

The 70th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 15th March, 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.

1. Case No. 1826/2014 Mrs. Priyanka Sharma, M/s Narayan Metals and Minerals, Shop No. 3, City Bengali Club Market, Karamchand Chowk, Jabalpur (M.P.)-482006.Prior Environment Clearance for approval of proposed Gosalpur Manganese Ore, Blue, Dust, Laterite & Iron Ore Mine in an area of 12.77 ha.Capacity from 2900 TPA to 1,04,709 TPA at Khasra no.116, Vill.-Gosalpur, Th.-Sihora, District-Jabalpur (M.P.) (EIA Consultant: CES, Bhopal)

This is case of Manganese Ore, Blue, Dust, and Laterite & Iron Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no.116, at Vill.-Gosalpur, Th.-Sihora, District-Jabalpur (M.P.) 12.77 ha. The project requires Prior EC before commencement of any activity at site.

Environment setting

Particulars	Details
Locations	
Village	Gosalpur
Tehsil	Sihora
District	Jabalpur
State	MP
Latitude	23° 23'40.1" to 23° 23'57.9" North
Longitude	80° 02'49.7" to 80° 03'00.7" East
Co-Ordinate	1. 23° 23' 57.9" - 80° 02'59.5" 2. 23° 23' 40.1" - 80° 02'58.3" 3. 23° 23' 49.9" - 80° 02'50.3"

	4. 23° 23' 57.5" - 80° 02' 56.9"
Nearest Village	Gosalpur - 0.50km - E
Nearest National/state Highway	Jabalpur – Varanasi - NH-7 – 0.85 km- ESE
Nearest Railway Station	Gosalpur - 2.0 km
Nearest Airport	Jabalpur - 24.0 km
Nearest Tourist Place within 10km radius.	None within 10km radius
Archaeological Important Place within 10km radius.	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None within 10km radius
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Borha RF -9.0km - SE
Nearest River	Heran River - 2.0 Km - NW Barne Nadi - 7.0km – ENE
Nearest Nalla/ pond	Budhasagar Tank - 4.0km – SW Barne Reservoir - 9.0km - SE Maral Reservoir - 10.0km – SE Gosalpur Talab - 1.5km – ESE Local Nalla - 0.7km - N
Nearest Hill Ranges	None within 10km radius
Other lease area within 500m radius	Lease area of M/s S. S. Enterprises
Other lease area within 2 km radius	M/s S. S. Enterprises, Gosalpur (running) M/s Sai Industries, Dhamdha (proposed) M/s Shobha Mineral, Keolari (running)
Industry within 10km radius	1. Beneficiation plant of M/s Sagar Stone, Dhamki 2. Beneficiation plant of Mr. Rajeev Chaddha, Dhamki 3. Beneficiation plant of M/s Jakodiya Minerals, Dhamki
Surrounding features within 500m	East – Other mine, waste land, habitation South east- Waste land, temporary ware house South – Waste land, South west – Waste land West- Poultry farm, waste land, agricultural land North west- Waste land, agricultural land, North – Waste land, agricultural land

It was reported by the PP that

- The fresh lease was granted for period of 20 years from 08.04.2009 to 07.04.2029.
- The lease area comes under govt. waste land

- One other lease area are located within 500m radius
- The PP has already been obtained environmental clearance from SEIAA vide letter no. 256/EPPCO-SEIAA/10 dated 26/07/2010for existing capacity. Present proposal for capacity expansion from 2900 TPA to 104709TPA. Lessee has already been obtained certified compliance report from regional office of MoEFF&CC and its found satisfactory
- The scheme of mining with progressive mine closure plan has been approved by IBM, Nagpur
- The Laterite of the lease area is amenable to break by rock breaker while the iron ore (fines) is very friable in nature and directly amenable to excavation. Hence no blasting is required.

