mine plan.
2. **Case No. -2461/2015 Shri Gopal Singh S/o Shri Jai Singh, Town-Khalghat, Th.--Dharampuri, Dist-Dhar (M.P.) -454331 Chilhalda River Sand Quarry Lease Area- 7.433 ha., at Vill.-Chilhalda, Th.-Kukshi, Dist-Dhar (M.P.) Capacity - 82320 Cum/Year.**

This is a case of mining of river sand. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Vill.-Chilhalda, Th.-Kukshi, Dist-Dhar (M.P.)*, in 7.433 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. Concerned Mining Officer vide letter no. 307 dated 23/02/2015 has reported that there is no mine operating or proposed within 1000 meters around the said mine.

This case was discussed in the 192th. SEAC meeting dated 08/05/15 wherein it was observed that the Google image presented by the PP revealed dense vegetation in the lease area with very scarce sand. Although PP reported that the allotted lease is devoid of vegetation. After deliberations PP was asked to clarify the matter through Mining Department or submit revised Mining Plan considering the protection of vegetation in the lease area.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised EMP addressing the above issue. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 82,320 m³/Year as per mine plan.

- 3. Case No.- 2885/2015 Mr. Prashant Singhai, M/s Singhai Infra Projects, G-3, 4, Sanyukt Suresh Vihar, Chuna Bhatti, Bhopal (MP)-462016 Prior Environment Clearance for approval of proposed Residential Project "Godavari Heights" at Khasra No. – 83/1, 87-249/87 & 88, Village-DamkhedaKolar Road, Tehsil-Huzur, District-Bhopal (MP) Total Area of Project – 14320.00 Sqm., Total Built up area of Project- 25177.58 sqm.**

It is a case of Prior Environment Clearance for approval of proposed Residential Project "Godavari Heights" at Khasra No. 83/1, 87-249/87 & 88, Village-DamkhedaKolar Road, Tehsil-Huzur, District-Bhopal (MP) Total Area of Project 14320.00 Sqm., Total Built up area of Project- 25177.58 sqm.

AREA DETAILS

The proposed multi unit residential buildings/ commercial units project is planned in land measuring 14320.00 Sq. M. (1.432 Hect.) at Village Dhamkheda, Tehsil Huzur Bhopal, M P.

S.NO.	KHASRA NO.	AREA IN HECT.	OWNER
1.	83/1	0.267	TARABAI PARIHAR W/O BABOO SINGH
2.	87-249/87	0.376	BABOO SINGH PARIHAR S/O GOPAL SINGH
3.	88	0.789	TARABAI PARIHAR W/O BABOO SINGH
4.	TOTAL	1.432 HECT.	

AREA STATEMENT

Total Plot Area	14320.00 Sqm
Proposed Ground Coverage	3939.81 Sqm(27.51% on Net Plot Area)
Floor Area Ratio	
Residential Area(1:1.25)	21071.10 Sqm
Commercial Area	523.68 Sqm

Total Area included in F. A. R.	221595.78 Sqm
<u>Area Not Included in F. A. R.</u>	
E.W.S.	579.95 Sqm
L.I.G.	613.33 Sqm
Stilt Parking	3606.22 Sqm
Club House	191.28 Sqm
Total Area Not included in F. A. R.	4990.78 Sqm
Area of Green Open & Circulation	10380.19 Sqm(72.48%)
Green Area(Park)	1376.40 Sqm(10.69%)
No. of Tower	The Proposed Project has 8 Residential Towers & 1 Commercial Unit
Maximum Height	Residential Blocks- Stilt(2.40M)+18.00M Commercial Block-Ground+1(8.00M)
Dwelling Units	
Residential Blocks	216 Nos.
EWS	19 Nos.
LIG	13 Nos.
Parking facilities	Required : 139 ECS Provided : 139 ECS (Stilt – 124 ECS and open – 25 ECS)

WATER DETAIL FOR PROPOSED PROJECT

Source of Water Supply

The main source of water supply will be Municipal water supply. It will cater the domestic requirement whereas additional water requirement will be fulfilled by treated water from STP.

In construction phase we will take water supply from the private tanker suppliers

Water (expected source & competing users) unit: KLD	Water/Waste Details
Domestic Water Requirement	142.76 KLD
Flushing water Requirement	26.31 KLD
Horticulture/Land Scape	2.75 KLD
DG Set Cooling	0.2 KLD
Total Water Requirement	172.02 KLD
Waste Water	137.61 KLD
STP Capacity	150 KLD
Used treated water	30.95 KLD

Particulars	Population	Fresh Water KLD (@90 LPCD)	Flushing Water (@45 LPCD)	Total Domestic Water (KLD)
Residential -216 Units	1080	97.20	48.60	145.80
EWS – 19 Units	95	8.55	4.27	12.82
LIG-13 Units	65	5.85	2.92	8.77
		Fresh Water KLD (@20 LPCD)	Flushing Water (@20 LPCD)	
Commercial area	40	0.80	0.80	1.60
Maintenance Staff	10	0.20	0.20	0.40
Total domestic water demand		112.60	56.79	169.39
Horticulture (1376.40 sqm)@ 2 lts/ sqm				2.75

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DG set cooling (30 KVA) @ 0.9 lts / KVA/hrs	0.2
Total water requirement	172.34
Say	172 KLD

S.NO.	ITEM DESCRIPTION	TOTAL WATER REQUIREMENT (KL)	PERCENTAGE OF WATER TO STP @ 85% FOR DOMESTIC & 100% FOR FLUSHING	TOTAL WATER REQUIREMENT (KL)
A	Domestic water			
1	Apartments	97.20	0.85	82.62
2	E.W.S.	8.55	0.85	7.26
3	L.I.G.	5.85	0.85	4.97
4	Commercial Area	0.80	0.85	0.68
5	Maintenance Staff	0.20	0.85	0.17
	Sub Total of A			95.70
B	Flushing water			
1	Apartments	48.60	0.85	41.31
2	E.W.S.	4.27	0.85	3.63
3	L.I.G.	2.92	0.85	2.48
4	Commercial Area	0.80	0.85	0.68
5	Maintenance Staff	0.25	0.85	0.21
	Sub Total of B			48.31
	Total Waste Water (A+B)			144.01
	Say Capacity of STP			144 KLD
	Proposed			175 KLD

Total daily water Requirement	172 KLD
Treated Effluent from STP @ 90% of STP Capacity	154.80 KLD
Fresh Water requirement from Municipal Water	112.60 KLD

SOLID WASTE CALCULATION

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit		Total Waste Generated (TPD)
Residential	0.5	Kg/Capita/Day	CPCB	1240	Persons	0.62
Garden & Open Space	0.0037	Kg/Sq. M./Day	Discussion With Horticulturist	1376.40	Sq.M.	0.005

STP Sludge	0.33	Kg/MLD of Waste water Treated	Manual for Sewerage and Sewage treatment by CPHEEO	0.155	MLD	0.05
Waste Oil	100	Litres/MW/Year	Assuming one maintenance per Year	2.3669	MW	236.68 Ltr
Total Waste Generated (TPD)						0.675
Total Biodegradable 55% of total (TPD)						0.371
Total Non-Biodegradable 45% of total (TPD)						0.304

LANDSCAPE DETAIL :

Open Area	1376.40 Sq.M.
Total no. of trees on the periphery of the site	110 Nos.

Description	Capital Cost (Lakhs) INR	Running Cost (Lakhs/Year) INR
Biological		
Total 110 Plants @800	0.88	0.22
For Gardening & other Landscaping area development	2.00	0.50
Total	2.88	0.72

This case was discussed in the 209th. SEAC meeting dated 24/07/15 wherein after deliberations PP was asked to submit response for the following:

1. In form 1 DG set with capacity of 65 kVA has been proposed whereas, the same has been presented as 2X15 kVA in the presentation made at SEAC; the issue may be clarified.
2. Solid waste generation from the project including the generation from the commercial area has to be revised and submitted.
3. MSW storage area to be demarked on the lay-out with storage capacity of MSW for two days.
4. Cost of EMP appears to be on lower side hence the same has to be enhanced giving activity-wise break-up of the actual costs.
5. Funds required for execution of the activities under EMP such as running and maintenance of the STP, green area development etc. have to be generated from the project the details of corpus-fund or other options in this regard to be furnished.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 112.60 KLD.
2. The excess treated water will be use for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tree plants of large canopy. Green area at the site will be maintained by the project proponents, which would have an overall cooling effect on the surroundings
4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Installation of solar photovoltaic cells for street lighting system should be provided.
8. Corpus-fund should be exclusively used for the EMP.
9. MSW storage area should have 48 hours storage capacity.
10. PP will obtain other necessary clearances/NOC.
11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

- 4. Case No. –2588/2015- Mr. Rajesh Talati, Director, M/s Mars Durobuild Pvt. Ltd., 103, ChhotaBangarda, 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. MohanlalKhatod S/o Late Shri RamlalKhadod. at Village-ChhotaBangarda, 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: InsituEnvirocare, Bhopal.**
(CF from 196th 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 6 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.

The case was presented in 204th. Meeting of SEAC dated 04/07/15 wherein following issues which needs clarification from the developer / proponents of the Project were raised and Committee decided to call the PP for a presentation after receipt of these clarifications:

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 MohanlalKhatod in respect of EC compliance. However, in the lay out plan there is mention of 02 Khasra Nos. belonging to TusharBuidcon (P) Ltd., the agreement between Mars Durobuild and TusharBuildcon 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 proccession of PP. The land not under proccession 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.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. Committee decided that since PP has submitted the reply they may be called for the presentation on above quarries as decided in the 204th meeting of SEAC dated 04/07/15.

5. Case No. 1021/2012 Shri Om Prakash Rai, katni Road, District - Satna (M.P.) – 485771 .Pahai (No. -2) Lime Stone Mine at Khasra No. – 1161, 1162, 1163/1,2, 1164, 1165, 1166, 1167, 1168, 1281/1,2 Village- Pahari, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 8.094 Ha., Proposed production capacity 1,000,00 TPA (Limestone - 65,000 TPA and Reject Stone -35,000 TPA).

This is a case of mining of Limestone & reject stones. TOR was issued by SEAC to carry out EIA and prepare EMP by SEAC vide letter dated 11/03/2013 .The EIA based on the TOR was forwarded to SEAC for appraisal and necessary recommendations. Mining is proposed at Khasra No. – 1161, 1162, 1163/1,2, 1164, 1165, 1166, 1167, 1168, 1281/1,2 Village- Pahari, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 8.094 Ha..

The mining lease was initially sanctioned to Shri Chhatrapal Rai for 20 years period w.e.f 13.9.1979 to 12.09.99 over an area of 8.094 ha. The ML area was substituted in favour of Shri Om Prakash Rai, the legal heir after death of Sri Chhatrapal Rai. This is a proposal for renewal of mining lease. The lessee has applied for renewal of Mining Lease.

The project is categorized as category -BØ project under 1(a) activity of EIA Notification in view of mining project of area less than 50 ha. The draft EIA-EMP is prepared as per the TOR granted vide letter No. **274/PS-MS/MPPCB/SEAC/TOR (116)/2013 dated 11.03.2013** by the State Level Expert Appraisal Committee, Bhopal.

PROJECT DESCRIPTION

Location: The mining lease area is located in Village: Pahari, Tehsil: Maihar District: Satna, Madhya Pradesh. The mining lease area falls in Survey of India Toposheet No 63 D/15.

Area & production:

The total ML area is 8.094 Ha. This is a case of renewal of mining lease with proposed production of 1,000,00 TPA (Limestone - 65,000 TPA and Reject Stone - 35,000 TPA). Estimated cost of the project is Rs. 1 Crores.

Salient Features of Project

Name of the applicant	Om Prakash Rai
Address of POA Holder	Om Prakash Rai Katni Road P.O.-Maihar Distt- Satna (M.P.), Pin- 485 771 Ph - (07674) 232094 Email id. - raico34@yahoo.com
Name of Mine	Pahari No.2 Limestone Mine
Village	Pahari
Tehsil	Maihar
District & State	Satna, Madhya Pradesh
Latitude	24° 15'40.9"N to 24°15'53.5" N
Longitude	80° 49 '22.5" E to 80°49'33.6" E
Toposheet Number	63 D/15
Number of Leases held by the lessee	Seven
Mineral	Limestone & Reject Stone
Area (ha)	8.094 Ha
Postal Address	Om Prakash Rai Katni Road P.O.-Maihar Distt- Satna (M.P.), Pin- 485771
Period of Lease	20 Years

Basic Requirements for the Project

S. No.	Requirements	Quantity	Source
1	Land	8.094 Ha.	It is an Existing mine
2	Water	15 KLD	Ground water from dug wells/ tube wells.
3	Manpower	50	From nearby villages

Details of Mining

Method of mining	Opencast other than fully mechanized mining
Bench Height and Width	Height:6m Width:6-10m
Ultimate pit depth	14 m
Mineable Reserve	4,31,774 Tonnes
Life of the Mine	15 Years
Ground water depth	30-35m bgl

Land Use Pattern

S.NO	LAND USE	Present land use(ha)	Proposal Period End (ha)	Mine Life End (ha)
1	Total area excavated (broken)	1.12	2.4433	(7.35)
2	Area fully mined out (out of 1)	-	-	(7.35)
3	Area fully reclaimed (Backfilled out of 2)	-	-	(2.0)
4	Area rehabilitated out of 3 by	-	-	2.0

	afforestation			
5	Area rehabilitated by water harvesting	-	-	5.35
6	Total area under dumps	0.25	0.25	-
7	Area under active dumps	-	-	-
8	Area under mineral stack	-	0.50	-
9	Area under Road	0.05	0.50	-
10	Area under Green belt	0.05	0.10	0.744
	TOTAL	8.094	8.094	8.094

Salient features of the project with EIA and EMP were presented by the PP and his consultant before the committee in 196th. SEAC meeting dated 02/06/15. The scrutiny of the EMP revealed that the same is general and not project specific. Hence PP was asked to submit project specific EMP with special reference to the following:

- Detailed plantation scheme depicted on the lay-out map of lease area. Plants preferably the local species proposed to be planted with budget has to be furnished.
- Year-wise production figures from prior to 1994 till the last production taken from the mine duly validated from the Mining department to be furnished.
- Activity-wise water requirement in the project with source.
- CSR budget to be revised with activity-wise allocation.
- EMP should also include the construction / repair of the service roads with budget reserved for the same.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. Garland drain and check-dams shall be constructed all around the dumps to prevent and flow from the mining site.

