

The 230<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 26/10/2015 under the Chairmanship of Dr R.B. Lal for discussion on the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. U. R. Singh, member
2. Dr. Manoj Pradhan, member
3. Shri. M. P. Singh, member
4. Dr. Srinivasan Krishnan Iyer

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

1. **Case No. – 2726/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Dimawar River Sand Quarry Lease Area - 2.00 ha., Capacity - 58,000 cum/year, at Khasra No. – 107, Vill.-Dimawar, Teh.-Seoni Malwa, District-Hoshangabad (MP)**

This is case of **Dimawar River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra Nos. - 107, Vill.-Dimawar, Teh.-Seoni Malwa, District-Hoshangabad (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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification.

As per above list the 09 mines are in the cluster and total area-118.810 ha including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.-

Sl.No.	Name of lease holder	Mine	Khasra	Area of
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		Village Name	No.	lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Babri	137/1	4.000
2.		Babri-1	137/1	14.000
3.		Babri-2	137/1	14.000
4.		Dimawar	107	02.000
5.		Dimawar-1	107	12.500
6.		Dimawar-2	107	12.500
7.		Babri	363/1	04.000
8.		Babri	361/1	20.500
9.		Janjana	243	12.140
		Total		118.810

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity of cluster, transportation and other related issues.

**2. Case No. – 2728/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Gwadikala River Sand Quarry Lease Area - 4.00 ha., Capacity - 1,15,000 cum/year,) at Khasra No. – 108, Vill.-Gwadikala, Teh.-Itarsi, District-Hoshangabad (M.P.)**

This is case of **Gwadikala River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 108, Vill.-Gwadikala, Teh.-Itarsi, District-Hoshangabad (M.P.) 4.00 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.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification.

As per above list the 08 mines are in the cluster and total area-100.285 ha. including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl.No.	Name of lease holder	Mine name	village	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Rajon		181	4.000
2.		Rajon		181/1	0.405
3.		Rajon		181/1	17.500
4.		Rajon		181/1	17.500
5.		Gujarwada		167/1	20.242
6.		Guwadikalan-1		108	22.500
7.		Guwadikalan-2		108	18.543
8.		Guwadikalan		108	04.000
		Total			100.285

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.

2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity of cluster, transportation and other related issues.
3. A habitation is in close vicinity and possible impacts & mitigation measures be addressed in EIA.

**3. Case No. – 2924/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.)-461001. Jhalar Seth River Sand Quarry Lease Area - 5.00 Ha., Capacity - 1,50,000 cum/year, at Vill.-Jhalar Seth, Teh.-Babai, District-Hoshangabad (M.P.)**

This is case of **Jhalar Seth River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 92/1, 93/3, 94/1, at Vill.-Jhalar Seth, Teh.-Babai, District-Hoshangabad (M.P.) 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.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification.

As per above list the 54 mines are in the cluster and total Area-731.791 ha. including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl.No.	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation,	Raipur -1	126	12.673
2.		Raipur -2	126	11.000
3.		Raipur -3	126	10.000

4.	Hoshangabad	Raipur -4	126	10.555
5.		Raipur -5	126	10.000
6.		Raipur -6	126	10.555
7.		Raipur -7	126	10.000
8.		Raipur -8	126	10.555
9.		Raipur -9	126	10.000
10.		Raipur -10	126	10.555
11		Raipur -11	126	10.000
12		Raipur - 12,13,14	126	31.110
13		Raipur -15	126	10.000
14		Raipur -16	126	10.555
15		Raipur -17	126	10.000
16		Raipur - 18,19,20	126	31.110
17		Raipur- 21,22,23	126	30.555
18		Raipur-24	126	10.555
19		Raipur-25	126	10.000
20		Raipur-26	126	10.555
21		Raipur-27	126	10.000
22		Raipur-28	126	10.555
23		Raipur-29	126	10.000
24		Raipur-30	126	10.558
25		Jasalpur	691/1	10.000
26		Nimsadia	1169/1	04.000
27		Nimsadia-1	1163	20.243
28		Nimsadia-2	1163	20.243
29		Devlakhedi	60	12.145
30		Mehraghat- 01,02,03	365	34.965
31		Mehraghat- 04,05,06	365	34.965
32		Mehraghat- 07,08,09	365	34.965
33		Mehraghat-10	365	11.655
34		Horipippar	226	19.746
35		Horipippar-A	153	09.400

36		Horipippar-B	153	09.400
37		Horipippar-C	153	09.400
38		Pilikarar	01	05.000
39		Jhakarseth	92/2,93/3,94/1	05.000
40		Chaplasar	01	05.000
41		Balabhainth	01/01	05.000
42		Manwada	202/2	20.242
43		Anchalkhega-1	87/2	10.000
44		Anchalkhega-2	87/2	10.000
45		Anchalkhega-3	87/2	10.000
46		Anchalkhega-4	87/2	10.486
47		Anchalkhega	87/2	15.490
48		Suakhedi	01/01	15.000
49		Pawarkheda	01/01	17.000
50		Pawarkheda	01/01	23.000
51		Pawarkheda	01/01	18.000
52		Pawarkheda	01/01	24.000
53		Pawarkheda	01/01	15.000
54		Pawarkheda	01/01	15.000
				731.791

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity of cluster, transportation and other related issues.
3. The DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone submitted by PP is of 5.00 K.M, distance. The PP is required to submit certificate for a distance of 10 Km.