Salient feature of the lease area

Particulars	Details
Type of Mine	Open Cast /OTFM
Mining Lease Area	12.77 ha
Mineable Area	4.1225 ha
Existing Pits & Quarries	0.6277 ha
Existing Dumps	0.3432 ha
Existing Infrastructure	Nil
Existing road	0.1280 ha
Existing garland drain, settling tank	0.10 ha
Mineral Storage	0.32 Ha
Plantation	0.50 ha
Recoverable Reserve	821151 MT
Present depth of mining	4m above ground level (394m MSL)
Ultimate Depth of Mining	14m bgl (376m MSL)
Ultimate Pit Slope	60-80 ^o
Expected Life of Mines	8 years

Lease Period	50 year from 2009 to 2059
Thickness of lateritic soil	0.0 mm
Stripping Ratio	1 :0.49 to 1:0.85
Mode to transportation	Road
Area to be covered under dumps in conceptual period	1.42 ha
Area covered under pit in conceptual period	4.1225 ha
Area to be reclaimed by conceptual period	0.0245 ha
Area to be covered under plantation by conceptual period	5.4170 ha
Area to be covered under water reservoir	1.6225 ha
Area to be covered under Infrastructure (beneficiation plant)	2.03 ha
Area to be covered under road	0.1280 ha
Area to be covered under garland drain, settling tank	0.2634 ha
MSL	441-390m
Ground water table	
Monsoon period	10m bgl (380m MSL)
Dry month	12m bgl (378 m MSL)
Total production per day	374MT
Dumper requirement per day (24tonne capacity)	16

Details of existing pits

Pit No.	Size of the pit	Average Height/ Depth-M	Location	Logging in meter
PIT -1	0.2450	2-12m	E	0.00-2.0m -Laterite & lateritic Iron ore 2.00-to 12m - Iron ore with phyllites (Micaceous hematite as iron ore)
PIT-2	0.051	6-8m	SW OF PIT -1	0.00-8.00m Mn ore with

				Laterite & lateritic iron ore
PIT-3	0.32	2-10m	SW OF PIT -2	0.00-1.50m - Laterite as lateritic iron ore 1.50.00-to 10m - Phyllites

Existing and proposed land use plan

	Existing	Conceptual period
Total lease area	12.77ha	
Ultimate depth of mining	4m above Ground level (394mRL)	14m bgl (376mRL)
Ultimate pit slope	60-80°	60-80°
Area under dumps	0.3432ha	1.42ha
Area under pits	0.6277ha	4.1225ha
Area to be reclaimed	Nil	0.0245ha
Infrastructure & Road	0.1280ha	2.1580 ha
Mineral storage	Nil	Nil
Plantation	0.50ha	5.4170 ha
Garland drain, settling tank	0.10 ha	0.2634 ha
Water body	0.32 ha	1.6225 ha

Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee in the 154th meeting dated 10/11/2014. After deliberations following additional TORs' have been prescribed for inclusion in the EIA report:

- Report on compliance of the EC conditions, duly authenticated, to be submitted.

- Production data for previous years with due validation from the concerned authority to be submitted.
- Hydro-geological studies to be carried out in view of ground water inception.
- Transport route from mine site up to the main road for transporting the material to be detailed.
- Air Quality assessment shall be carried out considering the other existing mines within 2 Km radius.
- Drawing and dimension of the ultimate water body intent to be developed after the mine is exhausted to be furnished.
- The baseline data being collected may be used in the EIA report.

PP made a request for revised TOR as physical beneficiation is to be added in the project and for which the case was presented by the PP and their consultant for additional TOR in the 268th SEAC meeting dated 16/01/2016 wherein after deliberations following additional TORs' have been prescribed for inclusion in the EIA report for physical beneficiation:

1. Issue of tailing leachates and its management be discussed in the EIA report.
2. Disposal of tailing residues/wastes should be addressed in the EIA.
3. Revised water balance be submitted in the EIA report incorporating requirement for the physical beneficiation.

PP has submitted the EIA report vide letter dated 08/03/2017 which was forwarded by the SEIAA vide letter 5520/SEIAA/2017 dated 10/03/2017. (A copy of the EIA report was also submitted by PP to SEAC vide letter dated 08/03/2017)

The case was presented by the PP and their consultant wherein it was informed by the PP that existing mining is being carried out by the open cast manual method using hand tools such as spades, chisel, hammer etc. and very occasionally heavy earth moving machineries for excavation, loading & transportation will be used. Three to four developments cum production benches of 2-6m height have developed at the south-eastern side of pit 1. The use of rock breaker has been done to loosen the boulder and massive formation. Proposed development will be carried out with 9 benches of each 6m height and all benches will be development cum production benches. The individual bench faces will keep nearly vertical (80° - 85°) while the pit slope will be less than 45° .