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. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Production shall be as per the mining plan not exceeding **1,000,00 TPA (Limestone - 65,000 TPA and Reject Stone -35,000 TPA)**.
8. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
9. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. 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.

6. Case No.-2516/2015Shri Anup Tiwari S/o Shri Shyam Sunder Tiwari, Guard Line, Damoh (M.P.)-470772Stone Boulder Mine Lease Area - 2.250 ha., Capacity- 27,470 cum/year at Vill.-Jujharpura, Th.--Bakswaha, Dist-Chhatarpur (M.P.).

This is a case of mining of *Basalt Stone Quarry*. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located Vill.-Jujharpura, Th.--Bakswaha, Dist-Chhatarpur(M.P.) in **2.250 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 and Range Officer. Concerned Mining Officer vide letter no. 1646 dated: 23/12/2014 has

reported that there are 09 more mines operating or proposed within 500 meters around the said mine and the total lease area is 13.712 Ha.

The case was presented in 207th. Meeting of SEAC dated 22/07/15 wherein it was observed that the certificate regarding information on forest has been issued by the Range Officer; the same has to be endorsed by the concerned DFO and submitted along with the production schedule for the left out lease period.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 27,470 m³/Year as per mine plan.

7. Case No. – 1020/2012Shri Om Prakash Rai, Katni Road, District Satna (M.P.) – 485771 .Nandan (Shiva Prasad) Lime Stone Mine at Khasra No. – 49,55 P, 56 P, 88, 89, 90, 92, 93, 94, 114 & 118 P Village- Nandan, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 8.09 Ha., Lease Period – 20 Year. Proposed production capacity 1,000,00 TPA (Limestone - 65,000 TPA and Reject Stone -35,000 TPA).

This is a case of mining of Limestone. TOR was issued by SEAC to carry out EIA and prepare EMP by SEAC vide letter dated 11/03/2013. The EIA based on the TOR was forwarded to SEAC for appraisal and necessary recommendations. Salient features of the project with EIA and EMP were presented by the PP and his consultant before the committee in this meeting. Mining is proposed at Khasra No. – 49,55 P, 56 P, 88, 89, 90, 92, 93, 94, 114 & 118 P Village- Nandan, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 8.09 Ha..

The Mine lease was granted in favor of Om Prakash Rai for a period of 20 years w.e.f. 09.11.82 to 08.11.2002 over an area of 8.094 Ha. The lessee applied for renewal of mining lease for further 20 years period. The Mining Lease has been renewed over the earlier held area of 8.094 Ha for further 20 years w.e.f. 09-11-2002 to 08.11.2022.

The project is categorized as category -Bø project under 1(a) activity of EIA Notification in view of mining project of area less than 50 ha. The draft EIA-EMP is prepared as per the TOR granted vide letter No. 272/PS-MS/MPPCB/SEAC/TOR (116)/2013 dated 11-03-13 by the State Level Expert Appraisal Committee, Bhopal.

PROJECT DESCRIPTION

Location: The mining lease area is in village Nadan (Shiva Prasad), Tehsil Maihar, District Satna. The mining lease area falls in Survey of India Toposheet No. 63 D/15.

Salient Features of Project

Name of the applicant	Om Prakash Rai
Address of POA Holder	Om Prakash Rai Katni Road P.O.-Maihar Distt- Satna (M.P.), Pin- 485 771 Ph - (07674) 232094 Email id. - raico34@yahoo.com
Name of Mine	Nadan (Shiva Prasad) Limestone Mine
Village	Nadan (Shiva Prasad)
Tehsil	Maihar
District & State	Satna, Madhya Pradesh
Latitude	24°15'45.6ö to 24°15'56.4ö North
Longitude	80°54'15.1ö to 80°54'32.8ö East
Toposheet Number	63 D/15
Number of Leases held by the lessee	Seven
Mineral	Limestone & Reject Stone
Area (ha)	8.094 Ha
Postal Address	Om Prakash Rai Katni Road P.O.-Maihar Distt- Satna (M.P.), Pin- 485771
Period of Lease	20 Years

Basic requirements for the project

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S. No.	Requirements	Quantity	Source
1	Land	8.094 Ha.	It's a Existing mine
2	Water	13 KLD	Ground water from Dug Wells/ Bore Well existing within the ML area and mine sump.
3	Manpower	42	From nearby villages

Details of mining

Method of mining	Opencast other than fully mechanized mining
Bench Height and Width	Height:6m Width:6m
Ultimate pit depth	8 m
Mineable Reserve	9,41,046 tones
Life of the Mine	16 Years
Ground water depth	310 m to 315 m RL (25 m to 30 m BGL)

Land Use Pattern

S.NO	LAND USE	Present land use(ha)	Proposal Period End (ha)	Mine Life End (ha)
1	Total area excavated (broken)	0.75	2.16	(6.76)
2	Area fully mined out (out of 1)	-	-	(6.76)
3	Area fully reclaimed (Backfilled out of 2)	-	-	(1.50)
4	Area rehabilitated out of 3 by afforestation	-	-	1.50

5	Area rehabilitated by water harvesting	-	-	5.26
6	Total area under dumps	0.25	0.47	-
7	Area under active dumps	-	0.47	-
8	Area under mineral stack	-	0.50	-
9	Area under Road	0.10	0.10	-
10	Area under Green belt	0.10	0.395	1.334
11	Undisturbed area	6.894	3.999	-
	TOTAL	8.094	8.094	8.094

This case earlier was placed before the committee in 196th SEAC meeting dated 02/06/15 and after deliberations PP was asked to submit response for the following points:

- a. Year-wise production figures prior to 1994 till the last production from the mine duly validated from the Mining department.
- b. CSR budget to be revised as suggested by the committee with activity-wise allocation.
- c. Detailed plantation scheme depicted on the lay-out map of lease area. Plants preferably the local species proposed to be planted with budget has to be furnished.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. Garland drain and check-dams shall be constructed all around the dumps to prevent and flow from the mining site.
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. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Production shall be as per the mining plan not exceeding 1,00,000 TPA (Limestone - 65,000 TPA and Reject Stone -35,000 TPA).
8. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
9. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. 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.

8. Case No. – 2403/2015 Shri Prabhat Kumar Pathak, M/s DilipBuildcon Ltd., Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Stone & Murum Quarry in an area of 4.00 ha. at Village-Pathara, Tehsil-Jatara, District-Tikamgarh Proposed Capacity – 1.0 Lac cubic meter per year.

This is a case of mining of Stone & Murum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village- Pathara, Tehsil-Jatara, District-Tikamgarh (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan and requisite information in the prescribed format duly verified by the DFO.

Presentation & submissions made by the PP were discussed in the 181st. SEAC meeting dated 27/03/15. However, scrutiny of the project documents revealed that PP has not furnished the letter from Mining Officer certifying the leases within 500

meters radius around the site and khasrapanchshala. Thus PP was asked to submit the letter from:-

1. Mining Officer certifying the leases within 500 meters radius around the site.
2. Khasrapanchshala.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of MO stating one more mine within 500 meters and total area including this mine is 7.00 ha. & copy of Khasra Panchshala. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 1,00,000 m³/Year as per mine plan.

9. Case No. 2698/15 Smt. Pooja Rajput W/o Shri Manoj Rajput, Station Road, Old R.M.S. Office, Ward No. 5, Chhindwara (M.P.)-480001. Merai Metal Stone Quarry Lease Area- 1.00 ha., Capacity - 5,700 cum/year, at Village-Marai, Tehsil-Chhindwara, District- Chhindwara (M.P.).

This is a case of mining of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Marai, Tehsil-Chhindwara, District- Chhindwara 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 2898 dated: 12/12/2014 has reported that there is no mine operating or proposed within 500 meters around the said mine.

The case was presented in the 197th SEAC meeting dated 03/07/15 and Submissions made by the PP were found to be satisfactory and acceptable except the presence of scheduled animals in the Mining Plan 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. If DFO issues

satisfactory clarification, the case may be recommended for EC after receiving such clarification.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 5,700 m³/Year as per mine plan.

10. Case No.-2694/2015 Mr. B.K. Agnihotri, Executive Engineer, M.P. Housing & Infrastructure Development Board, Div.-2, R.S.S. Market, 5 No. Stop, Bhopal-462011 (MP) Prior Environment Clearance for proposed Residential Project "Affordable Housing Scheme" at Village-Bairagarh Chichli, Tehsil-Huzur, District-Bhopal (MP) For-Building Construction.

This is an area development project comprising a Residential complex under affordable housing scheme. The project is proposed at Village Bairagarh Chichli Tehsil Huzur District Bhopal. The case was considered earlier SEAC meeting, whereby several queries were raised and PP was asked to present the case with detailed reply. Response to the queries was presented by the PP and their consultant before the committee in this meeting.

The site is reported to be about 3.5 Km from the edge of river Kaliasot. It was also reported that the site is adjacent to river Kerwa. PP has proposed a buffer of 33 meters from the bank of river Kerwa this buffer shall be developed as a 33 meters broad green strip. Van Vihar National Park is reported to be 8.5 Km from the project boundary. Thus, the project requires wild life clearance from the standing committee of the NBWL. Accordingly the PP was asked to submit a copy of application made to the competent authority in this context. Other submissions made by the PP were found to be satisfactory and acceptable. Final decision in the matter shall be taken after receipt of the requisite document from the PP.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. copy of application made to NWBL for wild life clearance. PP was called for presentation on this application on 19/09/2015.

- 11. Case No. 2656/15 Shri Arpit Sakhlecha S/o Suresh Ji Sakhlecha, 1, Rathore Colony, Tehsil-Jaora, Ratlam (M.P.) Basalt Stone Quarry Lease Area – 2.00 ha., Capacity - 11,400 cum/year, at Khasra No. 461/1 at Village-Akyadeh, Tehsil-Piploda, District-Ratlam (MP). Application forwarded by SEAC by SEIAA vide letter no. 3502/SEIAA/15 dated: 31/3/2015.**

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. 461/1 at Village-Akyadeh, Tehsil-Piploda, District-Ratlam (MP) in **2.00 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. 675 dated 7/11/2014, that one mines are operating / proposed within 500 meter radius around the said no mine and the total lease area is 4.0 ha. PP has reported that the pit formed after mining shall be developed into a water body.

This case was presented in 201st. SEAC meeting dated 01/07/15 and after deliberations PP was asked to submit revised mining plan with provision of 7.5 meter broad barrier zone around the lease area.

In response to above query of the SEAC, PP has submitted revised maps with provision of 7.5 meter barrier zone but these maps are not approved by the concerned mining department and no covering letter of such amendment is issued by them. Since the revised maps are not approved by the competent authority, the case cannot be appraised in the present form. PP is required to submit the requisite documents within 30 days time failing which it may be recommended for delisting.

- 12. Case No. – 2602/2015 Shri Dilip Joshi S/o Shri Liladhar Joshi, Village-Sanavadiya, Teh. & Distt.-Indore (M.P.) Stone Quarry Lease Area- -1.820 ha., Capacity - 8,550 cum/year, at Khasra No. 2624 Village-Kampel, Teh.-Indore, Distt.-Indore (M.P.). Application forwarded by SEAC by SEIAA vide**

letter no. 3291/SEIAA/15 dated: 19/3/2015.

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. 2624 Village-Kampel, Teh.-Indore, Distt.-Indore (MP) in **1.820 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. 509 dated: 3/6/2015, that no more mines are operating / proposed within 500 meter radius around the said mine.

This case was presented in 201st. SEAC meeting dated 01/07/15 and after deliberations PP was asked to submit revised mining plan with provision of 7.5 meter broad barrier zone around the lease area. Plantation scheme towards the road side to be submitted.

In response to above query of the SEAC, PP has submitted revised maps with provision of 7.5 meter barrier zone but these maps are not approved by the concerned mining department and no covering letter of such amendment is issued by them. Since the revised maps are not approved by the competent authority, the case cannot be appraised in the present form. PP is required to submit the requisite documents within 30 days time failing which it may be recommended for delisting.