4. **Case No. 3354/15 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi,**

**Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Lachoura River Sand Quarry in an area of 10.00 ha. (2,00,000 cum/year) at Khasra No. 1/1 at Vill.-Lachoura, Teh.-Tunarni, District-Harda (MP)**

This is case of **Lachoura River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1/1 at Vill.-Lachoura, Teh.-Tunarni, District-Harda (MP) 10.00 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 vides letter no.8828, dated: 29/07/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

During deliberations, PP informed that they have reduced the production capacity and a revised mining plan duly approved by the mining department has been submitted to the SEIAA. Committee decided that case may be considered only after receiving the revised application and mining plan from SEIAA.

5. **Case No. – 2724/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Babri Sand Quarry Lease Area - 4.00 ha., Capacity - 1,10,000 cum/year, at Khasra No. -363/1 (Part) Vill.-Babri, Teh.-Nasrullaganj, District-Sehore (M.P.)**

The case had already been considered in 229th SEAC meeting held on 1/10/15 and the TOR was issued for EIA.

6. **Case No. – 2759/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Satdev River Sand Quarry Lease Area- 4.00 ha., Capacity - ,, Capacity-1,15,000 cum/year, at Khasra No. – 814/287, Vill.-Satdev, Teh.-Nasrullaganj, District - Sehore (M.P.)**

The case had already been considered in 229th SEAC meeting held on 1/10/15 and the TOR was issued for EIA.

7. **Case No. 3698/15 Shri Hakim Singh Rawat R/o 332, Khdicha, Village-Khdicha, District-Shivpuri (MP)-473551. Prior Environment Clearance for approval of Sand Quarry in an area of 10.693 ha. (32,079 cum/year) at Khasra No. 1417, 1419, 1420, 1451 at Village-Orina, Tehsil-Badoni, District-Datia (MP)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1417, 1419, 1420, 1451 at Village-Orina, Tehsil-Badoni, District-Datia (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 1000 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. 323 dated: 11/06/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

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

1. Production of Sand shall be as per the approved mining plan not exceeding 32,079 cum / Year.
2. Evacuation of sand should be from the left bank.
3. An island is forming in the ML area thus during evacuation it should be ensured that active water channel is not disturbed.

8. **Case No. 3704/15 M/s Amit Raghuwanshi, 337, Ward No. 15, Dayanand, District-Shivpuri (MP)-473551. Prior Environment Clearance for approval of Sand Mine in an area of 24.400 ha. (2,40,000 cum/year) at Khasra No. 410 at Village-Niwsairidiya, Tehsil-Roun, District-Bhind (MP).**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 410 at Village-Niwsairidiya,



Tehsil-Roun, District-Bhind (MP) 24.400 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.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification.

As per above list the 18 mines are in the cluster and total Area-272.80 ha. including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl.No	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Gwalior	Kaoundh ki Madiyan-A	1	16.120
2.		Kaoundh ki Madiyan-B	274	13.340
3.		Kaoundh ki Madiyan-C	500	13.940
4.		Niwasi Ridiya-A	1,2,9,371,372	20.140
5.		Niwasi Ridiya-B	410	24.400
6.		Niwasi Ridiya-C	410	02.000
7.		Niwasi-A	534	19.860
8.		Niwasi-B	534	19.000
9.		Niwasi-C	534	19.000
10		Dahema-A	1	24.000
11		Dahema-B	1,2,181	12.750
12		Dahema-C	181	24.730
13		Kherouli	546,850	19.000
14		Gouram	147,214,731,495	07.780
15		Sadha	801	05.000
16		Bharouli Khurd	3349,3350,3355,3402,3403,3405,	

17		Gouram-1420	1420	10.000
18		Bharouli Kala	1413,2278,3435	11.170
		TOTAL		272.80

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity of cluster, transportation and other related issues.
3. A habitation is in close vicinity and possible impacts & mitigation measures be addressed in EIA.

9. **Case No. 3441/15 Shri Adarsh Chaturvedi (Prop.), M/s Gurukripa Stone Crusher, Sub Lessee of M.P. State Mining Corporation Ltd., Katni Road, Infront Jain, Petrol Pump, Maihar (MP)-483501. Prior Environment Clearance for Sand Mining in an area of 13.350 ha. (1,10,000 cum/year) at Khasra No.-319, 415, Vill.-Chindai Pipariya, Teh.-Barhi, Dist-Katni (MP)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-319, 415, Vill.-Chindai Pipariya, Teh.-Barhi, Dist-Katni (MP) . 13.350 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. 4040, dated: 26/9/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

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

1. Production of Sand shall be as per the approved mining plan not exceeding 1,10,000 cum / Year.

10. **Case No. 3443/15 Shri Sanjeev Kumar Suri, Sub Lessee of M.P. State Mining Corporation Ltd., 70, Suri Gali, Railway Quarter, Katni (MP)-483501 . Prior Environment Clearance for Sand Mining in an area of 11.380 ha. (1,10,000 cum/year) at Khasra No.-562, Vill.-Pathwari, Teh.-Badwara, Dist-Katni (MP).**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-562, Vill.-Pathwari, Teh.-Badwara, Dist-Katni (MP) 11.380 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. 2847, dated: 31/7/2015, has reported that there is 01 more mines operating or proposed within 1000 meters around the said mine and Total Area-15.380ha.