Committee observed that the mine is on hillock having 51 mt elevation differences. The mining is proposed over lower central part of the area. Western area shall be earmarked for the beneficiation plant and the lease is surrounded by the poultry farm, warehouses and Gosalpur village and all these features are within the 500 meters zone of the lease. PP

submitted that entire mining operations will be carried out by the excavator and rock breaker and no blasting will be carried out on this lease considering the nearby habitations.

During presentation it was submitted by PP that presently 0.6277ha area has been excavated up to 382mRL and during the ensuing five year development, fresh area of 1.3ha will be developed around the pit no.1 and pit-2 and cumulative area around 1.9277ha will be developed, the Mn ore zone will be developed up to 410mrl while iron ore fines zone will be developed with 382mrl (avg.) i.e. average 18mdeep with a semi rectangular shape. Ground water seepage may encounter because the proposals of 5th year will be near to GWT hence in post monsoon season continuous dewatering will be done with two to three 10HP water pumps. It has been observed that only 0.6277ha area has already been excavated during past mining. During the life of mine total 4.1225 ha area will be excavated and out of 4.1225ha excavated area, 0.0245ha area will be completely reclaimed by using mine reject, OB and soil. During the mine life about 5.4170ha area will be afforested while 0.5ha area has already been planted during past mining period with 500 no. of trees. Presently 0.3432ha area is covered under inactive dumps.

For evacuation of minerals and other mining operations haulage roads of 10-11m wide will be developed from south west to north east of the proposed area and also at required places. It will be laid at maximum 1: 16 gradient from surface MSL of 400m to pit bottom at 382m MSL within by roads to the faces of individual benches. The width of road will be three times of dumper and 1m additional will be left on each side of the dumper width i.e. 10-11m will be the total width and after making haulage road proper bench advance will be left.

For beneficiation with maximum capacity of 1,00,000 MT/Year, it was presented by the PP that the low grade mined iron ore will be transported to the crushing and screening plant by means of 10 ton capacity dumpers and discharged into receiving hopper. The feed material from the ROM hopper is drawn out by Rack and Pinion gate with regulated feed rate and discharged on to a vibrating grizzly. The +30mm fraction is crushed & re-fed to the hopper. The -30mm material goes through the inclined belt conveyer to a Double Deck vibratory screen and the same is classified as under. The -1 mm goes to sump and + 1 mm goes to Ball Mill through conveyor. Discharge of ball mill, -1 mm goes to sump and +1 mm re-fed to ball mill. The -1mm slurry from sump is pumped to the Hydro cyclone. The cyclone under flow will be collected in sump and Pumped to Clusters of cyclone. The under flow from cluster of cyclones will go to Primary spiral. The Primary Spiral concentrate will go to Secondary spiral and rejects will go to tailing pond. The secondary spiral concentrate is the finished product, conveyed to the stack yard while the rejects will be conveyed to tailing pond. The spiral middling will be re-circulated. The combined overflow of hydro-cyclones and clusters of cyclone will be deslimed using water only cyclones. The cyclone over flow will go to tailing pond and under flow will be processed in WHIMS. The concentrate from

WHIMS will go to stack yard as finished product and tail will go to RCC bedded tailing pond. In tailing pond the solids will get settled and then top layer of water will be taken into first RCC bedded settling tank. From the first settling tank the water will be taken to the second tank where some biodegradable flocculent will be added depending upon the turbidity of the water. The clear water from the second settling tank will be taken for re-use and the settled solids will be scrapped out at regular intervals which will be sold to brick manufacturers.

For maximum recovery of water there will be three RCC bedded settling tanks and will be used alternately to ensure maximum recovery of water and to scrap out the settled solids from the tanks. As such no slurry will be allowed to drain out and the scrapped material will be utilized for value addition, in-addition to brick manufacturing. Garland drainage also is conveyed to tailing pond to control the pollution by runoff. The whole plant can be operated through a centralized motor control center which will be strategically located.