13. Case No. 2560/2015 Shri Jitendra Singh S/o Shri Chain Singh, Vidhut Colony (- Patrakar Colony), Town & Teh.-Jawar, Ratlam (M.P.)-457226. Basalt Stone Quarry Lease Area - 2.00 ha., Capacity -8,550 cum/year, at Village-Mindali, Teh.-Jaora, Distt.-Ratlam

This is a case of mining of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 161, at Village-Mindali, Teh.-Jaora, Distt.-Ratlam (MP) 2.00 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 and DFO; however DFO has not certified the distance of nearest forest boundary from the project boundary. Concerned Mining Officer vide letter no. 871, dated: 29/12/14, has reported that there is no more mines operating or proposed within 500 meters around the said mine. Maximum depth of pits in the mining shall not exceed 12 meters. Other submissions are satisfactory and acceptable.

This case was presented in 211st SEAC meeting dated 06/08/15 and after deliberations PP was asked to submit a certificate from the concerned DFO regarding the distance of nearest forest from the project boundary.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

14. Case No. 2263/14 Shri Prakash Chandra Patidar, Proprietor, M/s Mahaveer Stone Crusher, Village-Parvaliya, Tehsil-Thandala, District-Jhabua (MP) Basalt Stone Quarry Lease Area -1.50 ha., at Khasra No. -05, 11, 13, Village-BeedMahudipada, Tehsil-Meghnagar, District- Jhabua (MP) Capacity-5700Cu.mt./Year.

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 *atKhasra No. -05, 11, 13, Village-BeedMahudipada, Tehsil-Meghnagar, District- Jhabua (MP)* in 1.5 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Concerned Mining Officer vide letter no. 71 dated 11/02/2015 has reported that there is no mine operating /proposed within 500 meters around the said mine.

This case was presented in 185st. SEAC meeting dated 29/04/15 wherein in 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.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 5,700 m³/Year as per mine plan.

15. Case No. – 2388/2015 Shri Alok Bairagi S/o Shri KailashBairagi, Village-Ummedpura, Tehsil-Javad, Neemuch (MP)-458330 (M-09926690366) Stone Quarry in an area of 2.00 ha. at Khasra No. 349 Min-2 at Village-Aankali, Tehsil-Manasa, District-Neemuch (MP) Capacity-8,550 cum/year. Applications forwarded by SEAC by SEIAA vide letter no. 3153/SEIAA/15 dated: 19/01/2015.

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. 349 Min-2 at Village-Aankali, Tehsil-Manasa, District-Neemuch (MP) in 2.0 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 and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 240 dated 17/03/2015, that one mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 4.00 ha. Crusher is also proposed in the mining lease area.

Presentation & Submissions made by the PP were discussed in the 180th. meeting of SEAC dated 26/03/15. The EMS and other submissions made by the PP were found to be satisfactory and acceptable. However, 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 obtain comments of concerned DFO on this issue along with distance of nearest forest boundary from the project site and submit.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

16. Case No. – 2401/2015 Shri Ankit Bairagi S/o Shri Kailash Bairagi, Village-Ummedpura, Tehsil-Javad, District-Neemuch (MP)- 458330 Stone Quarry in an area of 2.00 ha. (8,550 cum/year) at Village Aankali, Tehsil-Manasa, District-Neemuch (MP). Application forwarded by SEAC by SEIAA vide letter no. 3179/SEIAA/15 dated: 19/01/2015.

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. 1311/2 at Village Aankali, Tehsil-Manasa, District-Neemuch (MP) in an area of 2.00 ha. The project requires prior EC before commencement of any activity at site. PP has submitted a copy of approved Mining Plan.

Submissions made by the PP were discussed in the 181st. meeting of SEAC dated 27/03/15. The EMS submitted by the PP was found to be satisfactory and acceptable. However, scrutiny of the mining plan reveals the presence of certain scheduled animals in the area which needs confirmation from the forest department. The DFO's certificate of 250 meters is also not submitted by the PP. Thus PP was asked to submit the letter from:- Concerned DFO's with comments on presence of scheduled animals in the area and also certificate reporting distance of project site from the forest boundary for further necessary decision in the matter.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. certificate of DFO. Based on the information submitted by the PP committee

recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

17. Case No. - 3101/15 - Shri Tejindarpal Singh, Leasee, M/s Digiyana Industries Pvt. Ltd., G-1, Sapna Chamber, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Mine in Lease Area -7.730 ha. . Capacity- 2,31,900 cum/year at Khasra No.-219, 341, Village-ChikhliAamdhana, Tehsil-Ghodadungri, Dist-Betul (MP).

This is a case of mining of *Sand Mine*. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.-219, 341, Village-ChikhliAamdhana, Tehsil-Ghodadungri, Dist-Betul (MP)* in **7.730ha**. 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. Concerned Mining Officer vide letter no.-589, dated: 07/05/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine .

Submissions made by the PP were discussed in the 205th.meeting of SEAC dated 20/07/15 and after deliberations PP was asked to submit response to the following issues raised by the committee:

- Production Capacity to be justified considering the total reserves and annual replenishment.
- Co-ordinates presented in the Mining Plan do not match with that on the Google map the same to be furnished after authentication from mining department.

Scrutiny of the case reveals that the PP has not submitted the co-ordinates authenticated from mining department in spite of SEAC's recommendations. In the absence of correct co-ordinates appraisal is not possible and thus the case is deferred and returned to SEIAA for delisting.

18. Case No. – 2688/2015 Mr. L.K. Batle, Executive Engineer, M.P. Housing &

Infrastructure Development Board, Div.-5, Satellite Plaza, 1st Floor, Ayodhya Bypass, Bhopal-462041 (M.P.) Prior Environment Clearance for proposed Residential Project "Ayodhya Phase-V Part-II" of M. P. Housing & Infrastructure development Board, Bhoapl, at Khasra No. – 113/1, 113/1/2, 122, 125, 130, 129, 131, 133, 134, 348/136, 324/136, Village-NarelaShankari, Tehsil-Huzur, District-Bhopal (M.P.) Total Plot Area- 36.80 Acre, Total Built up Area- 68478.06 Sq. mt.

This is a building construction project comprising of Residential complex. Proposed plot area is 80970 m² and total built-up area is 81238.36 m². The project is proposed at Khasra No. – 163/1, 163/2, 163/3, 164/4, 165, 166, 167, 168, 169/1, 169/2, 172/2, Village-Bagli&Barrai Khasra No. - 326, Tehsil-Huzur, District-Bhopal (M.P.). By virtue of type and size, the project falls under category 8(a) ó B2 as per the schedule of the EIA notification hence requires prior EC from SEIAA before commencement of activity at site. Application along with the relevant documents was forwarded to SEAC by SEIAA for appraisal and necessary recommendations.

The case was presented by the PP and their consultant in the 196 th. SEAC meeting dated 02/06/15 wherein it was observed that the project is part of already existing / operational project. The approval of plan from Town & Country Planning Department for complete project (i.e. existing as well as proposed) was granted in year 2003. Thus, from the above it appears that this is an expansion of an existing township project. A clarification on the issue is therefore required from the Commissioner Housing Board. Accordingly, the PP may be required to submit revised application mentioning the facts.

Scrutiny of the case reveals that the PP has submitted the requisite information about the existing/ operational projects. Committee decided that since PP has submitted the reply they may be called for the presentation on any subsequent date of SEAC's meetings.

- 19. Case No. – 2763/2015 Shri AklakKha S/o Shri SaleemKha, Village-Siapura, Tehsil & District-Dewas (MP)-455001. Basalt Stone Mine in an area of 3.00 ha. (22,800 cum/year) at Village-Rabadiya, Tehsil-Tonkkhurd, District-Dewas (M.P.)**

This is a case of mining of *Basalt Stone*. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 629, Village-*Rabadiya, Tehsil-Tonkkhurd, District-Dewasin* 3.00 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 491, dated 1/04/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine .

This case was presented in the 211th. SEAC meeting dated 06/08/2015 wherein after deliberations it was observed by the committee that Crusher is proposed in the project but same has not been considered and addressed appropriately in the EMP. Hence PP was asked to revise the EMP accordingly and submit the same within 15 days.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. necessary provisions to address the issues of crusher are made in the EMP. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 22,800 m³/Year as per mine plan.

20. 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 for Synthetic Organic Chemical manufacturing Unit of M/s Meghnagar Pharmachem Pvt. Ltd., Plot No. 98-A, AKVN, Meghnagar, Vill.- Meghnagar, Distt. – Jhabua (M.P.) Capacity- Dyes Intermediates @ 35 MT/Month (CF from 191st Meeting)

The project is covered as item 5 (F) in the schedule of EIA notification and hence requires prior EC from SEIAA before commencement of any activity at site.

The application pertaining to EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. PP and their consultant presented the case before the

SEAC in this meeting. The submissions and the presentation made by the PP and his consultant revealed following:

Products

S.No	Product Name	Quantity (MT/Month)
1	N-Methyl-J-Acid	20.00
2	N-Benzoyl -J-Acid	5.00
3	N-Acetyl-J-Acid	5.00
4	N-Phenyl-J-Acid	5.00
	Total	35.00

Salient Features of the project

Land	3924.00 sq. m.
Greenbelt Development	1297.27 sq. m.
Total Water Consumption	Total: 10.33 KLD Domestic: 0.45 KLD Industrial: 3.41 KLD Greenbelt Development: 6.47 KLD
Source of Water Supply	AKVN
Waste Water Generation	1.34 KLD
Treatment Facility	ETP with RO & MEE
Source of power supply	Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Ltd. (MPPKVVCL)
Power Requirement	During operation phase : 125 HP DG Set for power back up: : 1 X 125 KVA
Fuel Options	Diesel Oil will be used as a fuel for DG sets

Environment setting of the project

Nearest village	Bedawali (0.65 km, W)
Nearest Town/City	Meghnagar (1.9 km, WSW)
Nearest Railway Station	Meghnagar Railway Station (2.1 km, WSW)
Access Roads	SH - 39 (0.4 km, WNW)
Nearest Bus-stop	Meghnagar bus stop

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Nearest Airport	Indore Airport (130 km, East)
Nearest Water Body	Negari Nadi (3.95 km, SSE)
Nearest Hospital	Jivan Jyoti Hospital (2.04 km, West)
Major Industry (within km)	API India Biotech Pvt. Ltd.; Madhya Bharat Phosphate Ltd.; Parth Rasayan Pvt. Ltd. SR Ferro Alloys
Seismic Zone	Zone -III

Land use Breakup

S. No.	Description	Area (Sq. m.)
1	Plant Area	294.00
2	Boiler	42.34
3	Office	33.75
4	Staff Quarters	86.61
5	Cabin	9.00
6	Toilet	7.80
7	ETP	46.75
8	Sludge Bed	83.53
9	Road	420.00
10	Green Belt	1297.27
11	Open Space	1602.95
Total		3924.00

Raw Material Requirement

S. No.	Products	Name of the Raw Material	Consumption Batch (kg)	Consumption Day (kg)	Storage Facility
1	N-METHYL-J-ACID	J-Acid	975	325	Bag
2		MMA	495	165	MS Tank
3		Sodium bisulphite	430	143	Bag
4		Sulfuric Acid	500	167	MS Tank
5		Sodium hydroxide (20%)	250	83	MS Tank
6		HCl	350	117	Syntax 10 KL Tank
S. No.	Products	Name of the Raw Material	Consumption Batch (kg)	Consumption Day (kg)	Storage Facility
7	N-BENZOYL-J-ACID	J-Acid	700.00	233	Bag
8		Benzoyl Chloride	420.00	140	Drum
9		Sodium Acetate	120.00	40	Bag
10		Sodium bicarbonate	245.00	82	Bag

11		Caustic Lye (30%)	250.00	83	MS Tank
12		Sulfamic Acid	50.00	17	Bag
13		Soda Ash	75.00	25	Bag
14	N- ACETYL-J- ACID	J-Acid	850	283	Bag
15		Sodium Hydroxide (30%)	150	50	MS Tank
16		Acetic Acid	363	121	Carboys
17		Sodium chloride	120	40	Drum
18	N- PHENYL-J- ACID	J-Acid	760.00	253	Bag
19		Aniline	300.00	100	Drum
20		Sodium bisulphate	330.00	110	Bag
21		Soda Ash	120.00	40	Bag
22		Sulfuric Acid	300.00	100	MS Tank

Water Balance

Sr. No.	Type of Activity	Total Water Requirement, KLD	Total Waste water Generation, KLD
1.	Domestic	0.45	0.36
2.	Gardening	6.47	-
3.	Industrial		
a.	Process	0.43	0.62
b.	Boiler	2.00	0.30
c.	Washing	0.06	0.06
d.	Cooling	0.66	Evaporate 20 % balance 80 % recycled
e.	Scrubber System	0.26	-
Total Industrial		3.41	0.98
Total (1+2+3)		10.33	1.34

Zero liquid discharge

The source of required water will be met from AKVN water supply. The total water requirement for project is 10.33 KLD. Proposed trade effluent generation will be 2.783 KLD. The domestic and industrial waste water generation will be treated in proposed ETP follow with RO & MEE and will be used in process and gardening purpose. The solid are removed and disposed at TSDF facility.

