

The 71th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 10th April, 2017 under the Chairmanship of Dr. Navin Chandra 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. Mohd. Akram khan, Member.
2. Shri. Mohd. Kasam khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Shri Rajendra Kumar Sharma, Member.
5. Dr. Sonal Mehta, Member.

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

1. Case No.4646/15 Shri Sarvesh Pratap Singh R/o Village & Post-Janardanpur, Tehsil-Rampur Baghelan, District-Satna (MP)-485001 Prior Environment Clearance for approval of Laterite and Limestone Mine in an area of 4.85 ha. (43,875 TPA) at Khasra No.-1289/1, Village-Ramnagar, Tehsil-Rampur Baghelan, District-Satna (MP) (EIA Presentation)

This is case of Laterite and Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1289/1, Village-Ramnagar, Tehsil-Rampur Baghelan, District-Satna (M.P.) 4.85 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP in the 08th SEAC II meeting dated 20/02/2016. It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.

The Project Proponent (PP) was not present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. A

representative of the PP requested that due to some unavoidable circumstances the PP could not come to Bhopal and requested that their project should be heard in the meeting scheduled on 12/04/2017. Committee decided that request of PP's representative can be considered if time permits on 12/04/2017 for their presentation after the scheduled agenda otherwise case may be scheduled in the upcoming meetings of SEAC II.

2. Case No. – 1947/2014 Smt. Vandna Modi, Bara Bazar Shahgarh, Dist. Sagar (MP) , Tigoda Iron ore and Dolomite Mine, Lease Area 11.82 Ha, at Khasra No. 1295 p, 1309, 1359 p, 1350, 1336 p at Village –Tigoda, Teh-Shahgarh, Distt-Sagar (M.P), capacity from 7000 TPA to 1,88583TPA (EIA Consultant: M/s CES, Bhopal)

This is case of Tigoda Iron ore and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1295 p, 1309, 1359 p, 1350, 1336 p at Village –Tigoda, Teh-Shahgarh, Distt-Sagar (M.P) 11.82 Ha. The project requires prior EC before commencement of any activity at site.

Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee 162nd SEAC meeting 23/12/2014 . The presentation and the submissions made by the PP reveals following:

It was submitted that this is an operating mine having valid lease up to 2038 and consents form MPPCB. The proponent wish to enhance production from 7000 tonnes per annum to 188583 Tonnes per annum. Accordingly the mine plan has been approved.

Environment setting

Geological Location	Latitude – 24°21'28.54" to 24°22'00"N Longitude- 79°10'57.86" to 79°11'00"E
Nearest City	Tikamgarh– 55.00km
Nearest Railway Station	Tikamgarh– 57km
Nearest Airport	Khajuraho -90 km
Nearest Highway	NH-86-1.25km - SE
Nearest Village	Tigoda – 2.25Km - N
Hills/Valley	None in 10 km radius

Ecological Sensitive Zone	None in 10 km radius
Historical Place	None in 10 km radius
Reserve Forest	Indora RF-N -5km , Tigoda RF-N – 1.0km, Hirapur RF- S- 1.0km, Shahgarh RF-SW -6.5km Palda RF- NE-8.0km, PF – 260m
River/nalla	Bila River – WWN – 7.0 km, Lanch Nadi- WWS- 5.5km Chandiya Main canal- SW-3.0km, Sukku Nadi- NE-9.5km Kalidhar Nadi-E-5.0km, Local Nalla- 100m – E
Nature of Mine	Govt. Land – 11.82 Ha
Type of Land	Barren Land
Surroundings	ML is undulating and hilly on a mound running south-east-north-west. The ML area devoid of RF/National park/Sanctuary/ Biosphere reserve/ Monuments/ Heritage sites.
Altitude	Part-1: 383-381mRL Part-2: 383-380mRL Part-3 : 384-382mrL Part-4: 400-374mRL
Co-Ordinate	A-1 – 24 ⁰ 21'59.8" N - 79 ⁰ 11'01.3 E Part-2 - 24 ⁰ 21'56.90" N - 79 ⁰ 11'06.0 E Part3 - 24 ⁰ 21'47.70 N – 79 ⁰ 11'5.68" E Part-4- 24 ⁰ 21'36.90" N- 79 ⁰ 11'36" E

It was reported by the PP that

- The fresh lease was granted for period of 30 years from 2008 to 2038.
- The lease area comes under govt. land
- One other lease area are located within 500m radius
- The PP has already been obtained environmental clearance from SEIAA vide letter no. 19/EPCO-SEIAA/10 dated – 28.04.2010 for existing capacity. Present proposal for capacity expansion from 7000TPA to 188583TPA
- The PP has already been obtained CTO from MPPCB which is valid up to 21.03.2015
- The scheme of mining with progressive mine closure plan has been approved by IBM, Nagpur

- It was reported by the PP that baseline data of the region has already been started from Oct. to Dec. (Winter)

Salient feature of the lease area

Nature of Mining	Open Cast/ Other than fully mechanized mine
Mineable area	11.82Ha
Mineable Reserve	721419 MT
Proposed Production capacity	188583TPA
Life of Mine	5 year
Present Depth of Mining	367 AMSL
Ultimate depth of Mining	362AMSL
Ground Water Table	12-14mbgl -Post Monsoon 18-20mbgl -Pre-monsoon
Use of mineral	Steel, Cement and Glass industries
Existing pit	0.6385ha
Existing dump	Nil
Existing plantation	0.2ha
Existing Backfilled area	0.07ha
Existing water body	0.08ha
Striping ratios	1: 0.16

After deliberations committee approved the TOR with inclusion of following points in the EIA / EMP:

- Appropriate buffer shall be reserved within the MLA towards boundary facing forest.
- Compliance report of the EC conditions to be furnished with EIA after due validation of the same from MoEF.
- Base line data already under collection may be used in the EIA report.
- Details of blasting and the impact management thereby to be dealt.
- Recent photographs of the mine area to be furnished.

- Compliances of consent conditions and details of litigation (if any) for non-compliances to be furnished.
- Other standard TORs' shall be applicable.

PP has submitted the EIA report vide letter dated 15/03/2017 which was forwarded by SEIAA vide letter no. 5694/SEIAA/17 dated 25/03/2017.

The case was presented by the PP and their consultant wherein it was observed that lease is in 04 parts for which PP submitted that the lease is sanctioned by the GoMP vide letter dated 04/10/2008 under relevant rule of MCR and the fresh lease was granted for period of 30 years from 2008 to 2038. The lease area comes under Govt. land and three other lease area is located within 500 meters radius. The PP further submitted that they have already been obtained environmental clearance from SEIAA vide letter no. 19/EPCO-SEIAA/10 dated – 28.04.2010 for existing capacity and the present proposal is for capacity expansion from 7,000TPA to 1,88,583 TPA. PP further submitted that they have submitted the compliance report of MoEF&CC which was placed before the committee. On perusal of compliance report, committee observed that the compliance of conditions is found satisfactory by the authority of MoEF&CC.

Out of four part, part-I, II and III of mine ML is slightly undulating and having elevation difference for 2 mt only whereas part IV is undulating and hilly having elevation of 400 to 374 AMSL. For capacity expansion, it is proposed to adopt other than fully mechanised mining using small dia blast hole drill, JCB/pockland, dumpers and also using hand tools such as spades, hammers, crowbars, chisels etc. The capacity enhancement shall be achieved through mechanized means for which PP has submitted the details of machineries and equipment to be used and committee found it satisfactory to achieve the desired capacity as approved by IBM also.

Presently 0.6385ha area has been excavated up to 367mRL during the ensuing year of development, fresh area of 2.02ha will be developed and cumulative area around 2.6585ha will be developed upto 362mRL during 5 years of period. Ground water seepage will not encounter because the proposals of conceptual period will be above to GWT as the ultimate depth of the mining will be 13 mt only whereas the GET is reported from 355- 350 AMSL.

During the proposed period and conceptual period, 48975cum mine waste will be generated. Out of that, 34985 cum mine waste will be used for backfilling of barrier zone excavated area and making of falls benches along the eastern face of pit-H located in the area of part-3 and 13990cum mine waste will be used for maintenance of approach road. At the end of conceptual period no waste dump will be remain in lease area.

Simultaneous excavation and back filling will be done. Presently 0.07ha area has already been backfilled by using mine waste. During the mine life, out of 3.3379 ha excavated area; 0.5536ha area will be backfilled with using 34985 cum mine waste. The geo mining details with respect to number of benches, width of haul road, gradient of haul road, configuration of OB dumps and proposal of concurrent backfilling is found satisfactory and acceptable to SEAC.

During the presentation, it was also observed that PP has developed garland drain having 300X0.25X0.25 mt and settling tank within the lease area. The PP proposed to develop another 09 drains at appropriate places with adequate size in PART-I , II and III along with the 09 settling pits of 0.5X0.35X1.5 Mt. It is also proposed to develop 04 settling tanks having adequate capacity along with proposal of water body of 1 ha area considering demand of the local people. The committee found the submission and capacity satisfactory.

For evacuation of mineral PP submitted that they are maintaining 1.5 Kms road with minimum width of 7.00 meters for easy movement of trucks. PP also informed that they will maintain a buffer of 7.5 meters all around the lease boundary wherein in plantation will be carried out as per the submitted plan. Committee suggested that minimum three rows of trees should be planted on the lease boundary. After presentation and discussion, PP was asked to submit response on following:

1. Since the present proposal is for capacity expansion from 7,000TPA to 1,88,583 TPA, PP should submit the extent of mechanization proposed with all machinery details and transportation load.
2. Revised land use plan as per the discussion by the committee incorporating details of trees and respective area.
3. Commitment of PP for three rows plantation at the periphery of the lease.