Waste generation after beneficiation will be in the form of tailings which is estimated as 25000 TPA on dry basis and 30000 TPA with 20% moisture. The tailings will be collected in tailing tanks. Total waste water from the beneficiation plant shall be about 360 KLD. The underflow from solid waste thickener conveyed to filter press. The filtrate and overflow from thickeners drain directly into recycling water system, and then are conveyed to beneficiation plant. Tailing will be collected through tailing ponds 05 tailing ponds will be made to collect the tailing from slurry. This is natural thickening process of slurry. Tailing slurry is feed to one of the pond and in natural way it flows from one pond to second to third to forth to fifth. In this process solid waste get settled in earlier ponds and clean water flows to last pond. From last pond water is pumped back to plant for re-using in process. Solid waste settled in ponds are taken out with the help of poclain and transported to storage place. This thickened slurry is having around 22 to 25% moisture which dried in natural way then tailing is ready for disposal. Tailing collected from ponds will be stored in nearby area for natural drying. This area will be specially marked for tailing storage and boundary wall will be made if felt necessary. Tailing from the beneficiation process is ideally suitable for bricks, tiles & blocks making and would be marketed to local brick maker. It is proposed to dispose of tailing to Gosalpur, Dhamki and Dhamdha villages through brick makers and therefore no accumulation of waste shall be there.

After presentation committee observed/suggested that:

- The mine is on hillock having 51 mt elevation differences. The mining is proposed over lower central part of the area. Western area shall be earmarked for the beneficiation plant.
- Mine is surrounded by the poultry form, ware house, habitation (500 mtr) and one other lease of SS enterprises for which it was submitted by PP that no blasting shall

be carried out and committee also recommended as one of the condition of environment clearance.

- Reserve detail has been discussed and found satisfactory, which is as per the approved mining plan. Geo technical details were discussed and found satisfactory considering proposed bottom area of the ultimate pit.
- The process of beneficiation plant has been dealt in detail and PP was asked not to use chemical process. The process shall be through hydroclone, screens etc through use of water only.
- PP asked to provide tailing pond in series for proper settlement of tailing. Further PP was asked by committee to provide filter press for better recovery of water from tailing.
- It is also suggested that tailing may be stored over the lined surface, though considering the Ph of water quality towards alkaline nature possibility of leaching is not envisaged.
- As reported that water table is around 10-12 mt BGl and ultimate depth is proposed 14 mtrs. PP was asked to implement the recommendation of geo hydrology report whenever water table will be intersected after the approval of competent authority.
- PP has proposed to develop two row plantations along the downside hill.
- During the ToR, PP has asked to provide alternate route, which has been described by the PP. Committee agrees on the view as suggested by PP for use of proposed route. The suggested route shall be made fare weather type.
- The length of transportation road proposed outside the lease area is approx. 1.5 Kms with 06 meters width.
- The tailing ponds should be lined with 0.5mm thick HDPE liners to avoid seepage.
- PP has submitted the compliance report of earlier EC conditions with EIA report issued by the GOI, MoEF&CC vide letter no. 18-B-49/2010 (SEAC)/464 dated 11/05/2016 wherein it is mentioned that the implementations of environmental safeguards most are found satisfactory and some compliance are in progress.

The presentation of EIA & EMP made by PP was found adequate and committee after deliberations decided that the submissions made by PP are found to be satisfactory and acceptable hence the case was recommended 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. Transportation of material shall be done in covered vehicles.
3. Transportation of minerals shall not be carried out through forest area.

4. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
8. Production of Manganese Ore, Iron Ore, Blue Dust, Laterite and Lateritic Iron Ore shall be as per the mining plan with quantity not exceeding 1,04,709 TPA with beneficiation plant of 1,00,000 TPA of ore input and 75,000 TPA output of beneficiated ore .
9. No blasting shall be carried out and mining should be done by excavator and rock breaker.
10. Tailing pond should be lined with HDPE liners of 0.5mm thickness to avoid generation of any leachates and leachates monitoring shall also be carried out at minimum 08 vulnerable locations twice a year.
11. 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 including the village side to provide additional protection.
12. The waste water generated from the beneficiation plant shall be reused as committed by the PP. As proposed, no effluent from the unit shall be discharged outside the plant premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
13. The process of beneficiation be through hydroclone, screens etc through use of water only.
14. Solid waste generated from the unit shall be utilized for brick/tiles/block manufacturing as per the proposal submitted by the PP.
15. Filter press should be provided for effective management of solid waste.
16. Dyke wall shall be provided around the oil & grease drums storage area. The storage area should be as per the stipulated norms.

17. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP.
18. Ultrasonic/Magnetic flow/Digital meters shall be provided at the inlet and outlet of the proposed ETP/leachate settling ponds & all water abstraction points and records for the same shall be maintained regularly.
19. As proposed, 05 settling ponds (15mX5mX3m) shall be provided for settling of settling slurry.
20. As proposed, garland drains (existing 1996 meters and proposed 2094 meters) and settling pits should be provided to avoid silt discharge. As proposed, 07 settling pits (0.5mX0.35mX1.5m) connected with garland drains shall be provided for proper sedimentation.
21. As proposed, 07 settling tanks, 04 existing (10mX5mX2m) and 03 proposed (60mX20mX5m, 50mX10mX5m and 55mX20mX5m respectively) connected with garland drains shall be provided for proper sedimentation.
22. 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.
23. Regular water spraying system should be provided on 570 meter long and 05 meter wide haul road. However, regular water spraying should be practiced on 1.5 kms long and 06 meters wide transport road for dust suppression.
24. Evacuation of minerals should be carried out through the proposed alternate transportation route. PP should also provide boom barrier on the junction with National Highway.
25. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
26. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
27. The commitments made in the public hearing are to be fulfilled by the PP.
28. 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.

2. Case No. 5525/17 M/s Khatri Minerals & Mining Co., 365, South Motinala, Hanumantal, Jabalpur, M.P – 482002 (SIA/MP/MIN/18320/2017). Prior Environment Clearance for Iron Ore / Blue dust mine with physical beneficiation in an area of 4.56 ha. (20114 MT ha.) (Khasra no. 367, 368, 369P, 370, 371, 372, 380, 381/1, 38/1, 38/2, 38/3, 39, 40, 41, 42, 440) at Village- Jhansi Siluwa, Tehsil - Sihora, Dist. Jabalpur .

This is case of Iron Ore / Blue dust mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 367, 368, 369P, 370, 371, 372, 380, 381/1, 38/1, 38/2, 38/3, 39, 40, 41, 42, 440) at Village- Jhansi Siluwa, Tehsil - Sihora, Dist. Jabalpur 4.56 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. --- dated: 25-01-2017 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 09.05 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed 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. Approved mining plan to be submitted at the time of EIA Presentation.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
7. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
8. Year wise details of minerals already excavated till date should be submitted with EIA report.
9. Atleast 08 stations should be selected for monitoring and results should be discussed in the EIA report.
10. Hydro geological study should be carried out if ground water intersection is proposed.
11. Free silica study should also incorporate in EIA report.
12. Top soil management plan should be addressed in EIA report.
13. Input data of modeling should be addressed in EIA along with this all back up calculation.

14. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
15. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
16. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
17. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.

3. Case No. 5518/17 Shri Madan Agrawal, R/o MIG - 16, Sangram Colony, Rewa Road, Satna, MP – 485001 (SIA/MP/MIN/61916/2017). Prior Environment Clearance for Laterite & Ochre Mining Project in an area of 19.43 ha. (Production Capacity 1,53,446 TPA) (Khasra no. 198/2, 199/p3, 200/1a,kp, 200/1/a1/kha, 200/1a/kha2, 200/1a2/k, 200/1a2/1, 200/1b, 200/1c, 200/1d, 200/1e, 200/1r1, 200/1r2, 200/1l, 200/1v, 200/4, 202/a2, 202/a3, 202/a2/4, 202/a3/2) at Village- Karigohi , Tehsil - Majhgawan, Dist. Satna (MP)

This is case of Laterite & Ochre Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 198/2, 199/p3, 200/1a,kp, 200/1/a1/kha, 200/1a/kha2, 200/1a2/k, 200/1a2/1, 200/1b, 200/1c, 200/1d, 200/1e, 200/1r1, 200/1r2, 200/1l, 200/1v, 200/4, 202/a2, 202/a3, 202/a2/4, 202/a3/2) at Village- Karigohi , Tehsil - Majhgawan, Dist. Satna (MP) 19.43 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. 225 dated: 20-01-2017 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 29.31 ha including this mine.