During scrutiny of documents it was observed that

1. In Form-1, name of applicant has been shown as Shri Sanjeev Kumar Suria and and M. P. State Corporation as sub-lessee. It is most unlikely that M. P. State Corporation can be sub-lessee.
2. It is also observed that evacuation road is passing through two villages and no other alternate evacuation route is available.
3. Gram sabah has also taken objection to the mining in this area and has not recommended this case in their meeting dated 27/06/2015.

In view of above, the case is not recommended for grant of EC.

11. **Case No. 3507/15 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001 .Prior Environment Clearance for approval of River Sand Mine in an area of 4.00 ha. (1,10,000 cum/year) at Khasra No.-37/1, Vill.-Guwadi, Teh.-Seoni Malwa, District-Hoshangabad (MP).**

This is case of **River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-37/1, Vill.-Guwadi,

Teh.-Seoni Malwa, District-Hoshangabad (MP) 4.00 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.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification.

As per above list the 03 mines are in the cluster and total area-29.590 ha. including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl. No.	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Guwadi	37/1	4.000
2.		Guwadi-1	37/1	12.795
3.		Guwadi-2	37/1	12.795
		<b>TOTAL</b>		<b>29.590</b>

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity of cluster, transportation and other related issues.

12. Case No. 3503/15 Shri Kailash Chandra Gupta, M/s Sainik Foods Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., H.I.G.G.D-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (UP)-461661 .Prior Environment Clearance for approval of Sand Mine in an area of 11.00 ha. (2,20,000 cum/year) at Khasra No.-1/1, Vill.-Ramgarh, Teh.-Seoni Malwa, District-Hoshangabad (MP).

This is case of **Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Vill.-Ramgarh, Teh.-Seoni Malwa, District-Hoshangabad (MP) 11.00 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. 2532, dated: 19/6/2015, has reported that there is one more mine operating or proposed within 1000 meters around the said mine and the total area including this mine is 22.00 ha.

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

1. Production of Sand shall be as per the approved mining plan not exceeding 2,20,000 cum / Year.

13. 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, Vill.-Narela Shankari, Teh.-Huzur, District-Bhopal (M.P.) Total Plot Area- 36.80 Acre, Total Built up Area- 68478.06 Sq. mt.

This is case of **Residential Project "Ayodhya Phase-V Part-II"**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located Khasra No. ó 113/1, 113/1/2, 122, 125, 130, 129, 131, 133, 134, 348/136, 324/136, Vill.-Narela Shankari, Teh.-Huzur, District-Bhopal (M.P.) Total Plot Area- 36.80

Acre, Total Built up Area- 68478.06 Sq. mt. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 196<sup>th</sup>. 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 appeared that this is an expansion of an existing township project. A clarification on the issue was ,therefore, sought from the Commissioner Housing Board. Accordingly, the PP had submitted revised application mentioning the facts.

The case was placed for discussion in 223<sup>rd</sup> SEAC committee meeting held on 15/09/15 wherein it was informed 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.

The case was presented by the PP and their consultant. After presentation and deliberation, it was decided to issue standard TOR prescribed by MoEF&CC as in a similler project of the PP at the adjescent site, the TOR was issued for conducting EIA vide 192<sup>th</sup> meeting of SEAC dated 08/05/2015 with following additional TOR:

1. Explore the possibility of treatment of sewage from built-up projects constructed prior to 2006 notification and include in the same T&CP approval.
2. Explore the measures for conservation of water even in the existing built up projects of same T&CP approval.
3. Concept and design of STP has to be finalized and presented.
4. Plantation scheme with provision of double row peripheral plantation to be furnished.

14. **Case No. 3226/15 Shri C.P. Sharma, Executive Engineer, M.P. State Cooperative Housing Federation, Sahkar Bhawan, 3rd Floor, North T.T. Nagar, Bhopal-462003 (MP). Prior Environment Clearance for approval of proposed Multistoried Residential Complex Scheme for MLAs & MPs total Plot**

**Area-24938.0 Sqm., Build up Area-49815.89 sq.m. Khasra No.-1/2, Vill.- Siddiqpur, Teh.-Huzur, District-Bhopal (MP).**

This is a building construction project comprising development of a Multistoried Residential Complex Scheme for MLAs & MPs total Plot Area-24938.0 Sqm., Build up Area-49815.89 sq.m. Khasra No.-1/2, Village -Siddiqpur, Tehsil-Huzur, District-Bhopal (MP).

The case was placed for discussion in SEAC committee meeting no.217 dated 23/08/15 wherein It was observed that the project site is approx. 6.0 Km from the Van Vihar National Park (a Notified PA) Clearance from NBWL is therefore needed. A copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case. It was decided to defer the case till receipt of the same.