PP has submitted the response on above quarries vide letter dated 10/04/2017 which was placed before the committee which is found satisfactory and acceptable by committee. The EIA/EMP and other submissions made by the PP earlier 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:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease.
7. PP shall also cover the entire land with plantation which is in possession which is located in between the 04 part of the lease area.
8. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. PP shall bound to compliance the final closure plan as approved by the IBM
9. Production of Iron Ore and dolomite shall be as per the mining plan with quantity not exceeding 1,88,583 TPA.
10. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
11. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
12. As proposed, garland drains (existing 300 meters and proposed 3007 meters in 09 numbers) and settling pits should be provided to avoid silt discharge. As proposed, 09 settling pits (0.5mX0.35mX1.5m) connected with garland drains shall be provided for proper sedimentation.
13. As proposed, 04 settling tanks, (550 sq mtX 5 m), (850 sq mtX 5 m, 900sq mt X 5 m and 600sq mt X5m respectively) connected with garland drains shall be provided for proper sedimentation.
14. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
15. Regular water spraying system should be provided on 500 meter long and 05 meter wide haul road. However, regular water spraying should be practiced on 1.365 kms long and 06 meters wide transport road for dust suppression.
16. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.

Further any need base and appropriate activity may be taken up in coordination with local panchayat.

17. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 18. The commitments made in the public hearing are to be fulfilled by the PP.
 19. 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.
 20. PP will comply with all the commitments made in by the letter dated 10/04/2017.
- 3. Case No. 5533/17 M/s Shri krishnadas Tikaram, Civil Line, Katni, MP. Prior Environment Clearance for Bauxite and Fireclay Mine in an area of 1.04 ha. (5879 TPA) (Khasra no. 1193, 1194, 1195) at Village- Naikin , Tehsil - Rampur Naikin, Dist. Sidhi (MP) (EIA Consultant: M/s Uplinka Solutions & Technology Pvt. Ltd., Noida)**

This is case of Bauxite and Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 1193, 1194, 1195) at Village- Naikin , Tehsil - Rampur Naikin, Dist. Sidhi (M.P.) 1.04 Ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project

Project Site	Village– Naikin, Tehsil- Rampur Naikin, District- Sidhi State: Madhya Pradesh
Site Coordinate	24°20'19.9" to 24°20'24.2"North 81°23'33.5" to 81°23'37.6"East
ML Area & Type of land	1.04 Ha of waste land
Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc. within 15km	Son Ghariyal Wildlife Sanctuary =8.100 km Gobingarh RF = 2.0 km in North Direction Khairi RF = 7.9 Km in South East Direction Bardaila RF = 4.6 km in South East Direction Shikarganj RF =5.5 km in South East Direction Khainjua RF = 9.6 km in South East Direction
Name of Important Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc within 15km	Son River = 7.50 km in South East Direction Baghi Nalla = 4.7 Km in North East Direction Kataha Nala = 4.4 Km in East Direction

	Marhawal Nalla = 3.0 km in South East Direction Pond = 0.40 Km in North East Direction Canal = 2.05 km in North West Direction. Ban Sagar Lake = 12.3 km in South Direction. Raja Talab = 10.5 km in West Direction.
Topography of ML area	Highest Elevation –302.50 m AMSL toward NE Direction Lowest Elevation - 300 mA.M.S.L. towards SW Direction
Name of mineral mined	Bauxite & Fire Clay Mine
Rate of Production (TPA)	5879 TPA
Life of mine	10 Years
Method of Mining	Opencast Manual Method
Ground water level	35- 40m bgl (360 to 365 m AMSL)
Ultimate depth of mine	12.0 m bgl or upto 290 m AMSL
Water Requirement & Source	Total water requirement for dust suppression, plantation and drinking is 6.0 KLD. Water will be sourced from bore wells for drinking and domestic purpose, while dust suppression water used from mine sump
Manpower Requirement	25
Total Working Days annually	275
Cost of project	Rs.0.25 Crore

The nearest railway station is Rewa at 26.0 km distance, Nearest Highway-75,1.01 km in South Direction, State Highway-9,3.0 km in South Wet Direction, Rewa Road at 11.0 km in West Direction.

Conceptual land uses at different stage are given below:

S. NO.	LAND USE	EXISTING	5 TH YEAR	MINE LIFE
1)	Total area excavated (broken)	0.77	0.80	0.90
2)	Area fully mined out (out of 1)	0.10	0.30	0.90
3)	Area fully reclaimed/ Backfilled (out of 2)	Nil	0.10	0.30
4)	Area rehabilitated out of 3 by afforestation	NA	0.10	0.30

	(Out of 3)			
5)	Area reclaimed by water harvesting	Nil	Nil	0.60
6)	Total area under dumps	0.10	Nil	Nil
7)	Area under active dumps	0.10	Nil	Nil
8)	Area Under Mineral Stack	Nil	Nil	Nil
9)	Area under Road	Nil	Nil	Nil
10)	Area under Green belt	0.02	0.14	0.14
11)	Area under infrastructure	0.01	0.01	Nil

The case was presented by the PP and their consultant wherein PP submitted that the lease area was initially granted for 20 years w.e.f 26.02.1977 to 25.02.1997. The same was renewed for 20 years period from 26.02.1997 to 25.02.2017. Mining Lease has been extended for 50 year period (as per MMDR Amendment Act 2015) from date of 1st grant i.e. 26.02.1977 to 26.02.2027. The Modification in approved mining plan along with progressive mine closure plan under Rule 17(3) of MCR 2016 was approved by IBM vide letter no- MP/Sidhi/Bauxite/MPLN/MOD-06/2016-17/2085 Jabalpur dated 31.08.2016.

The ML area is mostly waste land. There is no forest land or any water body in the lease area. No national park or any eco sensitive area or Interstate boundary exists within 10 kms radius. Only Son Ghariyal Wildlife Sanctuary is present at 8.100 Km from the lease area. As per MoEFCC Notification dated 13 December 2016, Son Ghariyal Wildlife Sanctuary Eco Sensitive Zone width has been notified as 1 km and village Naikin also does not fall in list of villages within the Eco Sensitive Zone. The project hence falls under 'B' category as the general condition is not applicable. No forest land exists within 250 m from the lease area and NOC has been obtained from the DFO, Sidhi. Opencast manual method of mining will be adopted in the lease area. Proposed Capacity of the project is 5879 TPA of Bauxite.

Committee after presentation decided that being it's a case of major mineral committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Atleast 08 stations should be selected for monitoring with two stations on transportation route and one each on neighboring 03 villages and results should be discussed in the EIA report.
9. Hydro geological study should be carried out if ground water intersection is proposed.
10. Top soil management plan should be addressed in EIA report.
11. Input data of modeling should be addressed in EIA along with this all back up calculation.
12. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
13. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
14. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
15. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
16. Since the sanctioned lease area is only 1.04 ha thus area available for mining activities at pit bottom with justification should be discussed in EIA report.

4. Case No. 5534/17 M/s Shri Krishnadas Tikaram, Civil Line, Katni, MP. Prior Environment Clearance for Bauxite, Laterite and Fireclay Mine in an area of 3.417 ha. (25000 TPA) (Khasra no. 609, 610/1, 610/2) at Village- Naikin , Tehsil - Rampur Naikin, Dist. Sidhi (MP) (EIA Consultant: M/s Uplinka Solutions & Technology Pvt. Ltd., Noida)

This is case of Bauxite, Laterite and Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no. 609, 610/1, 610/2) at Village- Naikin , Tehsil - Rampur Naikin, Dist. Sidhi (MP) 3.417 Ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project

Project Site	Village– Naikin, Tehsil- Rampur Naikin, District- Sidhi State: Madhya Pradesh
Site Coordinate	24°21'14.3" to 24°21'20.9"North 81°23'43.6" to 81°23'54.3"East
ML Area & Type of land	3.417 Ha of waste land
Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc. within 15km	Son Ghariyal Wildlife Sanctuary =9.750 km Gobindgarh RF = 1.5 km in North Direction Gurh RF = 11.7 km in North East Direction Khairi RF = 8.3 Km in South East Direction Bardaila RF = 5.8 km in South East Direction Shikarganj RF =7.2 km in South East Direction Khainjua RF = 10.3 km in South East Direction Chandrehi RF = 9.0 Km in South East Direction Bakura Pahad = 9.5 km in South Direction Khainjua Pahad = 10.2 Km in South West Direction Kaimur Hills = 1.5 km in North Direction
Name of Important Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc within 15km	Son River = 8.10 km in South East Direction Phapho Nalla = 2.0 km in South West Direction Sughara Nalla = 5.0 Km in South East Direction Kataha Nala = 2.0 Km in East Direction Marhawal Nalla = 5.0 km in South East Direction Pond = 1.30 Km in South Direction Canal = 5.0km in SW & 341 min North Direction. Banas River = 10.2 km in South East Direction.