Water Consumption and Waste water generation details

Sr. No.	Type of Activity	Total Water Requirement, KLD	Total Waste water Generation, KLD
1.	Domestic	0.45	0.36
2.	Gardening	5.256	-
3.	Industrial		
a.	Process	1.644	2.397
b.	Boiler	2.00	0.30
c.	Washing	0.06	0.06
d.	Cooling	0.66	0.26
e.	Scrubber System	0.26	-
Total Industrial		4.624	2.783
Total (1+2+3)		10.33	3.143

Solid / Hazardous Waste Management

S. No.	Name of Solid/Hazardous Waste	Quantity	Mode of Disposal
1	MEE Salts	25 Kg/Day	Sent to TSDF
2	Inorganic Solid Waste (Process)	20.0 Kg/Day	Sent to TSDF
3	ETP Sludge	5.0 Kg/Day	Sent to TSDF
4	Drum	25 Nos./Month	Sent to Authorized Vender
5	Bag	600 Nos./Month	Sent to Authorized Vender
6	Liner	600 Nos./Month	Sent to Authorized Vender

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.

This case was presented in the 204th SEAC meeting dated 04/07/2015 wherein 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 has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable. Thus committee decided to recommend **the case for grant of prior EC subject to the following special conditions:**

1. The entire process area should be provided with doubled liner HDPE geo membrane system of thickness 1.5 mm and double leachate collection system for detection of any leachate.
2. Atleast eight numbers of Peizo-metric monitoring points should be provided all around the plant premises and their monitoring be done bi-monthly.
3. VOC detectors should be provided in all storage areas.
4. It should be zero discharge unit and no waste water is allowed to discharge outside of the plant premises.
5. MEE sludge and other hazardous wastes should be sent to CTSDf, Pithampur, Dhar.
6. Atleast 2.5 cm of first rain water should be passed through the ETP.
7. No ground water recharge pits be provided in the plant premises.
8. Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
9. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
10. The exhaust of the vehicles used for the purpose of handling, lifting and transportation within the factory such as forklifts or trucks should be fitted with the approved type of spark arrester.
11. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
12. Dyke wall should be provided for storage of liquid materials. The dyke wall should be off 1.5 times higher than the quantity of stored materials.

13. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
14. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
15. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
16. Recent MSDS of all the chemicals be displayed at appropriate places.
17. Two on-line monitoring systems for ambient air quality should be provided.

21. Case No. – 2408/2015 Shri Puneet Singh M/s Vasundhara Agro Agency, Near Raghuraj School, Shahdol (MP)-484771 Prior Environment Clearance for approval of proposed Sand Quarry in an area of 5.00 ha. (65,000 cum/year) at Village-Lalpur, Tehsil-Sohagpur, District-Shahdol (MP).

This is a case of mining of Sand. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Lalpur, Tehsil-Sohagpur, District-Shahdol(MP) 5.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. . Concerned Mining Officer vide letter no. 195, dated: 21/07/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine and cumulative lease area is 12.0 Ha.

This case was presented in the 211th. SEAC meeting dated 06/08/2015 wherein after deliberations PP was asked to revise the EMP taking into consideration the site-specific features and submit the same within 15 days.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised EMP. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 65,000 m³/Year as per mine plan.

22. Case No. – 2741/2015 Shri Aashutosh Singh, Village & Post – Seetapur Distt. Anuppur (MP) Sand Quarry Lease Area - 6.00 ha., Capacity -50,000 cum/year, at Khasra No. 164, Village-Cholna, Tehsil-Jaithari, District-Anuppur (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 at *Khasra No. 164, Village-Cholna, Tehsil-Jaithari, District-Anuppur (M.P.)* in **6 Ha in River Son**. 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. Concerned Mining Officer vide letter no. 272 dated: 12/02/2015 has reported that there is no mine operating or proposed within 1000 meters around the said mine.

This case was presented in the 202^{ed}. SEAC meeting dated 02/07/2015 wherein after deliberations PP was asked to submit response to the following queries:

1. Name of the river is not clear in the Mining Plan (River Son / or its tributary). The name of the river should be clarified in the Mining Plan & submitted after due authentication from Mining Department.
2. Revised site-specific EMP after addressing all the issues (Bridge, Plantation, Habitation etc.) to be submitted.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. name of the river and site specific EMP. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

1. Production of Sand not exceeding 50,000 m³/Year as per mine plan.

23. Case No. – 714/2013 –Shri D.M. Nimje, Dy. General Manager (Operations) Indian Oil Corporation, M.P. State Office, 16, Arera Hills, Jail Road, Bhopal (M.P.) – 462011- EIA Presentation- Construction of additional tankage for MS & ATF and Tank Truck Loading Facility at existing IOCL terminal at Bangrod, District Ratlam. TOR issued vide L.No. 616 dated 25/09/2012 in 98th meeting.

The project pertains to Item No. 5(e) Category 'B' of the EIA Notification schedule. Hence it has to be appraised at SEIAA/SEAC of the state for grant of prior EC. The application and relevant documents were forwarded by the SEIAA to SEAC for scoping so as to determine TOR to carry out EIA /EMP. The case was presented before the committee by the PP and his consultant, which reveals following features of the project:

The project pertains to the proposed additional tankage for MS & ATF and Tank Truck Loading Facility at existing IOCL terminal at Bangrod, District Ratlam. The presentation made by the PP reveals following features of the project:

Major Activities of Existing IOCL Terminal at Bangrod (Ratlam)

- ❖ Receipt of MS, HSD, SKO & ATF through pipeline from Koyali Refinery, Vadodara.
- ❖ Storage of 74448 KL petroleum products (MS, HSD, SKO & ATF) and Ethanol.
- ❖ Tank Truck and Tank Wagon Loading operations.
- ❖ Distribution of petroleum products in Madhya Pradesh.

Salient Features of Project

- ❖ Year of commissioning ó 2009
- ❖ Command Area ó village Bangrod
- ❖ Area of existing terminal ó 35.17 Ha
- ❖ Additional area required ó Nil.
- ❖ Details of Existing Prior EC- Granted by MoEF vide Ref No. J-11011/69/2005-IA.II (1) dt. 17/05/2006 for storage of 79258 KL of Petroleum product.
- ❖ Type of activity ó Receipt, Storage and distribution of petroleum products.
- ❖ Source of products ó Koyali Refinery, Vadodara
- ❖ Mode of transfer of product: Pipeline
- ❖ Mode of distribution: Road / Rail
- ❖ Water requirement: 5KLD for domestic, 30 KLD for topping-up of fire hydrant system, no additional requirement is opted for expansion.
- ❖ Waste water facility- 03 No of OWS have been installed.
- ❖ Hazardous waste generation- from cleaning of storage tanks reported to be once in five years. The waste is being disposed off through CTSDf.

The EIA report and the Public Hearing proceedings were forwarded by SEIAA. The salient features of the project, impacts and proposed additional mitigations were discussed in the meeting. The case pertains to enhancement in the storage / loading capacities. Although PP and his consultant presented the compliances of the existing EC, the verification report from MoEF was not submitted. Hence PP was asked to submit the same at the earliest.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable. Thus committee decided to recommend **the case for grant of prior EC subject to the following special conditions:**

1. The compliance of conditions of EC should be firmly made by the PP as per the schedule.
2. Necessary budgetary allocations be made by the PP for proposed Environmental Management Schemes.
3. Budget utilized for Environmental Management Schemes should be yearly audited and same be submitted to the MoEF&CC.
4. Adequate buffer zone around the tankage facilities, as may be required as per OSID or other statutory requirements.
5. VOC and HC shall be regularly monitored in the work zone in the plant along with the other parameters and data shall be submitted to MPPCB and R.O of MoEF&CC.
6. The company shall construct garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage shall be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted.
7. The project authorities should comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Act for handling of hazardous chemicals etc. All Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2008.
8. Company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulations made by the respective authorities.

9. Green area including thick green-belt shall be developed in at least 33% of the plot area to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.
10. All recommendations mentioned in the EMP / DMP shall be binding for the project authorities.
11. Dedicated parking facility for loading and unloading of material shall be provided in the plant. Management shall develop and implement good traffic management system for incoming and outgoing vehicles to avoid congestion on public road.

24. Case No. – 2360/2014 Shri Jyoti Pal Singh, BarapattharSeoni, Tehsil & District-Seoni (MP) Basalt Stone Quarry Lease Area – 2.0 Ha., at Khasra No. 260/1 Lease Period Ten Year at Village-Gangerua, Tehsil-Seoni, District-Seoni (MP) Capacity –4,275 Cubic meter/Year. Application forwarded by SEAC by SEIAA vide letter no. 3049/SEIAA/15 dated: 12/01/2015.

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. 260/1 at Village-Gangerua, Tehsil-Seoni, District-Seoni (MP)* in 2.0 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 and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 2377 dated 10/10/2014, that 03 more mines are operating / proposed within 500 meter radius around the said mine and the total lease area is 8.90 ha. PP has reported that the pit formed after mining shall be developed into a water body.

The case was presented in SEAC 179th meeting dated 25/03/2015 wherein 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.

The case was again presented in 213th meeting of SEAC dated 08/08/2015 wherein it was observed that PP has submitted a copy of page of Mining Plan where corrections pertaining to fauna have been made the same was not accepted by the committee as it was not approved by the Mining Department. Thus PP may submit comments from DFO within 15 days.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by competent authority. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Sand not exceeding 4,275 m³/Year as per mine plan.

25. Case No. - 2120/2014 Shri Jagdish Trivedi S/o Shri RatanLal Trivedi, Village-Pipalanaraywar, Tehsil-Sausar, District-Chhindwara (MP)-480109 Metal Stone Quarry Lease Area – 1.249 ha., at Kh No.-90/1 , Vill-Hiwarasendwar, Teh-Sausar, District-Chhindwara (MP),Cap.-13680 Cubic mt./Year.

This is a case of Metal Stone Quarry Lease Area – 1.249 ha., at Kh No.-90/1 , Vill-Hiwarasendwar, Teh-Sausar, District-Chhindwara (MP) for capacity .613680 Cubic mt./Year. 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 and DFO. Concerned Mining Officer vide letter no.---- dated:16/3/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was discussed in the 169th dated 27/02/2015 SEAC meeting 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 the presence of scheduled animals and submit the same to SEAC.

PP has submitted a copy of page of Mining Plan where corrections pertaining to fauna have been made the same was not accepted by the committee as it was not approved by the Mining Department. Thus PP may submit comments from DFO within 15 days.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by competent authority. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 13,680 m³/Year as per mine plan.

26. Case No. 2302/2014 Shri Ashok Sirsam S/o Shri Gyani Prasad Sirsam, Village – Balarpur, Tehsil – Seoni, Distt. Seoni (MP) (M-9229228268) Basalt Stone Quarry Lease Area – 1.00 ha., at Khasra No.-349 Part, Lease Period Ten Year at Village-Balarpur, Teshil – Seoni, Distt. Seoni (MP), Capacity – 5700 Cum/Year. Application forwarded by SEAC by SEIAA vide letter no. 2813/SEIAA/14 dated: 27/12/2014.

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 at Khasra No.-349 Part at Village-Balarpur, Teshil ó Seoni, Distt. Seoni (MP) 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 and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 2743 dated 25/12/14, that no mine is operating / proposed within 500 meter radius around the said mine. PP has reported that the pit formed after mining shall be developed into a water body. Crusher shall not be installed in the lease area.

The case was discussed in the 178th SEAC meeting dated 24/03/2015 and the EMS and other submissions made by the PP were found to be satisfactory and acceptable. However, 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.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by competent authority. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 5,700 m³/Year as per mine plan.

27. Case No. – 2715/2015 Shri Gopal Tiwari S/o Shri Jaylal Tiwari, Tehsil and Town Gardarwara Distt. Narsinghpur (M.P.) Sand Quarry Lease area – 5.00 Ha. Capacity 1,50,000 Cum/Year Khasra No. 1/1 Ka, at Village – Cheechli, Tehsil – Gardarwara, Distt. Narsinghpur.

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1/1 Ka at Village ó Cheechli, Tehsil ó Gardarwara, Distt. Narsinghpur in **5.00ha.**, 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. Concerned Mining Officer vide letter no. 1070 dated: 30/12/2014 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was discussed in the 205th SEAC meeting dated 20/07/2015 and after deliberations PP was asked to submit **response** on Justification for Mining Capacity-1,50,000 Cum/Year, Clearly depicting the name of river from where the mining is proposed and Google Map corresponding to the Co-ordinates corresponding to the mining plan

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. justification for production capacity, name of river i.e. Sitareva River & Google image. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

1. Production of Sand not exceeding 1,50,000 m³/Year as per mine plan.

28. Case No. - 2104/2014 Shri Jagdish Trivedi S/o Shri RatanLal Trivedi, Village- Piplanarayanwar, Tehsil-Sauser, Chhindwara (MP)-480109 Metal Stone Quarry Lease Area – 1.00 ha., at Khasra No.- 94, Village- Hiwarasendwar, Tehsil-Sauser, District-Chhindwara (MP) ,Capacity –10260 Cubic mt./Year

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *Khasra No.- 94, Village- Hiwarasendwar, Tehsil-Sauser, District-Chhindwara (MP)* in 1.0 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 11dated 05/11/2014 has reported that there is 01 more mine operating/ proposed within 500 meters around the said mine the total lease area being 03Ha.

The case was discussed in the 184th SEAC meeting dated 28/04/2015 and after deliberations it was observed that 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.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by the mining officer.Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 10,260 m³/Year as per mine plan.