The case was presented by the PP and their consultant wherein committee informed PP that the area of lease 19.43 ha and considering the area of other 02 mines within 500 meters the total area becomes 29.31 ha and thus TOR may be issued in this case. PP submitted that as per the notification of MoEF&CC dated 15/01/2016 for cluster the area of homogenous minerals will be considered. In this case the two other mines are of Bauxite and thus their area should not be considered for cluster approach. Committee observed that as per the above referred notification which states that “A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area”, the other two mines which are of bauxite mineral will not considered for cluster approach and

thus the request of PP was agreed by the committee. During presentation it was observed by committee that a road is passing in between the lease area hence suitable safety zone should be left as per the MMR, 1996 from both the side of the road as non mining area. It was also observed during the scrutiny of document that as per the DFO certificate Ranipur Abhayaran is 6.3 Kms away from the site and thus clearance from NBWL is required for which PP submitted that they have applied online for wild life clearance with proposal no. FP/MP/MIN/1328/2017 and date of submission is 10/02/2017 and enclosed the copy of acknowledgement with the presentation. After presentation the committee decided that PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

1. EMP with one month data for Air, Water and Noise monitoring.
2. EMP should also address the protective measures proposed for the two villages existing on the both sides of the lease from air pollution and mine water discharge (if any).
3. Inventory of existing trees with their number and species on the lease and detailed plan if any existing tree is to be uprooted for the mining.
4. Details of plantation scheme to be submitted by the PP.
5. Management and disposal plan of OB.
6. Surface plan clearly showing the area left due to roads as per MMR, 1996 and location and size of settling tanks and garland drains.
7. Management of mine water discharge.
8. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.”

4. Case No. 5519/17 Shri Tejram, R/o Village Salakhedi, Tehsil Ghattiya, Dist. Ujjain, MP. (SIA/MP/MIN/33319/2015). Prior Environment Clearance for Sand Quarry in an area of 6.0 ha. (1800 cum per annum) (Khasra no. 80) at Village- Bargaon , Tehsil - Mahidpur, Dist. Ujjain (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. 80) at Village- Bargaon, Tehsil - Mahidpur, Dist. Ujjain (MP) 06.00 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 through Ekal Praman-Patr vide letter no. 1604 dated: 04/08/2016 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed from the Google image of March, 2017 based on the co-ordinates provided by the PP that approx. 90% of the lease area is submerged in water. During presentation PP submitted that sufficient quantity of sand is available on the north-western bank of the lease area and since the sanctioned volume is only 1,800 cum/year same can be easily evacuated from this side. 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':

1. Production of Sand as per mine plan with quantity not exceeding 1,800 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.

5. Case No. 5520/17 Shri Tejram, R/o Village Salakhedi, Tehsil Ghattiya, Dist. Ujjain, MP. (SIA/MP/MIN/33324/2015). Prior Environment Clearance for Sand Quarry in an area of 12.50 ha. (3750 cum per annum) (Khasra no. 988) at Village- Chitawad , Tehsil - Mahidpur, Dist. Ujjain (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. 988) at Village- Chitawad, Tehsil - Mahidpur, Dist. Ujjain (MP) 12.50 ha. The project requires Prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer through Ekal Praman-Patr vide letter no. 1605 dated: 04/08/2016 has reported that there are 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 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.

6. Case No. 5521/17 Smt. Nandita Sharma, D-78, Vishnu Hightech City, Bhopal, and MP – 462010. (SIA/MP/MIN/62087/2017). Prior Environment Clearance for Stone deposit quarry in an area of 7.00 ha. (1,16,000 cum per annum) (Khasra no. 244) at Village- Kardai , Tehsil - Huzur, Dist. Bhopal (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. 244) at Village- Kardai, Tehsil - Huzur, Dist. Bhopal (MP) 07.00 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. 2934 dated: 11/01/2017 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 15.50 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that this lease is adjacent to another lease of an area of 5.50 ha (Case no.5522/2017). After presentation and discussion committee decided to obtain following information from the PP for further consideration of the project:

1. Details of Garland drain and settling tank with their dimensions on the surface map.
2. Revised Plantation Scheme at the barrier zone as suggested by the committee during presentation.
3. Transportation route marked on the Google Map.
4. Details of proposed blasting with their safety measures.

7. Case No. 5522/17 Shri Basant Tiwari, A-3/104, Vishnu Hightech City, Bhopal, MP – 462010.(SIA/MP/MIN/62088/2017). Prior Environment Clearance for Stone deposit quarry in an area of 5.50 ha. (67,500 cum per annum) (Khasra no. 244 part) at Village- Kardai , Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Stone deposit quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 244 part) at Village- Kardai, Tehsil -

Huzur, Dist. Bhopal (MP) 5.50 ha. The project requires Prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 2936 dated: 11-01/2017 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 15.50 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that this lease is adjacent to another lease of an area of 7.00 ha (Case no.5521/2017). After presentation and discussion committee decided to obtain following information from the PP for further consideration of the project:

1. Details of Garland drain and settling tank with their dimensions on the surface map.
2. Revised Plantation Scheme at the barrier zone as suggested by the committee during presentation.
3. Transportation route marked on the Google Map.
4. Details of proposed blasting with their safety measures.