Topography of ML area	Highest Elevation –318 m AMSL toward NW Direction Lowest Elevation - 313 m AMSL towards SE Direction
Name of mineral mined	Bauxite, Laterite & Fire Clay Mine
Rate of Production (TPA)	25000 TPA(Bauxite-24250 TPA & Fire Clay-750TPA)
Life of mine	9 Years
Method of Mining	Opencast other than fully mechanized Method
Ground water level	35- 40m bgl (378 to 382 m AMSL)
Ultimate depth of mine	13.0 m bgl or upto 305 m AMSL
Water Requirement & Source	Total water requirement for dust suppression, plantation and drinking is 9.0 KLD. Water will be sourced from bore wells for drinking and domestic purpose, while dust suppression water used from mine sump
Manpower Requirement	25
Total Working Days annually	275
Cost of project	Rs.1.0 Crore

The nearest railway station is Rewa at 25.0 km distance, Nearest Highway-75,2.7 km in South Direction, State Highway-9,4.0 km in South West Direction, Sidhi- Rewa Road at 2.70 km in South Direction.

Conceptual land uses at different stage are given below:

S. NO.	LAND USE	EXISTING	5 TH YEAR	MINE LIFE
1)	Total area excavated (broken)	1.75	2.159	2.90
2)	Area fully mined out (out of 1)	0.10	0.25	2.90
3)	Area fully reclaimed/ Backfilled (out of 2)	Nil	Nil	0.70
4)	Area rehabilitated out of 3 by afforestation (Out of 3)	NA	Nil	0.70
5)	Area reclaimed by water harvesting	Nil	Nil	2.20

6)	Total area under dumps	0.10	0.10	Nil
7)	Area under active dumps	0.10	Nil	Nil
8)	Area Under Mineral Stack	0.25	0.25	Nil
9)	Area under Road	0.10	0.10	Nil
10)	Area under Green belt (i.e plantation on area other than dump and backfilling area)	0.10	0.11	0.517
11)	Plantation over dump area	Nil	Nil	Nil
12)	Area under infrastructure	Nil	0.01	Nil
13)	Bund & Drain	Nil	0.35	Nil
14)	Undisturbed area	1.117	0.577	Nil

The case was presented by the PP and their consultant wherein PP submitted that the lease area was initially granted for 20 years w.e.f 27.02.1977 to 26.02.1997. The same was renewed for 20 years period from 27.02.1997 till 26.02.2017. Mining Lease has been extended for 50 year period (as per MMDR Amendment Act 2015) from date of 1st grant i.e. 27.02.1977 to 26.02.2027. The Scheme of Mining along with progressive mine closure plan under Rule 12(3) of MCDR 1988 was approved by IBM vide letter no-MP/Sidhi/Bauxite/M-sch-53/2014-15/388 Jabalpur dated 28.01.2015. The ML area is mostly waste land. There is no forest land or any water body in the lease area. No national park or any eco sensitive area or Interstate boundary exists within 10 kms radius. Only Son Ghariyal Wildlife Sanctuary is present at 9.750 Km from the lease area. As per MoEFCC Notification dated 13 December 2016, Son Ghariyal Wildlife Sanctuary Eco Sensitive Zone has been notified as 1 km. Naikin village does not fall in list of villages within the Eco Sensitive Zone. The project hence falls under 'B' category as the general condition is not applicable. No forest land present within 250 m from the lease area and NOC has been obtained from the DFO, Sidhi. Opencast other than fully mechanized method of mining will be adopted in the lease area. Proposed Capacity of the project is 25000 TPA of Bauxite, Laterite & Fire Clay.

Committee after presentation decided that being it's a case of major mineral committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Atleast 08 stations should be selected for monitoring with two stations on transportation route and results should be discussed in the EIA report.
9. Hydro geological study should be carried out if ground water intersection is proposed.
10. Top soil management plan should be addressed in EIA report.
11. Input data of modeling should be addressed in EIA along with this all back up calculation.
12. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
13. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
14. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
15. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
16. Since the sanctioned lease area is only 3.417 ha thus area available for mining activities at pit bottom with justification should be discussed in EIA report.

5. Case No. 5535 /17 M/s Adityaraj Stone Crusher, Santoshi Mata Ward, Teh. Pandhurana, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Crusher Stone quarry in an area of 7.760 ha. (44657 cum per annum) (Khasra no. 60, 72, 73) at Village- Bangaon (Heti), Tehsil - Pandhurna, Dist. Chhindwara (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at ((Khasra no. 60, 72, 73) at Village- Bangaon (Heti), Tehsil - Pandhurna, Dist. Chhindwara (MP) 7.760 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. 278 dated: 14/02/2017 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 13.730 ha including this mine.

The case was presented by the PP and their consultant wherein following observations were made by the committee base on Google image of November, 2016 as per the co-ordinates provided by the PP:

- ✓ Site is approx. 650 mts away from the tar road.
- ✓ Site is 400 meters away from the residential houses.
- ✓ Site is 330 meters away from a small Dam.
- ✓ Tehsildar Certificate is not in format prescribed by the SEIAA.

After presentation, PP was asked to submit information on following issues:

1. Transportation and evacuation plan considering all the mines within 500 meters wrt condition of existing road, total evacuation proposed, its width & traffic management plan.
2. Revised Tehsildar certificate in format prescribed by the SEIAA.
3. Details of proposed garland drains and settling tanks on surface map with their dimensions.
4. Revised EMP and CSR as suggested by the committee during discussion.
5. PP should also explore the possibility of providing fixed types of sprinklers on transportation road and solar lighting for office usage.

6. Case No.-5436/2016 Shri Madam Singh S/o Shri Bheem Singh, Vill. Karadiya, Teh. Alote, Dist. Ratlam, MP – 457118 Prior Environment Clearance for River Sand

Deposit Quarry in an area of 12.00 ha. (1800 cum per annum) (Khasra no. 01) at Village- Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP)

This is case of River Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 01) at Village- Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP) 12.00 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. 385 dated: 24/06/16 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was again scheduled for the presentation in the 61st SEAC II meeting dated 25/11/2016 but 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. Earlier PP was also absent in the 43rd and 53rd SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

SEIAA in their 398th meeting dated 02/01/2017 has delisted the case and again relisted the case as per the decision taken in the 415th meeting dated 09/03/2017 and forwarded the file to SEAC for appraisal vide letter no. 5704/SEIAA/17 dated 28/03/2017.

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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

7. Case No. 5536/17 M/s Rajendra Singh Kiledar Construction Pvt. Ltd, Bazar Chouk, Baishdehi, Dist. Betul, MP – 460001 Prior Environment Clearance for Sand Auction quarry in an area of 5.520 ha. (10300 cum per annum) (Khasra no. 434, 308) at Village- Barchhi, Tehsil - Amla, Dist. Betul (MP)

This is case of Sand Auction. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 434, 308) at Village- Barchhi, Tehsil

- Amla, Dist. Betul (MP) 5.520 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. 1263 dated: 19/08/16, has reported that there is no more mine 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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. Case No. 5537/17 M/s Rajendra Singh Kiledar Construction Pvt. Ltd, Bazar Chouk, Baishdehi, Dist. Betul, MP – 460001 Prior Environment Clearance for Sand Auction quarry in an area of 9.330 ha. (9000 cum per annum) (Khasra no. 1) at Village-Sontalai, Tehsil - Amla, Dist. Betul (MP)

This is case of Sand Auction. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 1) at Village- Sontalai, Tehsil - Amla, Dist. Betul (MP) 9.330 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. 1265 dated: 19/08/16, has reported that there is no more mine 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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

9. Case No. 2110/2014 Shri Bhagchand Nemnani S/o Shri Manikchand Nemnani, Pandhana, Khandwa (MP)-450337 Prior Environment Clearance for approval of proposed Stone Quarry in an area of 4.00 ha. for expansion in production capacity

from 1000 Cum/Year to 39,900 Cum/Year at Khasra NO. 282/5 at Village-Pandhana, Tehsil-Pandhana, District-Khandwa (MP) (Absent in 68th meeting)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-282/5, Village-Pandhana, Tehsil-Pandhana, District-Khandwa (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 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.-12037 dated: 24/09/14, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in SEAC 183rd meeting dated-27/04/2015 wherein it was observed that: *The case was considered in the 169th meeting dated 27/01/2015 whereby the PP was asked to submit response on the following points:*

- *Comments of concerned Forest Officer not below the rank of DFO, on presence of scheduled animals reported in the mining plan.*
- *Post-mine conceptual plan with ultimate land-use planning after the mining is complete.*

PP has submitted response to the said points and the same was placed before the committee. The letter no 820 dated 20/04/2015 from Forest department submitted by the PP states no wild animal passes from the project site. The clarification of post-mine land-use has also been submitted by the PP.

Based on the submission of the PP 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. *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.*
3. *The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.*
4. *PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA*

5. *Transportation of material shall be done in covered vehicles.*
6. *Necessary consents shall be obtained from MPPCB and the air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.*
7. *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.*
8. *Curtaining of site shall be done using appropriate media.*
9. *Production of stone boulder shall be as per the mining plan not exceeding 39900 m³/Year.*
10. *The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.*
11. *Transportation shall not be carried out through forest area.*
12. *Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.*
13. *PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.*
14. *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.*

SEIAA vide letter no.4916 dated:06-01-2017 forwarded this case file to SEAC stating that The case was discussed in 396th SEAIA meeting dtd 20.12.2016 and it was recorded that “PP has submitted a request for amending the average depth of pit to 18 m. In this case EC was issued on 30.06.2015 with a condition that the average depth of the pit shall not exceed 6 m. at the end of the lease period. The old record and the mining plan submitted by the PP was perused and it was observed from the production plan that PP would be excavating 7000 sq. mtr. (6 m. depth) in 3 different portions/pits of the lease area. Nowhere in the approved mining plan the depth has been recommended as 18 m. Therefore it has been decided to inform the PP accordingly”. PP has submitted a representation on 06.12.2016 reiterating that the depth of mining plan be permitted up to a depth of 18 m and SEIAA has sent the file to SEAC for comments.