29. Case No. 3179/15 Shri Prabhakar Singh, M/s Shiv Shakti Associates, Near KendriyaVidhyalaya, Verma Colony, North Karondiya, District-Sidhi (MP)-486661.Prior Environment Clearance for approval of Sand Quarry in an area

of 4.00 ha. (1,08,600 cum/year) at Khasra No.-430, Village-KhamhariyaKalan, Tehsil-Chitrangi, District-Singrauli (MP).

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-430, Village-KhamhariyaKalan, Tehsil-Chitrangi, District-Singrauli (MP) in 2.00 *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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-1273, dated: 02/09/14, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was discussed in the 208th SEAC meeting dated 23/07/2015 and It was reported that the Ken Ghariyal Sanctuary (a Notified PA) is less than 10 Km from the project boundary, hence PP is required to obtain wild life clearance from NBWL. A copy of application made to the competent authority in this regard has to be submitted to SEAC within 15 days for consideration of the case for EC. Thus the case was deferred till receipt of the same.

Scrutiny of the case reveals that the PP has still not submitted the requisite information i.e. complete copy of application (with all relevant enclosures) made to the competent authority to obtain wild life clearance from NBWL. PP is given last opportunity to submit above information within 15 daysøtime failing which the case may be recommended for delisting.

30. Case No. – 2365/2015 Smt. Kamrunishan W/o shriMohd. Kureshi, JiyaratNakeKe Pass, Seoni (M.P.)-480661 (M-9827187991) Basalt Stone Quarry in 2.0 Ha. atKhasra Nos. 284/1,Lease Period Ten Year at Village-Thambari, Tehsil-Seoni, Distt-Seoni(MP) Capacity – 8550 Cum/Year. Application forwarded by SEAC by SEIAA vide letter no. 3107/SEIAA/15 dated: 16/01/2015.

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 Nos. 284/1 at Village-

Thambari, Tehsil-Seoni, Distt-Seoni (MP) in 2.0 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 and DFO. It was reported by the concerned Mining Officer of mining department vide letter no.2929 dated 31/12/2014, that 03 mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 8.60 ha. Crusher is also proposed to be installed within the mining lease area.

The case was discussed in the 213th SEAC meeting dated 08/09/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable. But 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 obtain comments of concerned DFO on this issue and submit.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by the mining officer. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure
~~A~~

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

31. Case No. – 3152/2015 Shri Arjun Singh S/o Shri Chain Singh, Village-Barkhedijagir, Tehsil-Biaora, District-Rajgarh (M.P.)-465674. Jetpura River Sand Quarry Lease Area - 6.611 Capacity - 340 cum/year, at Village-Jetpura, Tehsil-Biaora, Dist-Rajgarh (M.P.)

This is a case of mining of Jetpura River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 21, 90, 92, Village-Jetpura, Tehsil-Biaora, Dist-Rajgarh in 6.611 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. . Concerned Mining Officer vide letter no. 385, dated: 21/05/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was discussed in the 213th SEAC meeting dated 08/09/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable. But scrutiny of the documents reveals that Site specific features, for instance the confluence points of rivers, presence of bridges / dams and other issues which are of environmental concern have not been incorporated in the EMP. The EMP should have included ó Bank erosion consequences and prevention / repair plans, evacuation plan, protection of fauna/flora, protection/safety of habitation on the transport route etc. In view of above PP shall submit a revised EMP incorporating the above issues.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised EMP addressing the issues. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

1. Production of Sand not exceeding 340 m³/Year as per mine plan.

32. Case No. – 3153/2015 Shri Om Babu S/o Shri Rameshwar, Village-Padligusai, Tehsil-Biaora, Rajgarh (M.P.)-465689.River Sand Quarry Lease Area - 24.00 Capacity - 1,110 cum/year, at Village-Shekhanpur, Tehsil-Biaora, Dist-Rajgarh (M.P.)

This is a case of mining of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 31, Village-Shekhanpur, Tehsil-Biaora, Dist-Rajgarh (M.P.) in 24.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. . Concerned Mining Officer vide letter no. 384, dated: 21/05/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was discussed in the 213th SEAC meeting dated 08/09/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable. But scrutiny of the documents reveals that Site specific features, for instance the confluence points of rivers, presence of bridges / dams and other issues which are of environmental concern have not been incorporated in the EMP. The EMP should have included ó Bank erosion consequences and prevention / repair plans, evacuation plan, protection of fauna/flora, protection/safety of habitation on the transport route etc. In view of above PP shall submit a revised EMP incorporating the above issues.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised EMP addressing the issues. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

1. Production of Sand not exceeding 1,110 m³/Year as per mine plan.

33. Case No. – 2893/2015 Mr. Mohan Prasad Paroha, Partner, M/s Paroha Developers Pvt. Ltd., 1415, Wright Town, above IDBI Bank, Jabalpur (M.P.)-462042 Prior Environment Clearance for approval of proposed Paroha Residential Project "The Vision" at Khasra No. – 12/1/1, 12/1/2, 12/4, 13/3, Vill.-Laxmipur, Teh.-Jabalpur, District-Jabalpur (M.P.) Total Plot Area- 14600 Sq. mt.(1.46 Ha.) Proposed Built up Area- 36395.65 Sq. mt., Total Built up Area – 51825.65 Sq. mt.,

The proposed residential and commercial project is planned in a plot measuring 14600.00 Sq.m. (1.46 Hect.) at At ARP Road MR4 Extension Road, Near JDA Scheme No. 41, Laxmipur, Vivekanand Ward, Jabalpur (MP).

Khasra No.	
1.	12/1/1 = 0.405 Hect.
2.	12/1/2 = 0.405 Hect.
3.	12/4 = 0.300 Hect.
4.	13/3 = 0.350 Hect.
Total = 1.46 Hect. or 14600 Sq.mt.	

Statement of Area

Total Plot Area	= 14800 Sq.mt.
Perm. Ground Coverage (30%)	= 4380 Sq.mt.
Proposed Ground Coverage (COM. + RESI.)	= 1246.93 Sq.mt.
	= 1246.92/14600 = 8.5%
Prop. Open Space @ 10%	= 1460 sq.mt.

FLOORS	COMMERCIAL BLOCK - C	RESIDENTIAL (BLOCK – A,B)	TOTAL
Ground	934.66	312.26	1246.91
1 ST	1075.27	1792.10	2867.37
2 nd	1114.31	1792.10	2906.41
3 rd	381.04	1792.10	2173.14
4 th	735.59	1792.10	2527.69
5 th	847.58	1792.10	2639.68
6 th	453.53	1792.10	2245.63
7 th	453.53	1792.10	2245.63
8 th	478.62	1792.10	2270.72
9 th	478.62	1792.10	2270.72
10 th	315.98	1792.10	2108.08
11 th	315.98	1792.10	2108.08
12 th	315.98	1792.10	2108.08
13 th		1792.10	1792.10
14 th		1792.10	1792.10
15 th		1687.45	1687.45
16 th		1405.85	1405.85
Total	7900.69	28494.96	36395.54

F.A.R. CALCULATION	
Permissible F.A.R. (2.50)	= 36500 sq.mt.
proposed F.A.R. area	= 36395.54/ 14600 = 2.46

No of Units	308 Flats
Building Height	56.3 M
E.W.S.	308/0.9% = 27.72 units

LIG	308/0.6%	= 18.48 Units
47 Units		
E.W.S. 1 ST		3 Units
E.W.S. 2 ND to 10 TH 3 x 9		27 Units
L.I.G. 11 TH to 16 TH 3 x 6		18 Units
48 Units		

Water Detail for Proposed project:

Source of Water Supply

The Main source of water supply will be Municipal water supply. It will cater the domestic requirement whereas additional water requirement will be fulfilled by treated water from STP.

In construction phase we will take water supply form the private tanker suppliers.

S. No.	Item Description	Residential
1.	Domestic Water Requirement	165 KLD
2.	Flushing Water Requirement	113 KLD
3.	Landscaping & other uses	32 KLD
4.	Total Water Demand	310 KLD
5.	STP Capacity	On 100% Load 253 KLD Proposed 300 KLD
6.	Available Treated Water through STP	227 KLD
7.	Used Treated Water	144 KLD
8.	TOTAL Net Fresh Water	310 KLD

Daily Water Requirement

S. No.	Item Description	Number of Persons / Seats	Water Requirement / head (litres)	Total water Requirement (litres)
A	<i>Fresh Water Requirement</i>			
1	Apartments/Flats & Duplex	1700	90	153000
2	EWS	84	90	7560
3	Commercial Area	790.069	5	3950.345
4	Maintenance Staff	10	20	200
	<i>Sub Total of A</i>			<i>164710.345</i>
B	<i>Flushing Water</i>			
1	Apartments/Flats & Duplex	1700	45	76500
2	EWS	84	45	3780
3	Commercial Area	790.069	40	31602.76
4	Maintenance Staff	10	25	250
	<i>Sub Total of B</i>			<i>112132.76</i>
C	<i>Treated Effluent Water Requirement – Misc. Uses</i>			
1	Landscaping	1460 Sq.mtr	5 Liter Per sq/mtr	7300
2	Misc. & Other Uses			25000
	<i>Sub Total of C</i>			<i>32300</i>
<i>Total water requirement (A+B+C)</i>				<i>309,143</i>
				Or says 310 KLD

WASTE WATER TO STP

S. No.	Item Description	Total water Requirement (litres)	Percentage of water to STP @ 85 % For Domestic and @ 100% for Flushing	Total water Requirement (litres)
A	<i>Domestic water</i>			
1	Apartments/Flats & Duplex	153000	0.85	130050
2	EWS	7560	0.85	6426
3	Commercial Area	3950	0.85	3357.79325
4	Maintenance Staff	200	0.85	170
	<i>Sub Total of A</i>			<i>140003.7933</i>
B	<i>Flushing Water</i>			
1	Apartments/Flats & Duplex	76500	1	76500
2	EWS	3780	1	3780
3	Commercial Area	31603	1	31602.76
4	Maintenance Staff	250	1	250
	<i>Sub Total of B</i>			<i>112132.76</i>
	<i>Total waste water (A+B)</i>			<i>252136.5533</i>
		SAY CAPACITY OF STP ~		253 KLD
		Proposed STP CAPACITY		300 KLD

<i>Total Daily Water requirement</i>	<i>310 KLD</i>
<i>Treated Effluent from STP @ 90% of STP Capacity</i>	<i>227 KLD</i>
<i>Fresh Water required from municipal Water</i>	<i>165 KLD</i>

Sewage Treatment Plant

It is proposal to provide a captive sewage Treatment of the entire domestic and kitchen waste generated in the Apartment. It is suggested that the S.T.P shall be package type based on Moving bed bio-film reactor which will provide high efficiency plant meeting the treated water characterization as per the state pollution control norms. The main feature of the plant shall comprise of perforated screen chamber, oil and grease chamber, equalization tank, Moving bed bio-film reactor, secondary settling tank, sludge dry bed, Treated Effluent Storage tank, Sludge Storage sump etc.

It is proposed to install as sewage Treatment plant of capacity 253 KLD on 100% Load and Proposed STP Capacity is 300 KLD for project area. The treated water from residential area is 227 KLD which is reused for flushing, horticulture and other purposes.

SOLID WASTE CALCULATION:

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit		Total Waste Generated (TPD)
Residential	0.4	Kg/capita/day	CPCB	1710	Persons	0.68400
Commercial	0.38	Kg/capita/day	CPCB	709	Persons	0.26942
		Floating Population				
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	1460	Sq. m	0.00438

STP Sludge	0.33	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.253	MLD	0.00008
Waste Oil	100	Liters/MW/year	Assuming one maintenance per year	2.53	MW	253 Liter
Total Waste Generated (TPD)						0.95788
Total Biodegradable 55 % of total (TPD)						0. 52684
Total Non-Biodegradable 45 % of total (TPD)						0. 43105

LANDSCAPE DETAIL

Total Plot Area	14600 Sq. Mt.
Open/Green area @10%	1460 Sq. Mt.
Length of the periphery	573.6 Mts.
Length after excluding the gate area(24.2 m)	549.4 Mts.
Trees on periphery:	109 Nos.
No. of trees in Garden area:	141 Nos.
Total trees:	250 Nos.
No. of trees on	

The project pertains to development of Residential complex comprising a plot area of 14600 m² (1.46 Ha) and the proposed built-up area in the project is 36395.65 m². The project falls under category 8(a) B-2 in the schedule of EIA Notification hence requires prior EC from SEIAA before commencement of activity at site. The application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The proposed site is located at *Khasra No. – 12/1/1, 12/1/2, 12/4, 13/3, Vill.-Laxmipur, Teh.-Jabalpur, District-Jabalpur (M.P.)*.