PP vides their letter no. AWS/Tech./2015/701, Bhopal dated 04/09/2015 has informed that they have filed an application for wild life clearance to the competent authority and enclosed the copy of the same. This was also placed before this SEAC meeting.

The case was presented by the PP and their consultant and after deliberations PP was asked to submit:-

1. Justification for calculating for water demand at 86 LPCD along with the facilities proposed/measures taken in the project for water conservation or else water requirement be recalculated. If water demand is proposed to be enhanced from 86 LPCD, suitably the criteria for STP designing be revised.
2. Revised layout for fire tenders movement after leaving adequate space for peripheral plantation be submitted.
3. Plantation scheme be revised to provide for planting of 40 additional trees in the campus over and above peripheral plantation.

15. **Case No. – 1641/2013 Shri Prabhakar Mishra (Owner) 336/14, Civil Line Road, Tikamgarh, Distt.- Tikamgarh (M.P.) – 472001. Nandanwara Pyrophyllite and Diaspore Ore Mines Lease Area – 8.640 ha., at Khasra No.- Part of 1,3 and 10, Vill.- - Nandanwara, Teh.- – Mohangarh (Jatara), Distt. – Tikamgarh (M.P.) Capacity – 7000 - TPA., TOR (134) issued Letter no. 654 dt. 20/08/2013.**

This is case of **Nandanwara Pyrophyllite and Diaspore Ore Mines**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- Part of 1,3 and 10, Vill.- - Nandanwara, Teh.- ó Mohangarh (Jatara), Distt. ó Tikamgarh (M.P.) 8.640 Ha. The project requires prior EC before commencement of any activity at site.

Proposed Capacity	7000TPA
Promoters of the Project	Shri Prabhakar Mishra, 336/14, Civil Line Road, Tikamgarh Dist. :Tikamgarh (MP) - 472001
Location of Project	Village- Nandanwara, Tehsil- Mohangarh, District - Tikamgarh, M.P.
Occupancy of land	Govt. Waste Land
Lease Period	20 Year
Altitude of Site	340-300m RL
Khasra no.	Part of 1, 3 and 10

**Environmental setting of the project**

Quarry Area	8.640 ha
Geological Location	Latitude ó 25 <sup>0</sup> 04'46.43" Longitude-78 <sup>0</sup> 45'0.55"



Nearest City	Tikamgarh 38km	-	
Nearest Railway Station	Jhansi Railway station Km	- 50	
Nearest Airport	Gwalior 200 Km	-	
Nearest State Highway	Digaura ó Jeora Mora SH 4.5km	- E	-
Nearest Village	Shankargarh 0.35km	- S	-
Reserved Forest	Mohangarh RF 6.0km	- SSE	-
	Baragi RF 9.0km	- W	-
	Birorakhet RF 9.0km	- N	-
	Nandanwara PF 0.40km	- SW	-
River/Nalla/Canal	Baragi Nadi 1.5km	- N	ó
	Nandanwara Tal 0.550km	ó E	-
	Barana Tal 7.75km	ó E	-
	Kumheri Tal	- SW	-

	5.0km Canal 0.25km	-	W	-
Other quarry within 500 meter radius	One			

**Feature of the quarry**

<b>Particulars</b>	<b>Details</b>
Type of Quarry & Method	Open Cast & manual method
Quarry Area	8.64ha
Mineable Area	1.295ha
Existing Pits	0.4321ha
Existing Dumps	0.0525 ha
Infrastructure and road	0.008 ha
Mineral Storage/sub-grade	Nil
Plantation	Nil
Recoverable Reserve	53317 T
Proposed Capacity	7,000 T
Ultimate Pit Slope	45°
Expected Life of Mine	11 years

Ultimate Depth of Mining	8m bgl (upto 292mRL)
Average mRL	340-300m
Ground water table	
Monsoon period	15m bgl (285m RL)
Dry month	20m bgl (280m RL)

**Conceptual plan**

<b>Items</b>	<b>Existing</b>	<b>Conceptual period</b>
<b>Total quarry area</b>	<b>8.64ha</b>	
Mineable area	1.295ha	
Ultimate depth of mining	8mbgl (292mRL)	8mbgl (292mRL)
Ultimate pit slope	45°	45°
Area under dumps	0.0525ha	Nil
Area under pits	0.4321 ha	1.2688ha
Overburden quantity	2050 cum	168000 cum
Area to be reclaimed	Nil	1.24ha
Infrastructure & Road	0.008 ha	0.010ha
Plantation	Nil	3.0ha

Mining method

- Opencast manual method of mining has been carried out and same will continue.
- Proposed mining will be carried out in northern part of Block-B.
- During the proposal period mining will be carried out in existing pit -H and pit-I with systematic benches.
- Simultaneously backfilling is proposed from 1<sup>st</sup> year onward at exhausted pit by using of existing and proposed waste.