Based on the above, the case was scheduled for presentation in the 68th SEAC II meeting dated 06/03/2017 but 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 give last chance to

PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation today but 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. Earlier PP was also absent in the 68th SEAC II meeting dated 06/03/2017. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

10. Case No. – 2844/2015 Shri Suresh Kumar Dubey, DGM (Geology), M.P. State Mining Corporation Ltd., Vanshroop Ward, Bhatatha Mohalla, Katni (MP)-483501 Sand Quarry Lease Area- 4.049 ha.Capacity - 1,50,000 cum/year, at Khasra No. – 29, 117, Vill.-Salaiya, Teh.-Manpur, District-Umariya (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. – 29, 117, Vill.-Salaiya, Teh.-Manpur, District-Umariya (MP) 4.049 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.

The case was earlier discussed in the 242nd SEAC meeting dated 07/11/2015 wherein during deliberations PP informed that they have submitted revised mine plan with reduction in capacity and thus their case be considered only after the receipt of the same. Considering the same, the case has been deferred till receipt of the same through SEIAA.

SEIAA vides their letter no. 11771/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease along with revised mine plan received in SEIAA on dated 01/01/2016 wherein as per the approved mine plan the sanctioned capacity is reduced from 1,50,000 cum/year to 40,490 cum/year. PP has also submitted combined single certificate of collector Umariya stating no mine within 1000 meter radius of this mine.

Committee observed that in certain cases revised mine plans duly approved by competent authority are submitted by the concerned project proponents, where in the volume of sand to be evacuated is considerably reduced without providing technical reasons in the sanctioning letter. This will directly result in reduction in revenue to the Govt. SEIAA may like to take up this matter with the concerned authorities.

As above, the case was presented by the PP and their consultant wherein it was observed that a kachha road is passing through the lease area which is probably used by the villagers for crossing and thus committee decided that atleast 25 meter area on both side of the lease be left by the PP.

During presentation, it was also observed that as per the certificate issued by the DFO, bandhavgarh Tiger Reserve is at a distance of 5.6 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/317/2015 and date of submission is 06/11/2015.

The submission made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 40,490 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- The grant of Environmental Clearance should be subject necessary Wild Life Clearance from NBWL to be obtained by PP.

The EC was granted to this lease as per the decision taken in the 317th SEIAA meeting dated 12/04/2016. SEIAA vide letter no. 5681/SEIAA/17 dated 25/03/2017 has sent the file back to SEAC stating that ED, MP State Mining Corporation has submitted a letter no. 1218 dated 15/02/2017 mentioning that in the gazette of India published on 14/12/2016, the Eco-sensitive zone in case of Bandhavgarh Tiger Reserve has been fixed with an extent of 2.00 kms from the boundary of the Bandhavgarh national Park and desired that the specific condition of wild life clearance from NBWL should be withdrawn which was kept before the committee.

The case was scheduled for the presentation and discussion toady wherein PP remains absent. On perusal of the case file it was observed by the committee that as per the certificate issued vide letter no. 3199 dated 05/08/2015 by the Dy. Director, Bandhavgarh Tiger Reserve, Umaria stating that the lease is at a distance of 5.6 kms (a Notified PA) from core zone and 2.70 kms from the buffer zone of Bandhavgarh Tiger Reserve. However in the gazette of India SO No. 4027 (E) published on 14/12/2016, the Eco-sensitive zone in case of Bandhavgarh Tiger Reserve has been fixed with an extent of 2.00 kms from the boundary of the Bandhavgarh National Park. Since the certificate issued by the Dy. Director, Bandhavgarh Tiger Reserve, Umaria stating that the lease is at a distance of 5.6 kms (a Notified PA) from core zone and 2.70 kms from the buffer zone of Bandhavgarh Tiger Reserve is becomes inconclusive as the distance is desired from the boundary of Bandhavgarh National Park not from the core zone or the buffer zone. Thus committee after deliberations decided that PP may be asked to obtain revised certificate from the competent authority stating the actual distance of the lease form the boundary of the Bandhavgarh National Park in accordance with the gazette of India SO No. 4027 (E) published on 14/12/2016 for further consideration of the representative submitted by them.

DISCUSSION ON SITE INSPECTION REPORT/ QUERY RESPONSE SUBMITTED BY PP/ISSUES RECEIVED FROM SEIAA.

11. Case No. – 2839/2015 Shri Nagendra Singh, OIC, M.P. State Mining Corporation Ltd., Civil Line, Tikamgarh (MP)-472001. Sand Quarry Lease Area- 5.850 ha. Capacity - 1,00,000 cum/year, at Khasra No. – 665, Vill.-Karoula, Teh.-Palera, District-Tikamgarh (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. – 665, Vill.-Karoula, Teh.-Palera,

District-Tikamgarh (MP) 5.850 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. 1259 dated: 01/12/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was earlier presented by the PP and their consultant in the 17th SEAC meeting dated 06/04/2016 wherein it is recorded that;

“during presentation it was observed as per Google image of April, 2014 and February, 2012 that entire lease area is submerged in the water and also the site is located on the upstream of a dam. The Google image submitted by the PP and their consultant along with the presentation was very old and was off June, 2004. The committee also instructed the consultant & PP to always attach recent available Google image with the presentation in the future for realistic assessment of the site. The committee after deliberations decided that since entire lease area is submerged in water as per the Google image of April, 2014 (summer season) the grant of Environmental Clearance is not recommended for this QL for the above mentioned reasons”.

SEIAA vide letter no. 2383/SEIAA/16 dated 05/07/2016 has sent back the file to SEAC stating that *“PP has submitted the recent photographs of the site. The case may be sent to SEAC along with the site photographs for re-appraisal”.*

The case was presented by the PP and their consultant. During discussion it was observed by the committee that the photographs (dated 29/04/2016) submitted by the PP reflect that most parts of the lease is stony and also having vegetation (shrubs). Very thin volume of sand could be observed in one photograph submitted by the PP. The committee after deliberations decided to carryout site visit of this lease after rainy season by a sub-committee for further decision in this case.

As per above decision, the site inspection was carried out by a subcommittee of SEAC on dated 02/04/2017 and the inspection report of the committee is as follows:

BACKGROUND

The case was earlier presented by the PP and their consultant in the 17th SEAC meeting dated 06/04/2016 wherein it was observed that as per Google image of April, 2014 and February, 2012 that entire lease area is submerged in the water and also the site is located on the upstream of a dam. The Google image submitted by the PP and their consultant along with the presentation was very old and was off June, 2004. The committee also instructed the consultant & PP to always attach recent available Google image with the presentation in the future for realistic assessment of the site. The committee after deliberations decided that since entire lease area is submerged in water as per the Google image of April, 2014 (summer season) the grant of Environmental Clearance is not recommended for this QL for the above mentioned reasons”.

SEIAA vide letter no. 2383/SEIAA/16 dated 05/07/2016 has sent back the file to SEAC stating that “*PP has submitted the recent photographs of the site. The case may be sent to SEAC along with the site photographs for re-appraisal*”.

The case was again discussed in the 40th SEAC II dated 25/07/16 wherein during discussion it was observed by the committee that the photographs (dated 29/04/2016) submitted by the PP reflect that most parts of the lease is stony and also having vegetation (shrubs). Very thin volume of sand could be observed in one photograph submitted by the PP. The committee after deliberations decided to carryout site visit of this lease after rainy season by a sub-committee for further decision in this case.

PROJECT DETAILS

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 665, Vill.-Karoula, Teh.-Palera, District-Tikamgarh (MP) 5.850 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. 1259 dated: 01/12/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

As decided, Dr. Navin Chandra, Chairman SEAC and Shri. Mohd. Akram Khan, Member SEAC visited the site on 02/04/2017. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal, Shri Amit Mishra, Mining Officer (M-7415140087) and Shri Ajim Khan, (M-9993409399) MPSMC, were also present.

The site is located near village Karoula on Dhasan River. The site is approached by a kachha road (approx. 04 kms) and connected by a tar road to village Palera on one side and village Nawgaon on other side. The Kachha road is connected up to the lease area. During site inspection it was observed that the lease is on the western bank of the river and stagnant water is on the eastern side of the river bank but covering some part of the lease area. A dam is also in existence which is approx. 12.00 Kms away from the lease and the lease is on the upstream of the dam. It was also observed during site visit that approx. 50 % of the lease area is minable where sand is available and the remaining area is rocky having sand in patches and river water. During inspection at one or two places by pit method the depth of the sand was observed from 2.00 meters to 2.5 meters. The mining officer present during inspection also informed that the sand can be evacuated from this lease after rainy season from November or December every year when water recedes down from the banks and lease area becomes dry. The committee after discussion decided that since during site inspection only 50% of the area (2.925 ha) was minable having sand without river water, same should be considered for the mining and as per mine plan the approved depth is 2.5 meters thus volume of sand recommended for EC is 73,215 cum/year. The photographs taken during site visit are appended for ready references.

The site inspection report was discussed in the committee meeting and committee after deliberation decided that the quantity may be revised as per the recommendations of the committee and case may be recommended for grant of EC as the other submissions made by PP were found satisfactory and acceptable subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 73,215 cum/year.
2. District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.