The case was discussed in the 209th SEAC meeting dated 24/07/2015 wherein the the salient features of the project, Conceptual plan and proposed EMP were presented by the PP in this meeting before the committee. After deliberations PP was asked to submit response to the following queries ó

1. Details of the proposed parking as per the condition laid in the MoM of High-rise committee incorporating the parking provisions for the two-wheelers.
2. A detail of the measures taken for reduction of water requirement in the project and accordingly the water-balance has to be revised and furnished.
3. Permission / NOC from the Municipal Corporation for discharging treated waste-water in the municipal sewer line.
4. MSW collection, storage (are to be ear-marked on lay out) and disposal plan.
5. Provision for the play space for children in the project to be ear-marked on the lay-out.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable. Thus committee decided to recommend **the case for grant of prior EC subject to the following special conditions:**

1. Fresh water requirement for the project shall not exceed 165 KLD.
2. The excess treated water will be use for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tree plants of large canopy. Green area at the site will be maintained by the project proponents, which would have an overall cooling effect on the surroundings

4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Installation of solar photovoltaic cells for street lighting system should be provided.
8. Corpus-fund should be exclusively used for the EMP.
9. MSW storage area should have 48 hours storage capacity.
10. PP will obtain other necessary clearances/NOC.
11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

34. Case No. - 2359/2015 Shri Ajay Singh, Director, M/s Jatashankar Marbles Pvt. Ltd., Ganesh Villa, 153, Sector-46, Faridabad (Haryana)-121003 Granite Mine Lease Area – 4.529 Ha., (Capacity -24,000 cum/year) at Village-Kesripura, Tehsil-LavkushNagar, District-Chhatarpur (MP).

This is mining project comprising mining of *Granite* in a lease area of 4.529 Ha. The project is covered under the provisions of EIA notification as item no. 1(a), hence requires prior EC from SEIAA. Application submitted by the PP was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP. The salient features of the project and proposed TOR were presented by the PP and his consultant before the committee.

The case was discussed in the 176th SEAC meeting dated 26/02/2015 and after deliberations committee approved the **TOR** for EIA studies. PP later on submitted a request that their case be considered in to B-2 category as the mining area is less than 5 ha and this mineral is now covered in the list of minor minerals.

Above submissions of PP were placed before the committee for decision. After deliberations committee decided that PP has not mentioned any site specific facts which should be taken into consideration for cancellation of TOR. Thus committee decided that this case cannot be considered as B-2. The recommendations made in the 176th SEAC meeting dated 26/02/2015 stands.

35. Case No. – 2713/2015 Shri Shiv Kumar Bansal, Representative, M/s A & A Enterprises, 203, Millenium University Road, Thatipur Road, Gwalior (MP)-487001 River Sand Quarry Lease Area-10.063 ha., Capacity - 2,96,000 cum/year) at Village-Karhaiya, Tehsil-Narsinghpur, District- Narsinghpur (MP).

This is a case of mining of River sand. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Village-Karhaiya, Tehsil-Narsinghpur, District- Narsinghpur (MP)* in 10.063 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. Concerned Mining Officer vide letter no. 209 dated 25/03/2014 has reported that 02 more mines are operating / proposed within 1000 meters around the said mine and total lease area is 22.063 Ha.

The case was discussed in the 191st SEAC meeting dated 07/05/2015 wherein it was observed that the production capacity proposed in the project is 296000 m³/Year, hence PP was asked to submit Evacuation Plan addressing the road capacity, available infra-structure and manpower.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. evacuation plan. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 2, 96,000 m³/Year as per mine plan.
2. Kachha village road should be maintained by the PP.

36. Case No.- 2526/2015 Shri Atul Goldal S/o Shri Kuldeep Kumar Goldal, M/s S.R. Traders, 12, Metro Plaza, Bittal Market, Bhopal (M.P.)-462016 Sand Quarry Lease Area -5.00 ha., Capacity- 1,47,000 cum/year at Khasra No. 441/961 at Vill.-Jarwahi Capacity-Dhangwan), Th.-Budhar, Dist-Shahdol (M.P.)

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 441/961 at Vill.-

Jarwahi Capacity-Dhangwan), Th.--Budhar, Dist-Shahdol in **5.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 235 dated: 02/3/2015 has reported that there is one more mine operating or proposed within 1000 meters around the said mine and total lease area is 10.0 ha.

The case was discussed in the 205th. SEAC meeting dated 20/07/2015 wherein after deliberations PP was asked to submit response on evacuation plan wrt to the number of dumpers that would play every day from the site, roads to be used for evacuation of sand and plan for bank stabilization.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. evacuation plan, dumpers details etc. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

1. Production of Sand not exceeding 1, 47, 000 m³/Year as per mine plan.

37. Case No. – 2405/2015 Shri Mohd. Javed S/o Shri AkilUIRehman, Karbala Road, Sheopur (MP)-476337 Soil Quarry in an area of 2.790 ha. (3,000 cum/year) at VillageJaida, Tehsil-Sheopur, District-Sheopur (MP). Application forwarded to SEAC by SEIAA vide letter no. 3190/SEIAA/15 dated: 21/01/2015.

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 Village Jaida, Tehsil-Sheopur, District-Sheopur (MP) in 2.790 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 and DFO. It was

reported by the concerned Mining Officer of mining department vide letter no. N.A. dated 17/10/2014, that no mine is operating / proposed within 500 meter radius around the said mine. PP has reported that the pit formed after mining shall be developed into a water body.

The case was discussed in the 181st. SEAC meeting dated 27/03/2015 wherein Presentation & Submissions made by the PP were discussed in the meeting. The EMS submitted and presented by the PP was found to be satisfactory and acceptable. However, scrutiny of the mining plan reveals the presence of certain scheduled animals in the area which needs confirmation from the forest department. Hence, PP was asked to obtain comments of concerned DFO on the presence of scheduled animals and submit the same to SEAC.

Scrutiny of the case reveals that the PP has submitted the requisite information. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Soil not exceeding 3,000 m³/Year as per mine plan.

38. Case No. – 2763/2015 Shri AklakKha S/o Shri SaleemKha, Village-Siapura, Tehsil & District-Dewas (MP)-455001. Basalt Stone Mine in an area of 3.00 ha. (22,800 cum/year) at Village-Rabadiya, Tehsil-TonkKhurd, District-Dewas (M.P.)

This is a case of mining of *Basalt Stone*. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 629, Village-Rabadiya, Tehsil-TonkKhurd, District-Dewas in 3.00 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 491, dated 1/04/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine .

The case was discussed in the 181st. SEAC meeting dated 27/03/2015 wherein after deliberations it was observed by the committee that Crusher is proposed in the project but same has not been considered and addressed appropriately in the EMP. Hence PP was asked to revise the EMP accordingly and submit the same within 15 days.

Scrutiny of the case reveals that the PP has submitted that no crusher will be installed in the mining lease area. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 22,800 m³/Year as per mine plan.
2. No crusher should be installed in the mining lease area.

39. Case No. – 2596/2015 Shri Balveer Singh, Town-Dhanpuri, Teh.-Budhar, Shahdol (M.P.)-484114 Stone Quarry Lease Area - 1.618 ha., Capacity - 8,550 cum/year, at Khasra No. 22, 25 Village-Lalpur, Teh.-Sohagpur, Distt.-Shahdol (M.P.). Application forwarded by SEAC by SEIAA vide letter no. 3279/SEIAA/14 dated: 19/3/2015.

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. 22, 25 Village-Lalpur, Teh.-Sohagpur, Distt.-Shahdol(MP) in **1.618 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. 612 dated: 17/4/2015, that 01 more mines are operating / proposed within 500 meter radius around the said mine and the total lease area is 5.018 ha. PP has reported that the pit formed after mining shall be developed into a water body.

The case was discussed in the 201st. SEAC meeting dated 01/07/2015 wherein after deliberations PP was asked to submit revised mining plan with provision of 7.5 meter broad barrier zone around the lease area. EMP should include plan for protection of the nearby water body.

Scrutiny of the case reveals that the PP has submitted the desired information such as duly approved revised mining plan and EMP. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

40. Case No.- 2883/2015 Shri PrahladChhantwar S/o Shri HiralalChhantwar (Kumawat), Mandsaur (MP)-45800 Prior Environment Clearance for approval of Basalt Stone Quarry Lease Area- 2.00 ha., Capacity - 11400 cum/year, at Khasra No.- 3/6,Village-Dodiyamina, Tehsil-Malhargarh, District-Mandsaur (MP)

This is a case of mining of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *Khasra No.- 3/6,Village-Dodiyamina, Tehsil-Malhargarh, District-Mandsaur* in **2.00 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 and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 579 dated: 9/4/2015 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine and total lease area is 12.0 ha.

The case was discussed in the 203rd. SEAC meeting dated 03/07/2015 wherein the case was presented by the PP and his RQP. The scrutiny of the project reveals that the Mining Plan has been prepared without leaving mandatory 7.5 meter broad buffer strip around the lease area boundary. Hence PP was asked to revise the Mining Plan.

Scrutiny of the case reveals that the PP has submitted the desired information surface plan duly approved by mining department.Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 11,400 m³/Year as per mine plan.

- 41. Case No. 3344/15** Shri Akash Singh Chouhan S/o Shri Brijendra Singh Chouhan, Village-Bhela, P.O. BeheraDabar, Tehsil-Mauganj, Rewa (MP)-486331 Prior Environment Clearance for approval of Stone Quarry in an area of 0.809 ha. (4,000 cum/year) at Khasra No.-29/1, Village-Harraha, Tehsil-Mauganj, District-Rewa (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-29/1, Village-Harraha, Tehsil-Mauganj, District-Rewa (MP) 0.809 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 and DFO. Concerned Mining Officer vide letter no. 849 dated: 25/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was discussed in the 220th SEAC meeting dated 26/08/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, but scrutiny of mine plan reveals that approx. 1300 cum mineral is already mined out but the same has not been shown in surface plan. PP was asked to submit revised surface plan incorporating above details.

Scrutiny of the case reveals that the PP has submitted the desired information surface plan duly approved by mining department. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone not exceeding 4,000 m³/Year as per mine plan.

- 42. Case No.-3311/2015** Shri Balram Patidar S/o Shri Ambalal Patidar, Dlodachopati, Tehsil & District-Mandsaur (MP)-458339 Prior Environment Clearance for approval of Stone Quarry in an area of 1.092 ha. (8,550 cum/year) at Khasra No.-464, Village-Khokhara, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-464, Village-Khokhara, Tehsil-Malhargarh, District-Mandsaur (MP) 1.092 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 and DFO. Concerned Mining Officer vide letter no. 838 dated: 01/6/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine total land area 3.920 Ha.

The case was discussed in the 219th. SEAC meeting dated 25/08/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable but scrutiny of mining plan reveals that surface plan/production plan is not approved by the competent authority. PP should submit the copy of approved plan.

Scrutiny of the case reveals that the PP has submitted the desired information surface plan duly approved by mining department. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 8,550 m³/Year as per mine plan.

43. Case No.-3317/2015 Shri Vijay Kumar Agrawal, Town & Tehsil-Jaithari, District-Anuppur (MP)-484881 Prior Environment Clearance for approval of Stone Quarry in an area of 1.00 ha. (5,880 cum/year) at Khasra No.-1596/1GA, Village-Amagwan, Tehsil-Jaithari, District-Anuppur (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1596/1GA, Village-Amagwan, Tehsil-Jaithari, District-Anuppur (MP) 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 and DFO. Concerned Mining Officer vide letter no. 862 dated: 30/5/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was discussed in the 219th SEAC meeting dated 25/08/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable but scrutiny of mining plan reveals that surface plan/production plan is not approved by the competent authority. PP should submit the copy of approved plan.

Scrutiny of the case reveals that the PP has submitted the desired information surface plan duly approved by mining department. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 5,880 m³/Year as per mine plan.

44. Case No. 1987/2014 Shri Ravi Anandani S/o Shri HeeranandAnandani, 54, New Rajdev Sindhi Colony, Berasia Road, Bhopal (MP)-462021- proposed Soil Quarry in an area of 1.324 ha. at Village-Pipalkhiriya, Tehsil-Raisen, District-Raisen (MP) production capacity- 2000 m³/Year. (163rd SEAC meeting).

This is a case of mining of Soil (Brick-earth).The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *at Village-Pipalkhiriya, Tehsil-Raisen, District-Raisen (MP) in 1.324 ha*. The proposed production capacity is 2000 m³ / Year. Brick production is reported to be 20.0 lac / year.

The case was dealt in the 163rd SEAC Meeting dated 24/12/2014. Whereby, it was decided to visit the site through a sub-committee in view of following investigation:

- Availability of soil / water in the region to assess the feasibility of three similar projects within 500 meters.
- Availability of sufficient space for brick manufacturing and allied activities.

- Transport route for evacuation of huge materials from the site.

The site visit was under taken by a sub- committee and following observations were made :

Observations made by the inspecting committee

- A. The project under consideration is operating in the land owned by the PP. There is sufficient clay deposit in the lease quarry estimated reserves as per mining plan is about 59500 m³. The dug-out space is made flattened and used for storing green / finished bricks. The adjoining land which is owned by the PP is also used as storage area for raw material and bricks. The Brick-kiln is reported to be installed in the lease area.
- B. It was observed, that 03 more soil quarries are operating / proposed within 500 meter radius around the said mine, the cumulative lease area being 5.362 ha. All the quarries are using a common road for transporting the materials up to the main State Highway. It was reported by the project proponent that on an average 15 twelve-tonner dumpers ply in a day through this road.
- C. About 7-8 workers from nearby villages is reported to work on site when the brick kiln is operational; only 2-3 workers stay at site during night for security reasons. Basic amenities such as shelter, drinking water etc. has been provided at site. Water for drinking purpose is drawn from the bore-well within the premises of the project.
- D. Plantation is very feeble and require further enhancement. Appropriate toilets especially for the female workers and shelter place for their small children is lacking at site. However, PP has submitted a commitment for construction of toilets (latrines) and appropriate shelter space for the female workers and small children.