The case was presented by the PP in 134<sup>th</sup> SEAC meeting dated 03/06/2013 for TOR and after deliberations committee approved the 'TORs' with inclusion of following points to carry out EIA study and prepare EMP:

- The mine site is observed to be on a hillock; hence plan has to be furnished for protection of nearby field, roads and other features from the materials which may fall from the hill while executing mining activity.
- Provision of garland drains to be furnished along all the benches.
- A Reservoir (Nandanwara Taal) is reported close to the site; baseline data of the reservoir has to be furnished with respect to its quality, water-use, in-take points and other relevant attributes.
- Provision of pre-settling tank of adequate retention period and other measures planned to protect the nearby water body have to be dealt in the report elaborately.
- Mine-water shall be analyzed for colour characteristic and heavy presence of heavy metals (if any)
- The road along the base of the hillock is likely to have adverse impact due to mining activities mitigation plan in this regard has to be furnished.
- Other standard TOR shall also be applicable.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

16. Case No. – 2308/14 Shri Ashok Kumar Rajpoot, Prop., M/s Siddh Stone Crusher, Village-Nayakheda, Tehsil-Datiya, District-Datiya (MP)-475661.

**Prior Environment Clearance for approval of proposed Basalt Stone Quarry in an area of 2.00 ha. at Village-Nayakheda, Tehsil-Datiya, District-Datiya (MP).**

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 2550, at Village-Nayakheda, Tehsil-Datiya, District-Datiya (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. Concerned Mining Officer vide letter no.69, dated: 13/03/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

After deliberations committee observed that in chapter -04 of the mine plan, it is mentioned that the lease area has already been mined out in the south-central side. However, the same has not been reflected in surface plan. Thus PP was asked to submit the revised surface plan duly approved by the Mining department.

**17. Case No. - 732/2012 Shri Brijesh Kumar Sharma, C/o Kamla Stone Crusher , C-105, Govindpui, Gwalior, Mau Metal Stone, 2.0 at Village - Mau, Dist – Gwalior (M.P.)**

This is case of Metal Stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 418, Village - Mau, Dist ó Gwalior (M.P.) 2.00 Ha with capacity 20,000 cum/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 vides letter no.218 dated: 13/04/15, has reported that there are three more mines operating or proposed within 500 meters around the said mine and total area including this mine is 14.800 ha. The DFO vide his letter dated 19/06/15 has reported that õSon Chiraiya Abhayaranö is 09 Kms away from the mine. PP vides his letter dated 05/10/2015 has submitted a copy of online application submitted to the competent authority for wild Life clearance.

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

1. Production of Stone shall be as per the approved mining plan not exceeding 20,000 cum / Year.
2. Necessary wild life clearance from NBWL shall be obtained.

**18. Case No. - 2417/2015 Shri Amit Kumar, 99, APR Colony, Bilhari, Jabalpur (M.P.)-482020. Stone Quarry Lease Area - 1.80 ha., Capacity - 8,550 cum/year) at Vill.-Badhaiya Kheda, Th.-Jabalpur, Distt.-Jabalpur (M.P.).**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 27, 28, at at Vill.-Badhaiya Kheda, Th.-Jabalpur, Distt.-Jabalpur (M.P.) 1.80 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.1730, dated: 17/09/2014, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine, and total Area-5.14 ha.

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

1. Production of Stone shall be as per the approved mining plan not exceeding 8,550 cum / Year.

**19. Case No. - 2444/15 Shri Sandeep Jain Mandsores S/o Shri Abhay Kumar Jain, 8/A, Dashera Maidan, Th.- & Distt.-Ujjain (M.P.). Basalt Stone Quarry Lease Area - 1.00 ha., Capacity-5,700 cum/year) at Vill.-Manpura, Th.-Sitamau, Dist-Mandsaur (M.P.)**

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra Nos.- 118/2, Vill.- Manpura, Th.-Sitamau, Dist-Mandsaur (M.P.) 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. 2383 dated: 17/11/2014, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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

1. Production of Stone shall be as per the approved mining plan not exceeding 5,700 cum / Year.
2. A school building in close proximity for which control blasting be done.
3. Thick plantation should be carried out towards school building side to act as a barrier.

20. **Case No.- 2489/2015 Shri Sandeep Jain, 8/A Dasherai Maidan, Distt-Ujjain (M.P.). Basalt Stone Quarry Lease Area - 1.00 ha.,Capacity- 5700 cum/year at Khasra No.-143, 144, 145 & 183 ,Vill.- Chakjairampur, Th.-Ujjain, Distt-Ujjain (M.P.)**

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-143, 144, 145 & 183, Vill.- Chakjairampur, Th.-Ujjain, Distt-Ujjain (M.P.)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 vides letter no. 533, dated: 23/9/2015, has reported that there is 09 more mines operating or proposed within 500 meters around the said mine and Total Area-12.540ha.