6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
7. No diversion of active channel should be allowed for mining.

12. Case No.4341/15 M/s Esteem Infrabuild Pvt.Ltd., Shri Kailash Chandra Gupta, P-4, Lal Bahadur Nagar, Durgapura, Distt-Jaipur (RJ)-477001.Prior Environment Clearance for approval of Sand Quarry in an area of 19.830 ha. (59,490 cum/year) at Khasra no.-01, Village-Sunari Majrappali, Tehsil-Indargarh, 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.-01, Village-Sunari Majrappali, Tehsil-Indargarh, District-Datia (MP) 19.830 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 in the form of combined NOC. Concerned Mining Officer vides letter no.-454, dated: 20/08/2015 has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 39.830 ha including this Mine.

The case was presented by the PP and their consultant in 258th meeting dated-05/01/2016 and during presentation it was observed that concerned Mining Officer vides letter no.-454, dated: 20/08/2015 has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 39.830 ha including this Mine. It being 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 TORs:-

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, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.

5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 446 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no.400 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.912 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented today by the PP and their consultant and during presentation it was observed that SEIAA has forwarded Replenishment plan vide letter no. 3555/SEIAA/16 dated 14/09/2016.

The case was presented by the PP and their consultant in the 53rd SEAC II meeting dated 13/10/2016 wherein the submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 59,490 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5486/SEIAA/2017 dated 07/03/2017 has sent back the file to SEAC for clarification as in the mine plan proposed mining lease area is shown as 5.35 ha whereas in the presentation (production plan) the area suitable for mining is shown as 3.699 ha which was placed before the committee. Committee on perusal of case file observed that the during presentation PP submitted that some part of the mining lease was submerged in water and out of 19.830 ha area, only 3.699 ha area is available for mining which is also evident from the Google image of February, 2016 attached with the same presentation and the same was considered for recommendation during presentation. Since the approved quantity of sand as per the mine plan was 59,490 cum/year with 02 meters depth which can be evacuated from the 3.699 ha thus no reduction in sand volume was considered by the committee. Committee

after deliberations decided that above clarification may be sent to SEIAA and committee stands by its recommendation made in the 53rd SEAC II meeting dated 13/10/2016.

13. Case No. – 3145/2015 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. River Sand Mine Lease Area - 15.00 Hec. Capacity - 4,50,000 cum/year, at Khasra No.-1/1, Vill.-Cheepaner, Teh.-Timarni, District-Harda (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. – 1/1, Vill.-Cheepaner, Teh.-Timarni, District-Harda (M.P.) in 15.00 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.-8734 dated:28/07/2015, 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 in the 229th SEAC meeting dated 01/10/2015 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 not exceed 2, 25,000 cum / Year.
2. As per the co-ordinates submitted by the PP, the Google image indicated that even after digging 01-1.5 meters, the sub soil water can be seen in the image and also part of mining lease area falls in the stream. In such situation excavation of such a huge quantity is not possible thus committee recommends reducing the quantity by 50% i.e. 2, 25,000 cum/Year.

SEIAA vide letter no.-5594 dated 10/03/2017 sent this case back to SEAC stating that as per the minutes of 265th SEIAA meeting dated 01/12/2015 “Executive Director, SMC has submitted a representation regarding the decision of 249th SEIAA meeting dated 12/10/2015 wherein the production capacity has been reduced from 4.50 lacks cum/year to 2.5 lacks cum/year. It has been decided that since SEAC has made the recommendation for reduction in the production capacity, the representation may be sent along with the case file to SEAC” which was placed before the committee. On perusal of the case file it was observed by the

committee that the representation submitted by the Executive Director, SMC regarding the decision of 249th SEIAA meeting dated 12/10/2015 wherein the production capacity has been reduced from 4.50 lacks cum/year to 2.5 lacks cum/year is not attached with the case file hence case cannot be reviewed at present. Thus committee after deliberations decided that SEIAA may be requested to forward the representation submitted by “Executive Director, SMC regarding the decision of 249th SEIAA meeting dated 12/10/2015 for further consideration of this project.

SEIAA vide letter no. 5696/SEIAA/17 dated 27/03/2017 has forwarded the representation which was placed before the committee. Committee on perusal of the case file and representation submitted by the Executive Director, SMC regarding the production capacity which has been reduced from 4.50 lacks cum/year to 2.5 lacks cum/year observed that the above decision was taken in the 229th SEAC meeting dated 01/10/2015 wherein the committee has justified the reason for deduction in sand volume. Still with the given co-ordinates as per the mine plan based on the Google image of May, 2016 the situation remains same as observed by the committee in the 229th SEAC meeting dated 01/10/2015 and as per mine plan entire area of 15.00 ha was considered for sand mining with 03 meters depth without deducting any area of bank stabilization and benches for digging within the lease area. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 229th SEAC meeting dated 01/10/2015.

14. Case No. – 3014/2015 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 Nemawr (IV) Sand Mine Lease Area - 3.787 Ha., Capacity - 1,00,000 cum/year, at Khasra No.- 527 Vill.-Nemawr (IV), Teh.-Khatagaon, District-Dewas (M.P.)

This is case of **Nemawr (IV) Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -527, Vill.-Nemawr (IV), Teh.-Khatagaon, District-Dewas (M.P.) 3.787 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.-

1764, dated: 29/09/2015, has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine and total area including this mine is -36.273 ha.

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-37.670 ha. including this mine. 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 some additional TORs.

SEIAA vides their letter no. 11775/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease. SEIAA vides their letter no. 12550/SEIAA/16 dated 22/03/2016 have forwarded the NOC from DFO and other mines within 500 meters. As per revised mining officer certificate of 500 meter radius issued vide letter no. 428 dated 11/03/2016, the MO has reported that there are 06 more mines operating or proposed within 500 meters around the said mine and total area including this mine is 22.27 ha.

The case was presented by the PP and their consultant wherein it was observed by the committee that as per the revised MO certificate of 500 meters radius, this mine becomes non-cluster mine as per MoEF&CC notification dated 15/01/2016. During presentation committee also observed that as per the Google image of November, 2015 based on the co-ordinates provided by the PP that approx.>60% of the QL area is submerged in water and rest 40% area is available for mining that too only the elevated slope from 263 meters to 260 meters so that river bed is not disturbed. Thus committee after deliberations reduced the quantity by 40% i.e. 40,000 cum/year as mid stream mining is not allowed. The other submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 40,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.

- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5672/SEIAA/17 dated 25/03/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 1.00 lacks cum/year to 40,000 cum/year and observed that the above decision was taken in the 16th SEAC II meeting dated 03/04/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 16th SEAC II meeting dated 03/04/2016.

15. Case No. – 3010/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad. Gajanpur-V Sand Mine Lease Area - 2.00 Ha., Capacity - 57,000 cum/year, at Khasra no.-55, Vill.- Gajanpur-V, Teh.-Khatagaon, District-Dewas (M.P.)

This is case of **Gajanpur-V Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 55, Vill.- Gajanpur-V, Teh.-Khatagaon, District-Dewas (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 vides letter no.-1775, dated: 29/09/2015, has reported that there is 05 more mines operating or proposed within 1000 meters around the said mine and Total Area-11.40 ha.

The case was presented by the PP and their consultant in the 242nd SEAC meeting dated 07/11/2015 wherein it was observed that as per the co-ordinates submitted by the PP, the

Google image of February & December shows that 80% of mining lease area falls under water and thus the proposed production capacity of 57,000 cum/year are not possible. The mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA.

SEIAA vide their letter no. 11879/SEIAA/16 dated 16/03/2016 have forwarded the replenishment plan of the above lease.

As above, the case was presented by the PP and their consultant wherein committee observed from the Google image based on the co-ordinates provided by the PP that > 80% of the lease area is still submerged in the water which is also evident from the recent photographs (of dated 25/03/2016) and Google image attached by the PP with the presentation submitted today. The committee after deliberations decided that since only 20% area is minable, the quantity may be restricted to the 11,400 cum/year as mid stream mining is not allowed.

The other submission made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 11,400 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5677/SEIAA/17 dated 25/03/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 57,000 cum/year to 11,400 cum/year and observed that the above decision was taken in the 15th SEAC II meeting dated 27/03/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations

decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 15th SEAC II meeting dated 27/03/2016.

16. Case No. – 2951/2015 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. Gajanpur-1 Sand Quarry Lease Area - 2.00 Ha., Capacity - 60,000 cum/year, at Khasra No.-55, Vill.-Gajanpur-1, Teh.-Khatagaon, District-Dewas (M.P.)

This is case of **Gajanpur-1 Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-55, Vill.-Gajanpur-1, Teh.-Khatagaon, District-Dewas (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.-1771, dated: 29/09/2015, has reported that there are 05 more mines operating or proposed within 1000 meters around the said mina and total area including this mine is 11.40 ha.

The case was presented by the PP and their consultant in the 242nd SEAC meeting dated 07/11/2015 wherein as per the co-ordinates submitted by the PP, the Google image indicates that 40% of ML area falls under water. The demanded quantity is 60,000 cum/year and mining of which is not possible with submergence of 40% area in water as mid stream mining is not permitted. The mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA.

SEIAA vides their letter no. 12346/SEIAA/16 dated 21/03/2016 have forwarded the replenishment plan of the above lease.