In view of the above observations committee recommended the case for consideration for prior EC subject to following special conditions:

1. Row-plantation shall be done all around the periphery of the lease area and dense plantation shall be carried out along the lease boundary towards the nallah.
2. Plantation in patches shall be carried out within the lease area selecting local species of tree plants having thick foliage.

3. Toilets (latrines) and appropriate shelter space for the female workers and small children shall be constructed at site.
4. PP shall co-ordinate the other mine operators and take-up the maintenance of the approach road on sharing basis.

The case was again dealt in the 188th SEAC Meeting dated 02/05/2015 Wherein based on the submissions made by the PP and the above report of sub-committee committee it was decided to recommend the case for **grant of prior EC** subject to the standard conditions and the conditions laid by the visiting sub-committee.

This case was sent back by SEIAA stating that the case be considered as B-1. The case was discussed in the 223rd SEAC Meeting dated 15/09/2015 to evaluate the issues raised by SEIAA. In this case it was observed that:-

1. Production of soil is very less.
2. Post mining land use is for agricultural usage only.
3. The consumption of fuel is also very less.
4. It is a very small lease area of 1.324 ha.

In view of above facts and the report of the site visit by SEAC, the committee stands by its earlier recommendations made in the 188th SEAC Meeting dated 02/05/2015 and recommend the case for **grant of prior EC** subject to the standard conditions and the conditions laid by the visiting sub-committee with following additional conditions:-

1. PP should provide fix chimney of appropriate height for brick making.
2. Only approved fuel should be used in the Kiln.

45. Case No. 2676/2014 Shri Shri Prabhat Kumar Pathak, Sr. Manager, M/s Dilip Buildcon Ltd., Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Prior Environment Clearance for approval of Chandanpura Boulder Quarry in an area of 4.00 ha. (2,00,000 cum/year) at Village-Chandanpura, Tehsil-Shivpuri, District-Shivpuri (MP).

This is a case of mining of bolder quarry and the application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Chandanpura, Tehsil-Shivpuri, District-Shivpuri (MP) in 4.00 ha. The proposed production capacity is 2,00,000 m³ / Year.

PP vides the letter no. 3907 dated 22/08/15 has requested for the withdrawal of the project. Since the PP is not interested to further continue with the PP, the case is hereby sent back to SEIAA for further necessary action.

- 46. Case No. 2679/2014 Shri Shri Prabhat Kumar Pathak, Sr. Manager, M/s Dilip Buildcon Ltd., Chuna Bhatti, Kolar Road, Bhopal (MP)-462016 Prior Environment Clearance for approval of Kakarwaya Boulder Quarry in an area of 4.00 ha. (2,00,000 cum/year) at Village-Kakarwaya, Tehsil-Shivpuri, District-Shivpuri (MP).**

This is a case of mining of bolder quarry and the application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *at* Village- Village-Kakarwaya, Tehsil-Shivpuri, District-Shivpuri (MP) *in* 4.00 ha. The proposed production capacity is 2, 00,000 m³ / Year.

PP vides the letter no. 3907 dated 22/08/15 has requested for the withdrawal of the project. Since the PP is not interested to further continue with the PP, the case is hereby sent back to SEIAA for further necessary action.

- 47. Case No. 3110/2014 Shri Satish Jat S/o Shri Ramesh Jat, 65, Saravsuvindh Nagar, Bicholi Road, Behind Jwala Mata Mandir, Indore (MP)-452016 Prior Environment Clearance for approval of Crusher Stone Quarry in an area of 3.00 ha. (18,000 cum/year) at Village-Matlabpura, Tehsil-Mhow, District-Indore (MP)**

This case was presented in the 207th. SEAC meeting dated 22/07/15 wherein it was observed that the co-ordinates mentioned in the Mining Plan appear to be incorrect hence the same has to be re-checked and submitted after due validation from the Mining Department.

Scrutiny of the case reveals that the PP has submitted the desired information i.e. co-ordinates duly approved by the mining officer. PP may be called for presentation for appraisal.

48. Case No. – 2239/2014 Smt. Sangeeta Sanodiya W/o Shri Suresh Kumar Sanodiya, Iswar Nagar Colony, Seoni (MP)-480661 Basalt Stone Quarry Lease Area –2.00 ha. at Khasra No. - 852, Village-Banki, Tehsil-Seoni, District- Seoni (MP) Capacity -6840 Cum/Year.

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. - 852, Village-Banki, Tehsil-Seoni, District- Seoni (MP)* in 2.00 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 and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 2692 dated 17/11/2014, that 01 more mine is operating / proposed within 500 meter radius around the said mine and total lease area is 1.07 Ha. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is proposed in the lease area.

The case was presented in 175th SEAC meeting dated 25/02/15 where in 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.

Again this case was discussed in the 175th SEAC meeting wherein it was observed that PP has submitted a copy of page of Mining Plan where corrections pertaining to fauna have been made. However, the same was not accepted by the committee as it was not approved by the Mining Department. Thus PP was asked to submit comments from DFO.

Scrutiny of the case reveals that the PP has submitted the requisite information i.e. revised mining plan approved by competent authority. Based on the information submitted by the PP committee recommended the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

1. Production of Stone not exceeding 6,840 m³/Year as per mine plan.

- 49. Case No. – 880/2012 M/S Laxmi Gour Marble (P) Ltd. R.M. Lohia Ward 8, Satyam Compound, Nadi paar Katni (M.P.) Environment Clearance for production of Mable (2340 cubic Meter/Year) for existing quarry (1.17 Ha) M/s. Laxmi Gour Marble (P) Ltd. at Village Chhapra, Tehsil – Bahoriband, Dist Katni (M.P.).**

It is a case for environment clearance for production of Marble (2340 cubic Meter/Year) for existing quarry (1.17 Ha) belongs to M/s. Laxmi Gour Marble (P) Ltd. at Village Chhapra, Tehsil ó Bahoriband, Dist Katni (M.P.). ToR was issued to PP on 10-01-13 and corrigendum for TOR also was issued on 10.04.15 for proposed production capacity in the TOR may be read as 2340 cum per year.

The validity of TOR was expired on 09-01-15 and the same was placed in the 213rd. SEAC meeting dated 08/08/15 and the case for recommended for delisting. SEIAA in its 235th. meeting dated 08/09/15 has forwarded the letter submitted by the PP on dated 03/09/15 for extension of TOR.

After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 09/01/16.

- 50. Case No. – 881/2012 M/S Laxmi Gour Marble (P) Ltd. R.M. Lohia Ward 8, Satyam Compound, Nadi paar Katni (M.P.) Environment Clearance for production of Mable (5072 cubic Meter/Year) for existing quarry (2.26 Ha) M/s. Laxmi Gour Marble (P) Ltd. at Village- Chhapra, Tehsil – Bahoriband, Dist Katni (M.P.).**

It is a case for environment clearance for production of Marble (5072 cubic Meter/Year) for existing quarry (2.26 Ha) M/s. Laxmi Gour Marble (P) Ltd. at Village- Chhapra, Tehsil ó Bahoriband, Dist Katni (M.P.). belongs to M/s. Laxmi Gour Marble (P) Ltd. at Village Chhapra, Tehsil ó Bahoriband, Dist Katni (M.P.).

ToR was issued to PP on 10-01-13 and the validity of TOR was expired on 09-01-15. The case was placed in the 213rd. SEAC meeting dated 08/08/15 which was for recommended for delisting. SEIAA in its 235th. meeting dated 08/09/15 has forwarded the letter submitted by the PP on dated 03/09/15 for extension of TOR.

After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 09/01/16.

51. Case No. – 1409/2013 M/S Lachchhilal & Sons, P.O.-Jaitwara, Distt. Satna (M.P.), PIN – 485221 Environmental Clearance for approval of 16.87 ha Sarima (Kothra- Kothar) Ochre & Laterite Mine In Village Kothra-Kothar, Tehsil Semaria, District- Rewa (Madhya Pradesh)

It is a case for Environmental Clearance for approval of 16.87 ha Sarima (Kothra-Kothar) Ochre & Laterite Mine In Village Kothra-Kothar, Tehsil Semaria, District- Rewa (Madhya Pradesh) belongs to M/S Lachchhilal & Sons, P.O.-Jaitwara, Distt. Satna (M.P.), PIN 485221.

ToR was issued to PP on 29-06-13 and the validity of TOR expired on 28-06-15. The case was placed in the 213rd. SEAC meeting dated 08/08/15 and was recommended for delisting. SEIAA in its 235th meeting dated 08/09/15 has forwarded the letter submitted by the PP on dated 03/09/15 for extension of TOR.

SEIAA in its 235th. meeting dated 08/09/15 has recorded that EIA report and other relevant documents has been received in SEIAA on 18/08/15 and same has been sent to SEAC on 27/08/15 for appraisal of the project.

After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 28/06/16.

52. Case No. – 2625/2015 Shri Bhupendra Singh Rao, GM, M/s Mine Corp India Pvt. Ltd., 14-A, Globus City, Kolar Road, Chuna Bhatti, Bhopal (M.P.)-462016 Sand Stone Quarry Lease Area - 3.00 ha., Capacity - 46,358 cum/year, at Village-Sunnd, Teh.-Raisen, Distt.- Raisen (M.P.).

This is case of Sand Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Sunnd, Teh.-Raisen, Distt.- Raisen (M.P.) 3.00 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 and DFO.

Concerned Mining Officer vide letter no. 729 dated: 29/7/15, has reported that there is 06 more mines operating or proposed within 500 meters around the said mine and total area 19.581 Ha including this mine.

The case was recommended in the 191st. SEAC meeting dated 07/05/15 for grant of EC. But SEIAA in its 206th. meeting dated 08/06/15 has observed that as per report of the mining officer, Raisen, a cluster of more than 25.00 ha is being formed in the area and thus case be considered as B-1 and accordingly TOR may be issued.

The case was placed in the 214th. meeting dated 20/08/15 for decision but from the available documents there was no clarity on cluster information. PP was therefore asked to submit a map of the area showing locations of various mines.

In response to query raised by SEAC, PP has submitted a reply on 09/09/15 enclosing a letter from mining officer issued on dated 29/07/15 stating that total area within 500 meters of the mine including this mine is 22.581 ha. After deliberations and considering the views of SEIAA & report of Mining officer, committee decided to carryout site visit by a sub-committee to ascertain the environmental sensitivity issues for further decision.

53. Case No. – 2576/2015 Shri Bhupendra Singh Rao, GM, M/s Mine Corp India Pvt. Ltd., 14-A, Globus City, Kolar Road, Chuna Bhatti, Bhopal (M.P.)-462016 Sand Stone Quarry Lease Area - 3.237 ha., Capacity - 60,622 cum/year, at Village-Sunnd, Teh.-Raisen, Distt.-Raisen (M.P.).

This is case of Sand Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Sunnd, Teh.-Raisen, Distt.-Raisen (M.P.) **3.237 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 and DFO. Concerned Mining Officer vide letter no. 727 dated: 29/7/15, has reported that there is 08 more mines operating or proposed within 500 meters around the said mine and total area 18.867 Ha.

The case was recommended in the 191st. SEAC meeting dated 07/05/15 for grant of EC. But SEIAA in its 206th. meeting dated 08/06/15 has observed that as per report of the mining officer, Raisen, a cluster of more than 25.00 ha is being formed in the area and thus case be considered as B-1 and accordingly TOR may be issued.

The case was placed in the 214th. meeting dated 20/08/15 for decision but from the available documents there was no clarity on cluster information. PP was therefore asked to submit a map of the area showing locations of various mines.

In response to query raised by SEAC, PP has submitted a reply on 09/09/15 enclosing a letter from mining officer issued on dated 29/07/15 stating that total area within 500 meters of the mine including this mine is 22.104 ha. After deliberations and considering the views of SEIAA & report of Mining officer, committee decided to carryout site visit by a sub-committee to ascertain the environmental sensitivity issues for further decision.

54. Case No. – 2624/2015 Shri Bhupendra Singh Rao, GM, M/s Mine Corp India Pvt. Ltd., 14-A, Globus City, Kolar Road, Chuna Bhatti, Bhopal (M.P.)- 462016 Sand Stone Quarry Lease Area - 3.950 ha., Capacity - 75,300 cum/year, at Village-Sunnd, Teh.-Raisen, Distt.- Raisen (M.P.).

This is case of Sand Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village-Sunnd, Teh.-Raisen, Distt.- Raisen (M.P.) **3.950 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 and DFO. Concerned Mining Officer vides letter no. 728 dated: 29/7/15, has reported that there is 06 more mines operating or proposed within 500 meters around the said mine and total area 16.845 Ha.

The case was recommended in the 191st. SEAC meeting dated 07/05/15 for grant of EC. But SEIAA in its 206th. meeting dated 08/06/15 has observed that as per report

of the mining officer, Raisen, a cluster of more than 25.00 ha is being formed in the area and thus case be considered as B-1 and accordingly TOR may be issued.

The case was placed in the 214th. meeting dated 20/08/15 for decision but from the available documents there was no clarity on cluster information. PP was therefore asked to submit a map of the area showing locations of various mines.