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

1. Production of Stone shall be as per the approved mining plan not exceeding 5,700 cum / Year.

21. **Case No.- 2535/2015 Shri Sachin Patni S/o Shri Prakash Chandra Patni, 105, Chota Bajar, Unhel, Th.-Nagda, Ujjain (M.P.)-456313. Stone Quarry Lease Area - 1.00 ha., Capacity- 3,000 cum/year) at Vill.-Akya Najik, Th.-Nagda, Dist-Ujjain (M.P.)**

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-508 at Vill.-Akya Najik, Th.-Nagda, Dist-Ujjain (M.P.) . 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. 2088 dated: 6/8/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

22. **Case No.- 2543/2015 Shri Raja Saraogi (-Shri Raj Kumar Saraogi), Prop., M/s Rewanchal Stone Crusher, Town & Th.-Budhar, Shahdol (M.P.)-484110. Basalt Stone Quarry Lease Area - 2.00 ha., Capacity- 7,350 cum/year at Khasra no.-1506, Vill.-Navalpur, Th.-Sohagpur, Dist-Shahdol (M.P.)**



This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.- 1506, Vill.-Navalpur, Th.-Sohagpur, Dist-Shahdol (M.P.) 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. 4040, dated: 26/9/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

After presentation and deliberations it was observed that the forest NOC has been issued by the Sub Divisional Forest Officer. Thus PP was asked to submit certificate from the DFO within 15 days.

23. **Case No. – 2570/2015 Smt. Radha Shukla W/o Shri Vinod Shukla, Near Shubhash School, Seoni (M.P.)-480661. Basalt Stone Quarry Lease Area - 1.50 ha., Capacity - 8,550 cum/year, at Vill.-Gangerua, Teh.-Seoni, Distt.-Seoni (M.P.)**

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-432/1, at Vill.-Gangerua, Teh.-Seoni, Distt.-Seoni (M.P.) 1.50 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. 458, dated: 26/3/2015, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and Total Area-4.40ha.

After presentation and deliberations it was observed that

1. The surface plan is not signed by the Mining Authority.
2. With the given co-ordinated, the ML area falls in the agricultural field.

PP was asked to get the co-ordinates verified from the mining officer/competent authority and get the surface plan signed by the mining department.

24. **Case No. – 2588/2015 Mr. Rajesh Talati, Director, M/s Mars Durobuild Pvt. Ltd., 103, Chhota Bangarda, Near National Public School, Teh. & Distt. - Indore-462006 (M.P.). Prior Environment Clearance for proposed residential project "Ahinsa Residency & Villas" of M/s MARS DUROBUILD Pvt. Ltd. & Mr. Mohanlal Khatod S/o Late Shri Ramlal Khadod. at Vill.-Chhota Bangarda, Teh. & Distt. -Indore (M.P.) Total Plot Area- 56750.00 Sq.mt. (5.675 ha), Total Land Area in possession – 52502.04 Sq.mt., Total Built up Area- 67368.75 Sq.mt.**

The project pertains to development of Residential complex comprising Total Plot Area- 56750.00 Sq.mt. (5.675 ha.) Total Land Area in possession ó 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.

**Area Details:-**

The proposed multi unit residential building and duplexes, villas, commercial/ educational units project is planned in a plot measuring 56750.00 Sq.m. (5.675 Hect.) at Village Chhota Bangarda, Tehsil & Dist.- Indore (MP).

KH. NO.	RAKBA	OWNERSHIP
103/1/26/1	0.405	KANCHAND BAI W/O LATE SH. GOVINDLAL
103/1/26/2	0.252	DURGESH KUAMAR S/O SHRI RAMLAL KATHOD
103/1/27/1K	0.405	MOHANLAL S/O SHRI RAMLAL KATHOD RAJESH, RAKESH S/O SHRI MOHANLAL
103/1/27/1 KH	0.405	RAJESH KUMAR S/O SHRI MOHANLAL
103/1/27/1 G	0.322	RAKESH KUMAR S/O SHRI MOHANLAL
103/1/27/1 GH	0.029	BHAGWANDAS S/O SH. GANGAPRASAD
103/1/27/2	0.206	BHAGWANDAS S/O SH. GANGAPRASAD
103/1/27/2	0.206	BHAGWANDAS S/O SH. GANGAPRASAD
103/1/28/4	0.837	MOHANLAL S/O SHRI RAMLAL KATHOD
103/1/28/5	0.837	MOHANLAL S/O SHRI RAMLAL KATHOD
103/1/34/2	0.699	MOHANLAL S/O SHRI RAMLAL KATHOD
103/1/34/8	0.703	MOHANLAL S/O SHRI RAMLAL KATHOD

91/2/8	0.085	TUSHAR BUILDCON PVT. LTD.
91/2/9	0.085	TUSHAR BUILDCON PVT. LTD.
<b>TOTAL AREA = 5.675 HECT.</b>		

Demarcated plan for residential (plotting and group housing) Development on land bearing Kh. No. 103/1/26/1, 103/1/26/2, 103/1/26/3, 103/1/27/1 K, 103/1/27/1 KH, 103/1/27/1/G, 103/1/271 GH, 103/1/27/2, 103/1/28/4, 103/1/27/5, 103/1/34/2, 103/1/34/8, 91/2/8, 91/2/9 at village chhota Bangarda, Dist. – Indore.