As above, the case was presented by the PP and their consultant wherein committee observed from the Google image based on the co-ordinates provided by the PP that > 25% of the lease area from the southern side is still submerged in the water which is also evident from the recent photographs (of dated 25/03/2016) and Google image attached by the PP with the presentation submitted today. The committee after deliberations decided that since only 75% area is minable, the quantity may be restricted to the 45,000 cum/year as mid stream mining is not allowed.

The other submission made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 45,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5679/SEIAA/17 dated 25/03/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 60,000 cum/year to 45,000 cum/year and observed that the above decision was taken in the 15th SEAC II meeting dated 27/03/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 15th SEAC II meeting dated 27/03/2016.

17. Case No. – 3017/2015 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 Nemawr (II) Sand Mine Lease Area - 0.418 Ha., Capacity - 12,000 cum/year, at Khasra No.- Vill.-Nemawr (II), Teh.-Khatagaon, District-Dewas (M.P.)

This is case of **Nemawr (II) Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-527, Vill.-Nemawr (II), Teh.-Khatagaon, District-Dewas (M.P.) 0.418 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.-1766, dated: 29/09/15, has reported that there is 09 more mines operating or proposed within 1000 meters around the said mine and Total Area- 35.77 ha.

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-37.670 ha including this mine. 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 some additional TORs.

SEIAA vide their letter no. 11783/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease. SEIAA vide their letter no. 12552/SEIAA/16 dated 22/03/2016 have forwarded the NOC from DFO and other mines within 500 meters. As per revised mining officer certificate of 500 meter radius issued vide letter no. 428 dated 11/03/2016, the MO has reported that there are 04 more mines operating or proposed within 500 meters around the said mine and total area including this mine is 15.77 ha.

The case was presented by the PP and their consultant wherein it was observed by the committee that as per the revised MO certificate of 500 meters radius, this mine becomes non-cluster mine as per MoEF&CC notification dated 15/01/2016. During presentation committee also observed that as per the Google image of November, 2015 based on the coordinates provided by the PP that approx.>25% of the QL area is submerged in water and rest 75% area is available for mining that too only the elevated slope from 267 meters to 264 meters so that river bed is not disturbed. Thus committee after deliberations reduced the quantity by 25% i.e. 9,000 cum/year as mid stream mining is not allowed. The other submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 9,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.

- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5670/SEIAA/17 dated 25/03/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 12,000 cum/year to 9,000 cum/year and observed that the above decision was taken in the 16th SEAC II meeting dated 03/04/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 16th SEAC II meeting dated 03/04/2016.

18. Case No. – 3031/2015 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. Gola Malgajari (B) River Sand Mine Lease Area - 6.00 Ha., Capacity - 1,50,000 cum/year, Khasra No.-1/1, to 6 & 47, Vill.- Gola Malgajari (B), Teh.-Handiya, District-Harda (M.P.)

This is case of Gola Malgajari (B) River Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-1/1, to 6 & 47, Vill.- Gola Malgajari (B), Teh.-Handiya, District-Harda (M.P.) 6.00 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.-10805 dated: 10/09/15 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 12.00 ha including this mine.

SEIAA vides their letter no. 12348/SEIAA/16 dated 21/03/2016 have forwarded the replenishment plan of the above lease.

As above, the case was presented by the PP and their consultant in the 15th SEAC II meeting dated 27/03/2016 wherein committee observed from the Google image based on the co-ordinates provided by the PP that > 75% of the lease area is still submerged in the water which is also evident from the recent photographs (of dated 25/03/2016) and Google image attached by the PP with the presentation submitted today. The committee after deliberations decided that since only 25% area from southern side is minable, the quantity may be restricted to the 37,500 cum/year as mid stream mining is not allowed.

The other submission made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 37,500 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5627/SEIAA/17 dated 16/03/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 1,50,000 cum/year to 37,500 cum/year and observed that the above decision was taken in the 15th SEAC II meeting dated 27/03/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 15th SEAC II meeting dated 27/03/2016.

19. Case No. – 3146/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad. River Sand Mine Lease Area - 20.242 Capacity - 4,00,000 cum/year, at Khasra No.-149/1, Vill.-Joshipur, Teh.-Budhni, District-Sehore (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.-149/1, Vill. - Joshipur, Teh.-Budhni, District-Sehore (M.P.) in -20.242 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.

The case was earlier discussed in the 229th SEAC meeting dated 01/10/2015 wherein it was observed that; 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 list the 03 mines are in the cluster and total area-55.016 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
1.	M.P. State Mining Corporation, Hoshangabad	Joshipur	149/1	20.242
2.		Baghwara-1	352/340	18.107
3.		Baghwara-2	352/340	16.667
		Total		55.016

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.

As per the above, the TOR was issued to the PP vide letter no. 1836 dated 12/10/2015.

MP State Mining Corporation Limited, Bhopal vide their letter no.394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2084 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant in the 51st SEAC II meeting dated 11/10/2016 wherein during presentation it was observed that PP has submitted revised mining plan with quantity for 2,00,000 cum/year vide letter dated 30/8/2016 which is forwarded by SEIAA vide letter No. 3318 dated 01/09/2016. PP has also submitted replenishment plan vide letter dated 07//09/2016 which is forwarded by SEIAA vide letter no. 3483 dated 12/09/2016. Conservation of forest department vide letter no.2459 dated-03/09/2016 has issued revised DFO certificate and as per the revised certificate the lease area is only 8.150 km away from the RATAPANI Abhayaran (a Notified PA). PP has submitted the copy of online application made for wild life clearance and has applied online for wild life clearance with proposal no. FP/MP/MIN/1056/2015 and date of submission is 09/10/2016. The submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 2,00,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.

- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 4487/SEIAA/16 dated 26/11/2016 has sent back the file for re-appraisal stating that DFO, Sehore has indicted Ratapani Sanctuary to be 8.15 kms from the mining site and the same was placed before the committee. The committee on perusal of case file and minutes of of the 51st SEAC II meeting dated 11/10/2016 observed that it was clearly mentioned in the minutes of this meeting that “*Conservation of forest department vide letter no.2459 dated-03/09/2016 has issued revised DFO certificate and as per the revised certificate the lease area is only 8.150 km away from the RATAPANI Abhayaran (a Notified PA). PP has submitted the copy of online application made for wild life clearance and has applied online for wild life clearance with proposal no. FP/MP/MIN/1056/2015 and date of submission is 09/10/2016*”. Thus committee after deliberations decided that case may be recommended for grant of EC as per the recommendations of 51st SEAC II meeting dated 11/10/2016 with one additional condition that “EC would be subject to necessary Wild Life Clearance from NBWL to be obtained by PP”.

20. Case No. 4121/15 Shri Suresh Bhai Patel S/o Shri Kanti Bhai Patel R/o Rapat Road, Tehsil-Jawra, District-Ratlam (MP)-457226 Prior Environment Clearance for approval of Stone Quarry in an area of 3.00 ha. (14,250 cum/year) at Khasra No.-33/2, Village-Rojana, Tehsil-Jawra, District-Ratlam (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.-33/2, Village-Rojana, Tehsil-Jawra, District-Ratlam (MP) 3.0 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. Concerned Mining Officer

vide letter no.-1124 dated: 21/7/2015, has reported that there are 06 more mines operating or proposed within 500 meters around the said mine and total area 14.298 ha including this mine.

The case was discussed in the 03rd SEAC II meeting dated 02/04/2016 wherein it is recorded that 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':

- Production of Stone as per mine plan with quantity not exceeding 14,250 cum/year.
- Near the ML area shades like structures are in existence approx. 150 meters away. Thus PP was asked to erect a barrier wall of 03 meters of suitable material.

SEIAA vide letter no. 769/SEIAA/16 dated 18/04/2016 has sent back the file for site visit as mining site is close proximity to water body and a huge industrial complex which was placed before the committee. Later on SEIAA vide letter no. 5244/SEIAA/17 dated 09/02/2017 has forwarded another letter submitted by PP on dated 01/02/2017 wherein PP has requested for withdrawal of their case as the mine plan has expired in 2016. The committee on perusal of the case file observed that it is true that the mine plan submitted by the PP along with the EC application was valid up to 2015-16 and also the lease agreement was for a period from 02/08/2006 to 01/08/2016 which too has expired. Thus committee after deliberations decided that case may be recommended for delisting on above grounds considering PP's request and file may be sent to SEIAA for onward necessary action.

21. Case No. – 3142/2015 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. River Sand Mine Lease Area - 7.810 Capacity – 7,200 cum/year, at Khasra No.-62, Vill.-Chandgaon Mal, Teh.-Timarni, District-Harda (M.P.)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-62, Vill.-Chandgaon Mal, Teh.-Timarni, District-Harda (M.P.) 7.810 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.-13334, dated: -29/09/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vide letter no. 936/SEIAA/16 dated 25/04/2016 have forwarded the replenishment plan submitted by the PP.

The case was presented by the PP and their consultant in the 27th SEAC II meeting dated 25/05/2016 wherein it was observed that safe zone from the western bank is not left thus committee decided that 10 meter area be left from the western bank of the QL as no mining area to avoid bank erosion. It was also observed that railway line is passing near the lease which is approx. 230 meters away.

After presentation and deliberations PP was asked to submit following informations:-

- a. DFO Certificate.
- b. Costs benefit analysis.