In response to query raised by SEAC, PP has submitted a reply on 09/09/15 enclosing a letter from mining officer issued on dated 29/07/15 stating that total area within 500 meters of the mine including this mine is 20.7950 ha. After deliberations and considering the views of SEIAA & report of Mining officer, committee decided to carryout site visit by a sub-committee to ascertain the environmental sensitivity issues for further decision.

55. Case No. – 3026/2015 Shri Sachin Agrawal, Partner, 48, Ramanand Nagar, Lalghati, Bhopal (M.P.)-462038 -proposed residential project "Alark Residency" at Khasra No.- 418, 420, 421, 423, 427 Vill.-Badwai, Teh.-Huzur, District-Bhopal (M.P.) Total Land Area- - 4.530 Acre, Total Built up Area- 25221.516 Sq.mt. For- Building Construction.

“ALARK RESIDENCY” is a group housing project proposed to be developed by Alark Builders and Developers in capital town of Madhya Pradesh - Bhopal on Ayodiya Bye Pass Highway. This Township is coming in 18300 Sq.mt.(4.53 Acres) of area. The proposed group housing residential project “Alark Residency” is located on a plot measuring 18300 sq.mt. (4.53 Acres) at Village: Badwai & Tehsil – Huzur, District-Bhopal (M.P.). The proposed site is a plain land devoid of any significant vegetation and undulation. It is located at khasra no: 418,420,421,423,427 on the outer fringe of Bhopal Town, about 8 km from Bhopal Railway Station.

Site Specific Details of ALARK Residency	
Particulars	Details
Location	Khasra No. 418,420,421,423,427, Village Badwai, Tehsil Huzur, District- Bhopal.
Type of Project	Building and large construction project.
Category	B- Type- 8(a)
Elevation (m)	505 m above mean sea level (MSL)
Coordinates ; Latitude and Longitude	Latitude 23° 18' 12.79" N Longitude 77° 22' 38.52" E
Current status of land	Residential Land use as per Letter No.BPLLU 1696 on dtd.06/09/2014, BPLLU 1797 on dtd. 06/09/2014, & BPLLU1798 on dtd. 12/09/2014 of Town & Country Planning
Type of facilities	Group Housing with basic amenities
Nearest Highway	Hoshangabad road (NH-12) (N)
Nearest railway station	Bhopal Junction Railway Station: 8 km
Nearest airport	Raja Bhoj International Airport, Bhopal – 4 km
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Biospheres Reserve, National Parks, Sanctuaries etc)	Van Vihar National Park is 10 km
Rivers/Lakes	Upper Lake: 12 km
Seismic zone	Seismic Zone-II as per BIS 2002 map.
Industrial Area	Govindpura Industrial Estate: 6 km

Defense installations	Cantt Area: 3 km
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Area Details

The proposed residential project is planned in a plot measuring 18300 sq.mt. (4.52 Acres) at Village: Badwai & Tehsil ó Huzur, District-Bhopal (M.P.).

AREA DETAILS

S.N	Land use	AREA IN SQM	%
1	Total scheme area	18300	100.00
2	Area Under 12.0 wide road	1849.00	10.10
3	Unorganized open area	7561.27	41.31
4	Proposed Stilt Parking space	5683.00	31.05
5	Proposed Service area (STP, Sump well, Transformer)	192.00	1.04
6	Proposed Park as open area at Ground Level	2116.11	11.56
7	Proposed area for Amenities- Club house ground coverage	278.87	1.52
8	Proposed area for Shopping	177.00	0.97
9	Proposed area for Slum Area	442.75	2.41

Area Statement of Layout

	Land use	AREA	IN	%
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STATE EXPERT APPRAISAL COMMITTEE
MINUTES OF 223rd MEETING

15/09/2015

S.N		SQM	
1	Total scheme area	18300	100.00
2	Area Under 12.0 wide road	1849.00	10.10
3	Unorganized open area	7561.27	41.31
4	Proposed Stilt Parking space	5683.00	31.05
5	Proposed Service area (STP, Sump well, Transformer)	192.00	1.04
6	Proposed Park as open area at Ground Level	2116.11	11.56
7	Proposed area for Amenities-Club house ground coverage	278.87	1.52
8	Proposed area for Shopping	177.00	0.97
9	Proposed area for Slum Area	442.75	2.41

Area Statement of Group Housing

S. No	Building	Floors	Ground coverage Area in sqm	Approximate Construction of Flats
1	Block A	G + 6	All Block (A+B+C+D) 5683.00	54
2	Block B	G + 6		90
3	Block C	G + 6		90 + 42 = 132

4	Block D	G + 6		96
5	Block F (EWS + LIG)	G+3	442.75	23 + 34 = 57
6	Club house		278.87	
7	Shopping	Ground	177.00	.

F.A.R. Details

Permissible F.A.R. On Net Planning Area	16479.213 * 1.25	20599.015 SQM
Permissible F.A.R. On Area Under 12.00 M. wide Road	1849.00*1.25*2	4622.5 SQM
Total Permissible F.A.R. On Plot Area		25221.516 SQM
Total Permissible F.A.R. Achieved On Plot Area		25221.516 SQM

Area Statement of EWS Building

Block F (EWS + LIG)	G+3	442.75	23 + 34
Club house	G+2	278.87	
Shopping	Ground	177.00	.

Built up Statement

Total Permissible F.A.R. On Plot Area	25221.516 SQM
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Total Permissible F.A.R. Achieved On Plot Area	25221.516 SQM
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Water Detail for Proposed project

The Main source of water supply will be Municipal Water Supply. It will cater the domestic requirement whereas additional water requirement will be fulfilled by treated water from STP.

S.NO.	Item Description	Requirement (KLD)
1.	Domestic Water Requirement	119.1
2.	Flushing Water Requirement	66.9
3.	Landscaping & other use	Recycled water
4.	Total Water Demand	186
5.	STP Capacity	160

Sewage Treatment Plant

It is proposal to provide a captive sewage treatment of the entire domestic and flushing waste generated in the apartment. It is suggested that the S.T.P. shall be based on MBBR which will provide high efficiency plant, meeting the treated water characterization as per the state pollution control norms. The main feature of the plant shall comprise of perforated screen chamber, oil and grease chamber, equalization tank, MBBR Tank, Secondary tube settler, Sludge, sludge dry bed, Chlorine contact tank, activated carbon filter, treated effluent storage tank, sludge storage sump etc.

It is proposed to install sewage treatment plant of capacity 160 KLD for project area. The treated water from residential area reused for flushing, Horticulture and other purposes.

SOLID WASTE CALCULATION

Break-up of expected generation of Municipal Solid Waste (MSW) from the project is given below:

<i>Population of project area</i>		<i>*MSW Generation Mt./day</i>
Permanent Population (fully occupied operational phase)	2104	1.102
Floating Population @ 5%	107	0.001
Total		1.1031

The case has been carry forwarded from the 206th Meeting dated 21/07/2015. The case was deferred by the committee in the earlier meeting for want of a copy of application made to NBWL for WL Clearance. The project was reported to be within 10 Km from the Van Vihar National Park which is a notified PA. A copy of the requisite application was later submitted by the PP.

The project pertains to development of township in a plot area of 4.530 Acre with a total built-up area of 25221.516 m². By virtue of size of the project it falls under Category B-2, item 8 (a) of the schedule of the EIA Notification hence requires prior EC from SEIAA. Application for grant of EC was forwarded by SEIAA to SEAC for appraisal. The case was presented by the PP and their Architect in this meeting.

The case was presented in 207th. SEAC meeting dated 22/07/15 wherein after deliberations PP was asked to submit response for the following queries:

1. Disposal plan for the excess treated waste water.
2. Details of rain-water harvesting plan with specifications of the same.

3. Details of the tertiary treatment of sewage. Back-wash from sand-filters and activated carbon-filter if provided will be put back to the STP for treatment. Proposal in this regard to be furnished.
4. Disposal plan for the STP sludge along with the revised line diagram depicting the concept of treatment and recycling / disposal of treated waste water and sludge.
5. It was observed that about 2.4 MT of MSW is expected to generate from the project during operational phase; storage area for the same so as to store the MSW for 48 hours to be provided with revised location on the lay out.
6. Details of the corpus fund for execution of the proposed EMP and STP O/M.

PP has submitted response to the above queries and the same was placed before the committee for scrutiny and necessary comments. The submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 119.1 KLD.
2. The excess treated water will be use for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tree plants of large canopy. Green area at the site will be maintained by the project proponents, which would have an overall cooling effect on the surroundings
4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Installation of solar photovoltaic cells for street lighting system should be provided.
8. Corpus-fund should be exclusively used for the EMP.
9. MSW storage area should have 48 hours storage capacity.
10. PP will obtain other necessary clearances/NOC.
11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche

etc. The housing may be in the form of temporary structure to be removed after completion of the period.

Discussion on the site visit reports

- 56. Case No. – 2805/2015 Shri S.C. Mathur, Vice President, M/s Vista Organics (P) Ltd., Plot No. 06, New Industrial Area Phase-II Mandideep, District-Raisen (MP)-462046 Prior Environment Clearance for proposed Manufacturing of bulk drugs Vitamins and Intermediate) expansion of existing unit at Village-New Industrial Area Phase-II Mandideep, Tehsil-Raisen, District- Raisen (MP)**

This is a case of Manufacturing of bulk drugs Vitamins and Intermediate. The application was forwarded by SEIAA to SEAC for prior Environment Clearance for proposed Manufacturing of bulk drugs Vitamins and Intermediate) expansion of existing unit at Plot No. 06, New Industrial Area- Phase-II Mandideep, District- Raisen (MP).

The proposed site is located at Plot No. 06, New Industrial Area Phase-II Mandideep, District- Raisen. The project requires prior EC for expansion of existing unit before commencement of any activity at site.

The case was presented in 198th.SEAC meeting dated 04/06/15 for the approval of proposed TOR. During deliberation and as per the information submitted by the PP in the application, it was noticed that this unit has already undergone an expansion in the year 2008 and 2014 respectively without obtaining EC which constitutes the violation of EIA Notification, 2006 and thus credible action has to be initiated as per the provisions of OM dated 12/12/2012 issued by MoEF&CC, Delhi. In the light of above facts, the case is sent back to SEIAA for onward necessary action.

This case was presented in 217th SEIAA meeting wherein it was decided to verify after a site visit whether PP has already made expansion in the plant by way of

installing machinery etc. as per the submissions made by the PP. Once the validation is done, SEAC may send the recommendation to SEIAA for credible action.

As decided, Shri K. P. Nyati, member SEAC, visited the site on 27/08/15 and after inspection PP was asked to provide following details since 1994:

1. Details with justification of equipments installed in the plant after 1994.
2. Product wise details of raw material consumption since 1994.
3. Product wise details since 1994.
4. Copies of all consent orders issued by M.P. Pollution Control Board.

PP was asked to submit above information at the earliest for further consideration of the project.

Corrigendum on cases recommended for EC to SEIAA by SEAC

- 57. Case No. – 3373/2015 Shri Nitish Arjaria, M/s Khajuraho Stones (India) Pvt. Ltd., 6th Km Sagar Road, Dhadari, P.O. & District-Chhatarpur (MP)-471001 Prior Environment Clearance for approval of Stone Quarry in an area of 5.25 ha. (1,00,000 cum/year) at Village-Dikoli Chakra-2, Tehsil-Tikamgarh, District-Tikamgarh (MP).**

The case was appraised in 219th. SEAC meeting dated 25/08/15 and was recommended for the grant of EC. Following mistake was observed due to typographical error:-

“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 and DFO. Concerned Mining Officer vides letter no. 433 dated: 3/6/15, has reported that there is 03 more mines operating or proposed within 500 meters around the said mine”.

On examination of application and documents submitted by the PP, it was found that there are no mines in 500 meters around the mine. Thus above should paragraph of the minutes be substituted as follows:-

øPP 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 and DFO. Concerned Mining Officer vides letter no. 433 dated: 3/6/15, has reported that there is no mine operating or proposed within 500 meters around the said mineö.

58. Case No. – 3374/2015 Shri Nitish Arjaria, M/s Khajuraho Stones (India) Pvt. Ltd., 6th Km Sagar Road, Dhadari, P.O. & District-Chhatarpur (MP)-471001 Prior Environment Clearance for approval of Stone Quarry in an area of 5.88 ha. (1,00,000 cum/year) at Village-Dikoli Chakra-2, Tehsil-Tikamgarh, District-Tikamgarh (MP) [3840]

The case was appraised in 219th. SEAC meeting dated 25/08/15 and was recommended for the grant of EC. Following mistake was observed due to typographical error:-

“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 and DFO. Concerned Mining Officer vides letter no. 432 dated: 3/6/15, has reported that there is 03 more mines operating or proposed within 500 meters around the said mine”.

On examination of application and documents submitted by the PP, it was found that there are no mines in 500 meters around the mine. Thus above should paragraph of the minutes be substituted as follows:-

øPP 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 and DFO. Concerned Mining Officer vides letter no. 432 dated: 3/6/15, has reported that there is no mine operating or proposed within 500 meters around the said mineö.

(R. B. LAL)

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/Murum 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. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. 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.
13. Established water conveyance channels should not be relocated, straightened, or modified.
14. 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.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. EC will be valid for mine lease period subject to a ceiling of 5 years.