Belongs To:-

- 1) Smt. Kanchan Bai W/o Late Sh. Govindlal Kathod
- 2) Shri Durgesh Kumar S/o Shri Babulal
- 3) Shri Madanlal S/o Shri Ram Lal ji Kathod
- 4) Shri Mohanlal S/o Shri Ram Lal ji Khatod
- 5) Shri Rajesh Kumar S/o Shri Mohanlal Ji Kathod
- 6) Shri Rakesh Kumar S/o Shri Mohanlal Ji Kathod
- 7) Shri Dhagwan Das S/o Shri Ganga Prasad
- 8) Tushar Buildcon Pvt. Ltd. Through its director Shri Tushar S/o shri anil Agrawal

Developers:-

Marks Durobuild Pvt. Ltd. Through its director shri akhilesh s/o shri Laxmi Chan ji jain

Area statement	
Total Land Area	= 56750.00
Total Land area in possession	= 52502.04
area for group housing "A"	= 22821.44
area for Plotted dev. "B"	= 27980.60
area for E.W.S. Block (G + 2)	= 1700
Area statement for Group housing "A"	
Total Land Area	= 22821.44
Area under road widening	= 352.73
Net planning area	= 22468.71
permissible G. Coverage	= 7414.67
Permissible F.A.R.	= 1:1.5
Permissible Height	= 18.0 M.
Park	= 2246.87
M.O.S.	= As per plan
Parking Per Car @ 100 SQ.M. of Built up area	
area statement for plotted development	
Total Land Area	= 27980.60 Sq.m. (100%)
Plotted Area	= 14452.36 (51.65%)
area for convenient shops	= 430.63 (1.54%)
Park	= 3637.48 Sq.m. (13%)
Service Area	= 300.00 Sq.m. (1.07%)
Road Area	= 9160.13 Sq.m. (32.74%)

area statement for E.W.S.	
area on which E.W.S. to be calculated	
plotted area	= 14452.36 Sq.mt.
Area of Group Housing	= 22468.71 Sq.mt.
Total Area	= 36921.07 Sq.mt.
Total Area	
<u>Area for E.W.S.</u>	
15% of Total Area	= 5538.16 Sq.mt.
For Built Up	
25% of (15% of Plotted Area)	= 1384.54 Sq.mt.
each unit of E.W.S. of Size 23.08 Sq.mt.	
So total no. of E.W.S. unit = 60 Units	
For E.W.S. Block (G+2), 20 units on each floor	
Provided Area for E.W.S. block (G+2) = 1700 Sq.mt.	

**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.

<b>S. No.</b>	<b>Item Description</b>	<b>Residential</b>
1.	Domestic Water Requirement	566 KLD
2.	Flushing Water Requirement	177 KLD
3.	Landscaping & other uses	40 KLD
4.	Total Water Demand	566 KLD
5.	STP Capacity	On 100% Load 473 KLD Proposed 500 KLD
6.	Available Treated Water through STP	426 KLD
7.	Used Treated Water	217 KLD
8.	Net Fresh Water	566 KLD
<b>Daily Water Requirement</b>		

S. No.	Item Description	Number of Persons / Seats	Water Requirement / head (liters)	Total water Requirement (liters)
<b>A</b>	<b><i>Fresh Water Requirement</i></b>			
1	Apartments/Flats & Duplex	3615	90	325350
2	EWS	240	90	21600
3	Commercial Area	180	5	900
4	Maintenance Staff	10	20	200
	<b><i>Sub Total of A</i></b>			<b>348050</b>
<b>B</b>	<b><i>Flushing Water</i></b>			
1	Apartments/Flats & Duplex	3615	45	162675
2	EWS	240	45	10800
3	Commercial Area	180	20	3600
4	Maintenance Staff	10	25	250
	<b><i>Sub Total of B</i></b>			<b>177325</b>
<b>C</b>	<b><i>Treated Effluent Water Requirement – Misc. Uses</i></b>			
1	Landscaping			20000
2	Misc. Other Uses			20000
	<b><i>Sub Total of C</i></b>			<b>40000</b>
	<b><i>Total water requirement (A+B+C)</i></b>			<b>565,375</b>
				<b>Or says 566 KLD</b>

**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)
<b>A</b>	<b><i>Domestic water</i></b>			
1	Apartments/Flats & Duplex	325350	0.85	276547.5
2	EWS	21600	0.85	18360
3	Commercial Area	900	0.85	765

4	Maintenance Staff	200	0.85	170
	<b>Sub Total of A</b>			<b>295842.5</b>
<b>B</b>	<b>Flushing Water</b>			
1	Apartments/Flats & Duplex	162675	1	162675
2	EWS	10800	1	10800
3	Commercial Area	3600	1	3600
4	Maintenance Staff	250	1	250
	<b>Sub Total of B</b>			<b>177325</b>
	<b>Total waste water (A+B)</b>			<b>473167.5</b>
		<b>SAY CAPCITY OF STP ~</b>		<b>473 KLD</b>
			<b>Proposed</b>	<b>500 KLD</b>
	<b>Total Daily Water requirement</b>			<b>566 KLD</b>
	<b>Treated Effluent from STP @ 90% of STP Capacity</b>			<b>426 KLD</b>
	<b>Fresh Water required from municipal Water</b>			<b>348 KLD</b>

### 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.

The proposed sewage Treatment plant of capacity 473 KLD on 100% Load and Proposed STP Capacity is 500 KLD for project area. The treated water from residential area is 426 KLD which is reused for flushing, horticulture and other purposes.