PP vide letter dated 13/06/2016 submitted the DFO certificate issued vide letter no. 1469 dated 10/08/2015 which was placed before the committee in the 31st SEAC II meeting dated 15/06/2016. Committee on perusal of the certificate observed that the DFO as mentioned that the lease area is adjacent to the forest boundary and thus has not recommended the case. The committee after deliberations decided that since the mine lease area is adjacent to the forest boundary PP may be asked to obtain NOC from the Divisional Commissioner Level Committee constituted for this purpose as per SEIAA OM No. 4253 dated 03/08/2015.

PP vide letter no. 76 dated 19/01/2017 was reminded to submit the above information for further consideration of the project but till date no information is submitted by PP. The above case was placed before the committee as PP has not submitted the desired information since long. The committee observed that since PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information and pending since long.

22. Case No.-5251/2016 Shri Israil Khan S/o Shri Mammu Khan, Vill. Hasanpaliya, The. Piplouda, Dist. Ratlam. Prior Environment Clearance for River Sand Deposit in an area

of 6.0 ha. (3180 cum/year) at Khasra no.-130, Village-Badoda, Tehsil - Ratlam, Dist. Ratlam

This is case of River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-130, Village-Badoda, Tehsil - Ratlam, Dist. Ratlam (MP) 6.00 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. 1596, dated: 29/10/15 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in the 46th SEAC II meeting dated 26/08/2016 wherein during presentation it was observed as per the Google image based on the co-ordinates provided by the PP that a culvert is in existence in the lease area thus PP was asked to leave 100 meters from the both sides of the lease area. After presentation, PP was asked to submit following information:

1. Sand excavation details of last 05 years from this lease.
2. Details the normal water level prevalent in the lean season.
3. Revised CSR and scheme of plantation with enhanced budgetary provisions.

PP vide letter no. 1449 dated 16/09/2016 and 74 dated 19/01/2017 was reminded to submit the above information for further consideration of the project but till date no information is submitted by PP. The above case was placed before the committee as PP has not submitted the desired information since long. The committee observed that since PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information and pending since long.

23. Case No. – 2627/2015 Shri Pradeep Kumar Mittal, Director, M/s Balaji Marble and Tiles Pvt. Ltd., 11-12, Dunne Market, Jabalpur Road, Bargawan, Distt.-Katni

Rajasarai. River Sand Quarry Lease Area - 6.00 ha.,Capacity - 1,71,500 cum/year at Khasra no.-Vill.-Rajasarai, Teh.-Singrauli, Distt.- Singrauli (M.P.)

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.-76, Vill.-Rajasarai, Teh.-Singrauli, Distt.-Singrauli (M.P.) 6.00 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. 1610, dated: 22/08/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

SEIAA vides their letter no. 2542/SEIAA/16 dated 13/07/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant in the 40th SEAC II meeting dated 25/07/2016. During discussion, it was observed by the committee that in the annual replenishment plan submitted by the PP and approved by the competent authority, it is mentioned that "*Required quantity of sand is available at the QL area. Annual production capacity is 1,71,000 cum/year which will not be easily replenished*", which reflects that as per the annual replenishment plan the desired volume of sand will not be available for evacuation of sand from the allotted lease. The above lease is allotted/sanctioned by the office of the collector, singrauli vide letter no. 1552 dated 30/10/2014. The committee after deliberations decided that Collector, Singrauli may be requested to submit an inspection report regarding the present status of sand availability at this particular lease and volume of sand evacuated during last 05 years from this lease for further consideration of the project.

The Collector, singrauli and PP vide letter no. 1259 dated 04/06/2016 and 91 dated 03/02/2017 were reminded to submit the above information for further consideration of the project but till date no information is submitted by them. The above case was placed before the committee as desired information is not submitted since long. The committee observed that since desired information is not submitted nor any one has requested for providing additional time to submit desired information and thus decided that this case may be

recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 for not submitting the desired information or SEIAA may also write a letter to The District Collector, Singrauli for providing desired information for further consideration of the project.

24. Case No. – 2628/2015 Shri Pradeep Kumar Mittal, Director, M/s Balaji Marble and Tiles Pvt. Ltd., 11-12, Dunne Market, Jabalpur Road, Bargawan, Distt.-Katni. Harraiya River Sand Quarry Lease Area - 7.00 ha, Capacity -1,99,500 cum/year. at Khasra no.-320, 432, ill.-Harraiya, Teh.-Singrauli, Distt.- Singrauli (M.P.)

This is case of Harraiya River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-320, 432, ill.-Harraiya, Teh.-Singrauli, Distt.- Singrauli (M.P.) 7.00 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. 1612 dated: 22/8/15 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant in the 46th SEAC II meeting dated 26/08/2016 wherein during presentation it was observed by the committee that the annual replenishment plan submitted by PP states that “**the annual production capacity which will be excavated at the QL area will not be replenished**”, which is somewhat unusual and this plan is also approved by the competent authority i.e. Regional Head, Geology and Mining, Rewa. Committee after discussion decided that the comments on above replenishment plan and its recommendations may be obtained from Director, Geology & Mining and Regional Head, Geology and Mining, Rewa for further consideration of this project.

The Dy. Director, Regional Office, Geology and Mining, Rewa and PP vide letter no. 1463 dated 16/09/2016 and 89 dated 03/02/2017 were reminded to submit the above information for further consideration of the project but till date no information is submitted by them. The above case was placed before the committee as desired information is not submitted since long. The committee observed that since desired information is not submitted nor any one has requested for providing additional time to submit desired information and thus decided that

this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 for not submitting the desired information or SEIAA may also write a letter to Dy. Director, Regional Office, Geology and Mining, Rewa for providing desired information for further consideration of the project.

25. Case No.4219/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, Jaipur (Raj.)-472001. Prior Environment Clearance for approval of Sand Quarry in an area of 20.00 ha. (6,00,000 cum/year) at Khasra no.-591/1228, Village-Govarde, Tehsil-Manpur, District-Umaria (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-591/1228, Village-Govarde, Tehsil-Manpur, District-Umaria (MP) 20.00 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.1739, dated: -10/09/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in the 257th SEAC meeting dated 04/01/2016 wherein it was observed that the evacuation route proposed by the PP apparently passes through Bahdhavgarh Tiger Reserve Area (Proposed Route by PP is - ML area to Umaria via Tala). Thus committee decided to confirm from the Chief Wild Life Warden, Bahdhavgarh Tiger Reserve, Bandhavgarh whether the said route forms part of the Bandhavgarh Tiger Reserve and also obtain specific comments on evacuation of such a huge quantity of mineral (6,00,000 cum/y) from the proposed route.

SEIAA vides their letter no. 51/SEIAA/16 dated 01/04/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant in the 17th SEAC II meeting dated 06/04/2016 wherein in PP i.e. MP State Mining Corporation Ltd has informed that vide letter no. 1079 dated 11/03/2016 they have proposed an alternate route for evacuation of sand from Govarde sand mine which will now be transported from Govarde sand mine to Tohta Turn to Bauhari to Rewa avoiding Bahdhavgarh Tiger Reserve Area.

During presentation, it was observed that the lease area of Khasra no. 591/1228 is in two parts and a bridge is crossing the lease. It was also observed by the committee that the part of both the leases located in Khasra no. 591/1228 is submerged in water and a natural drain is joining the lease at southern side. Considering above situation committee decided that approx. 35% of the area become unminable and thus only 3,90,000 cum/year of sand be allowed to be evacuated. Other submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 3,90,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5356/SEIAA/17 dated 27/02/2017 has forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 6.00 lacks cum/year to 3.90 lacks cum/year and observed that the above decision was taken in the 17th SEAC II meeting dated 06/04/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided that since the mid stream mining is not allowed, the committee stands by the recommendations made in the 17th SEAC II meeting dated 06/04/2016.

26. Case No.4370/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, District-Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 24.747 ha. (1,73,223 cum/year) at Khasra no - 870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (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 -870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (MP) 24.747 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. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 ha including this mine.

The case was earlier discussed in the 268th SEAC meeting dated 05/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 ha including this mine. It being 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 TORs:-

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, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.

6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 230 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1049 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant in the 48th SEAC II meeting dated 28/08/2016 wherein during presentation it was observed by the committee that as per the Google image of February 2016 based on the co-ordinates provided by the PP that there is

existence of dam in the lease area and entire lease area is appears to be submerged in back water of the dam. Hence committee after deliberations decided to obtain comments from the concern collector for submergence of lease area in back water of river/dam considering the opinion of concerned dam authority. PP was also asked to submit Revised mine plan incorporating the additional chapter on annual replenishment of sand in the leased area and the normal water level prevalent in the lean season as per the policy decision taken by SEIAA in its 284th meeting dated 23/01/2016.

The Collector, Gwalior vide letter no. 1498 dated 13/10/2016 and PP vide letter no. 1500 dated 13/10/2016 were requested to submit the above information for further consideration of the project but till date no information is submitted by them. The above case was placed before the committee as desired information is not submitted since long. The committee observed that PP has submitted the desired information which was forwarded by the SEIAA vide letter no. 5204/SEIAA/2017 dated 04/02/2017 but comments from the concern collector for submergence of lease area in back water of river/dam considering the opinion of concerned dam authority are still awaited. Since desired information is not submitted nor has requested for providing additional time to submit desired information committee decided that case may be sent to SEIAA for onward necessary action and requesting SEIAA to write a letter to The District Collector, Gwalior for providing desired information for further consideration of the project.

27. Case No. -5173/16 Shri Raman Singh Yadav S/o Shri Mohan Singh Yadav, Lessee, Vidisha Road, Lambardar Gali, 8/345, District-Ashok Nagar (MP)-402408. Prior Environment Clearance for Sand Deposit Mining Quarry in an area of 6.355 ha. (3,040 cum/year) at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP)

This is case of Sand Deposit Mining Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP) 6.355 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. --,

dated: ---, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in the 25th SEAC II meeting dated 17/05/2016 wherein it is recorded that *“The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project”*.

The case was again scheduled for presentation in the 36th SEAC II meeting dated 04/07/2016 but PP remains absent. However, a complaint was received for this project which was placed before the committee. The Committee observed that as per the complaints, villagers of Gram-Kailars have submitted that the operation of mine will affect adversely as the distance is only 150 meters from the village. It is further submitted that two different certificates are issued by the Tehsildar and Collector for the same mine which are different from each other. It was also observed by the committee on perusal of the file that Tehsildar vide letter no. 88 dated 07/04/2015 has stated that within 500 meters of mine a village and a school is in existence while the certificate issued by the Collector (which is submitted as Annexure-4) states that village is in existence which is approx. 500 meters away. Committee further examined the certificate issued by the “Office of the Gram Panchayat- Padamchata, Gram- Kailaras”, issued vide letter no. 03 dated 27/12/2011 which states that sand is transported from the sindh river but sand mine is not in existence.

The committee after deliberations decided that a clarification may be obtained from the Collector on issuance of two certificates which are different from each other and PP may be asked to submit certified copy of Gram Sabah’s “ढहराव प्रस्ताव” for further consideration of the project within 30 days for further consideration of the project.

PP vide letter no. 1196 dated 18/07/2016 and 85 dated 03/02/2017 was reminded to submit the above information for further consideration of the project but till date no information is submitted by PP. The above case was placed before the committee as PP has not submitted the desired information since long. The committee observed that since PP has neither submitted the desired information nor has requested for providing additional time to submit

desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information and pending since long.

28. Case No.-1679/13 M/s Tall Minerals, 7/26, Tilak Ward, Civil Lines, District-Mandla (MP). Environment Clearance for approval of 4.450 ha. Limestone/Dolomite mine at Khasra no.-36, 46, 47, 48, 49, 50, 30 & 32, Village - Bhanwartal, Tehsil-Bichhiya, Distt-Mandla (M.P.)

This is case of Limestone/Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-36, 46, 47, 48, 49, 50, 30 & 32, Village - Bhanwartal, Tehsil-Bichhiya, Distt-Mandla (M.P.) 4.450 Ha. The project requires prior EC before commencement of any activity at site.

The case was earlier discussed in the 23rd SEAC meeting dated 06/05/2016 wherein it is recorded that *“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. PP was also absent in the 18th SEAC II meeting dated 13/04/2016. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project”*.

The case was scheduled for presentation in the 36th SEAC II meeting dated 04/07/2016 wherein PP and their consultant were present. During presentation PP submitted that their mine plan has been expired and they have submitted new mine plan for approval to the competent authority. PP has also submitted a written request for this vide their letter dated 04/07/2016. Committee after deliberations decided that on the request of PP 02 months time may be given to PP for submission of mine plan through SEIAA.

Later on in the 47th SEAC II meeting dated 27/08/2016 case was recommended for transfer to DEIAA as lease area of mine is <5.00 ha and being these cases now treated as non-cluster as per GOI, MoEF&CC notification dated 01/07/2016, the case may be transferred to DEIAA through SEIAA as per GOI, MoEF&CC notification dated 15/01/2016.

SEIAA vide letter no. 3904/SEIAA/16 dated 06/10/2016 has sent back the file to SEAC for clarification stating that this is a case of major minerals where limestone reserves are also available which was placed before the committee. Committee on perusal of the case file observed as per the approved mine plan (which is now expired) only dolomite is available as per the reserve and mine plan is also approved for the dolomite hence it's not a case of major

mineral as per the approved mine plan. However, so far PP has not submitted the approved mine plan as discussed in the 36th SEAC II meeting dated 04/07/2016. The committee observed that since PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information and pending since long.

29. Case No. – 2744/2015 Shri Raghvendra Singh S/o Shri Meghraj Singh, C-28, Hanuman Nagar, Khetpura, Jaipur (RJ)-302012. Sand Quarry Lease Area - 7.50 ha. Capacity - 2,20,000 cum/year, at Khasra No. 01 Vill.-Sunhara, Teh.-Ajaygarh, District-Panna (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. 01, Vill.-Sunhara, Teh.-Ajaygarh, District-Panna (MP) 7.50 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 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. 985 dated: 27/05/2015 has reported that there is no mine operating or proposed within 1000 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 43rd SEAC-II meeting dated-28/07/2016, wherein it was observed that:

“The case was discussed in the 251st SEAC meeting dated 16/12/2015 wherein it is mentioned that 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 as per mine plan with quantity not exceeding 2,20,000 cum/year”.*

SEIAA vide their letter no. 3242/SEIAA/16 dated 02/07/2016 has forwarded the replenishment plan submitted by PP.

The case was presented by the PP and their consultant wherein after presentation, PP was asked to submit details of sand evacuated from this lease since last 05 years for further consideration of the project.”

PP vide letter dated 04/11/2016 has informed that this mine is auctioned first time hence sand evacuation details cannot be furnished which was placed before the committee. The committee observed that since PP has submitted the replenishment plan which is approved by the competent authority, hence case can be considered on the basis of replenishment study for the proposed quantity. Hence the 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 as per mine plan with quantity not exceeding 2,20,000 cum/year.
2. District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
7. No diversion of active channel should be allowed for mining.

SEIAA vide letter no. 5170/SEIAA/17 dated 01/02/2017 has sent back the file to SEAC stating that sand after recovery loss is 1,31,250 cum/year (page 10 of the approved mine plan) whereas SEAC has recommended production capacity of 2,20,000 cum/year and sent back the file for re-appraisal which was placed before the committee. The committee on perusal of the case files observed that PP vide letter dated 20/04/2015 has submitted the duly approved mine plan (issued by competent authority vide letter no. 1795 dated 17/04/2015) which was forwarded by the SEIAA vide letter no. 882/SEIAA/15 dated 02/05/2015 wherein the approved quantity is 2,20,000 cum/year and the same was considered during the evaluation of the project by the committee and recommendations were made in the 59th SEAC II meeting dated 11/11/2016. Committee also observed that the query raised by SEIAA vide letter no. 5170/SEIAA/17 dated 01/02/2017 probably based on the mine plan submitted by PP along with the Form-1 on dated 04/04/2015 (forwarded by SEIAA) which

is not approved by the competent authority. Committee after deliberations decided that the case may be sent to SEIAA for necessary action with above clarifications.

SEIAA vide letter no. 5587/SEIAA/17 dated 10/03/2017 has sent back the file to SEAC stating that from the Google map of Nov., 2016 80% of the lease area appears to be submerged under water and sent back the file for clarification on availability of sand in 7.5 ha area (2,20,000 cum/year) which was placed before the committee. Committee on perusal of case file observed that this case was recommended by the committee in its 251st meeting dated 16/12/2015 wherein it is not clear from the minutes that during appraisal of the project committee taken the cognizance of Google image or not. However, Asstt. Mining Officer vide letter no. 649/11/m/3/6/2017 dated 06/04/2017 (referring the minutes of 412th SEIAA meeting dated 02/03/2017) has submitted physical verification report of mining inspector for the above lease stating that October onwards the water level reduces and since then evacuation of sand can be achieved. Asstt. Mining Officer has also attached the photographs duly signed by the mining inspector of the lease showing the availability of sand on lease. Committee also perused the physical verification report of mining inspector wherein mining inspector has submitted that from October onwards water starts receding from the lease thus it can not be concluded that from October, 100 % lease is available for mining. Mining Inspector has also submitted that since last 05 months lease is not submerged in water. Considering the observation of SEIAA (as per the minutes of 412th SEIAA meeting dated 02/03/2017) and physical verification report submitted by Asstt. Mining Officer (vide letter no. 649/11/m/3/6/2017 dated 06/04/2017) evacuation of 2,20,000 cum/year sand is not feasible as entire lease area is considered for sand evacuation i.e. 75,000 sq. meter with 03 meter depth. Committee further observed that PP has proposed 03 meters depth without leaving any area for slope/incline/bench formation for manual working of sand so that labour can go down in the 03 meter deep pit for sand evacuation and the same is not reflected from the maps attached with the mine plan. Considering above issues i.e. submergence of lease in water as per the observation of SEIAA (based on the Google image of November, 2016), physical verification report submitted by the Asstt. Mining Officer and Mining Inspector and proposed working in 03 meter deep without leaving any area for slope/incline/bench committee decided to reduce the quantity by 40% and also recommend to amend the recommendation made in the 251st meeting dated 16/12/2015 and 66th SEAC II meeting dated 06/02/2017 as follows:

1. Production of Sand as per mine plan with quantity not exceeding 1,32,000 cum/year.

2. District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
7. No diversion of active channel should be allowed for mining.

(Dr.Mohd. Akram Khan, Member)

(Mohd. Kasam Khan, Member)

(Prashant Shrivastava, Member)

(Rajendra Kumar Sharma, Member)

(Dr.Sonal Mehta, Member)

(Dr. Navin Chandra, Chairman)

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
12. 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.
13. Mining should be done as per the submitted land use plan submitted by PP.

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. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.
17. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. 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.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
5. The mining activity shall be done manually.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
12. The mining shall be carried out strictly as per the approved mining plan.