**Landscape detail**

<b>Open area</b>	
Open area for group housing (A)	2246.87 Sq.mt. (10%)
Open area for plot development (B)	3637.48 Sq.mt. (13%)
Total Open Area (A + B)	5884.35 Sq.mtr.
Total no. of trees on the periphery of the project site	= 250 Nos.
Extra landscaping Area	= 6 X 250 = 1500 Sq.mtr. ( 6 sq.mtr. For each Plant)

**SOLID WASTE CALCULATION**

<b>Facilities Provided</b>	<b>Waste Generation Norms</b>		<b>Basis of Assumption</b>	<b>Unit /Person</b>	<b>Total Waste Generated (TPD)</b>
Residential	0.4	Kg/capita/day	CPCB	3909	1.5636
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	5884.35 Sq.m	0.01765305
STP Sludge	0.33	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.473 MLD	0.00015609
Waste Oil	100	Liters/MW/year	Assuming one maintenance	2.3669 MW	236.68 Liter

	per year
<b>Total Waste Generated (TPD)</b>	<b>1.58140914</b>
<b>Total Biodegradable 55 % of total (TPD)</b>	<b>0.86977503</b>
<b>Total Non-Biodegradable 45 % of total (TPD)</b>	<b>0.71163411</b>

The case was presented in 204<sup>th</sup>. 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 procession of PP. The land not under procession of PP should be clearly earmarked in the lay out plan and its present status including its ownership needs to be clarified.
5. The total number of DG sets to be installed with capacity has been mentioned differently in Form 1A and the presentation. This needs to be clarified.
6. In water balance details the calculation of water discharge for commercial area has not been accounted for.
7. A detailed plantation scheme along with financial outlay is required.



PP has submitted response to the above queries and the same was placed before the SEAC committee meeting no.223 dated 15/09/15 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 204<sup>th</sup> meeting of SEAC dated 04/07/15.

Since 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 348 KLD.
  2. The excess treated water (if any) 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.
25. Case No.- 2871/2015 Smt. Maya Devi W/o Shri Laxman Singh Lodhi, Sujampur, Distt. - Sagar (MP)-470223. Stone Quarry Lease Area- 2.00 ha., Capacity – 13,900 cum/year, at Khasra No.-72, Vill.-Katangi, Teh.-Deori, District-Sagar (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-72, Vill.-Katangi, Teh.-Deori, District-Sagar (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. Concerned Mining Officer vide letter no.-90, dated: 30/01/2015, has reported that there is 01 more mines operating or proposed within 500 meters around the said mine, and total Area-4.00 ha.

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

1. Production of Stone shall be as per the approved mining plan not exceeding 13,900 cum / Year.

26. **Case No. 490/2009 M/s. Reliance Industries Ltd., Block 6-D 2<sup>nd</sup> Floor, Reliance Part Thane Belapur Road, Gansoli, Navi Mumbai (MS). Coal Bed Methane (CBM) Gas Based Power Plant at Village Hadaha near Shahdol Town Adjacent NH-78, Distt. Shahdol (M.P.)**

This being a Thermal Power Plant with production capacity of < 500 MW (based on Gas) is listed at S.N. 1(d) of schedule under -B Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project. Information pertaining to the above project was examined by the committee. After discussion on the project it was revealed that:

This is a case for power production of 2x50 MW at village Nawalpur Distt. Shahdol. It is CBM gas based power plant, gas shall be obtained from CBM gathering station located in the surrounding area. The gas shall be transported through dedicated pipeline. Distance of River Son is reported to be 800 mts from the site. Nearest highway is NH 78 about 3 Km from the site. It is also reported that no bio-sphere reserve, wild life sanctuary exists within 10 Km radius. Total land requirement is 10 Acres and cost of the project is 450 Crore. Domestic water requirement is reported to be 15KL/Day. No water shall be required in process. Generation of waste water is

reported to be nil. Committee has agreed to issue TOR to the PP to carry out EIA /EMP, with inclusion of following:

1. Micro-level features shall be depicted on to-the-scale map and presented with the EIA.
2. Intent of CDM where ever possible (such as waste heat recovery) has to be taken up.
3. Ambient Air Quality monitoring has to be carried out in accordance to the notification dated 16/11/09.
4. Permission for drawal of water from river.
5. All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
6. Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
7. Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA.
8. Any litigation pending against the company should be addressed appropriately.
9. Use of Solar energy for utilities has to be explored and implemented.
11. Explore the possibility of waste heat recovery power plant as the temperature of flue gases is reported to be about 400 °C .
12. Storage facilities of gas and flare system has to be addressed in detail.
13. The EIA should be prepared based on model TOR for appraisal of power projects issued by MoEF, Delhi.
14. Power evacuation letter from the concerned authority.
15. Composition of CBM gas.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the

committee during the deliberation. The PP may therefore be given another opportunity to present his case failing which the case may be recommended for delisting.

Dr. R. B. Lal  
Chairman