8. Case No.-5502/2016 Mr. Jigar Bambhaniya S/o Ashok Bambhaniya, 48, Kailash Nagar, Dabda Anjar Katchh, Dist. Gujarat – 473331 (SIA/MP/MIN/58864/2016). Prior Environment Clearance for Sand Auction Quarry in an area of 5.043 ha. (4,000 cum per annum) (Khasra no. 149) at Village- Sohpur, Tehsil - Naisaray (New Tehsil Shadora), Dist. Ashoknagar (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site ((Khasra no. 149) at Village- Sohpur, Tehsil - Naisaray (New Tehsil Shadora), Dist. Ashoknagar (MP) 5.043 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 through Ekal Praman-Patr vides letter no.-302 dated: ---, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 68th SEAC-II meeting dated-06/03/2017 wherein it was observed 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. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was presented by the PP and their Consultant and during presentation and discussion it was observed that as per the Google image of February, 2016 based on the co-ordinates provided by the PP that a road bridge is in existence on the northern side of the lease approx. 240 meters away and another natural drain is joining the lease from the western side bank. Thus committee decided that 50 meters area should be left as non-mining area where from the natural drain is joining the lease. 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':

1. Production of Sand as per mine plan with quantity not exceeding 4,000 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.
8. A natural drain is joining the lease from the western side bank thus 50 meters area should be left as non-mining area where from the natural drain is joining the lease.

9. Case No.-5504/2016 Shri Muzaffar Khan S/o Shri Mubarik Khan, Vill. Ringnod, Tehsil - Jaora, Dist. Ratlam, MP. Prior Environment Clearance for Sand Deposit in an area of 8.0 ha. (2150 cum per annum) (Khasra no. 149) at Village- Alampur Thikariya, Tehsil - Jaora, Dist. Ratlam (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 149) at Village- Alampur Thikariya, Tehsil - Jaora, Dist. Ratlam (MP) 8.00 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 through Ekal Praman-Patr vides letter no.-559 dated: 02/08/16, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 68th SEAC-II meeting dated-06/03/2017 wherein it was observed 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. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.*

Today, this case was scheduled again for presentation wherein 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 68th SEAC-II meeting dated-06/03/2017. 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.

10. Case No.-5489/2016 Shri Ayazuddin Shaikh S/o Shri Jamaluddin Shaikh, 7, Civil Lines, Infront Collector Bunglow, Dewas, MP – 465001. SIA/MP/MIN/60007/2016. Prior Environment Clearance for Stone Mining Quarry in an area of 5.750 ha. (20000 cum per annum) (Khasra no. 780, 782 Min 2) at Village- Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) A-68

This is case of Stone Mining Quarry (for Gitti). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 780, 782 Min 2) at Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) 5.750 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.1042, dated: 21/11/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 14.750 ha including this mine.

Earlier this case was discussed in 68th SEAC-II meeting dated-06/03/2017 wherein it was observed that: *this case was scheduled again for presentation wherein 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 64th SEAC-II meeting dated-16/01/2017. 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.

Today, this case was scheduled again for presentation 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 64th and 68th meeting respectively. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 64th and 68th SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

11. Case No. - 3092/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP). Prior E.C for approval of Baghwad River Sand Quarry in Lease Area -16.00 ha. Capacity 1,50,000 cum/year at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP) A-68

This is case of Baghwad River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP) 16.00 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.-13338, dated: 29/09/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 68th SEAC-II meeting dated-06/03/2017 wherein it was observed that: *SEIAA vide letter no.-5337 dated: 25/02/2017 forwarded this case stating that "The case was discussed in 398th meeting dtd. 02.01.2017 and it was recorded that: - The case was recommended in 61st SEAC-II meeting dated. 25.11.2016 and it was recorded that.... Today, this case was scheduled again for presentation 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 56th SEAC-II meeting dated-08/11/16. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and*

consideration of the project wherein PP remain absent in the 56th and 61st SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

PP has submitted an application dated 28.01.2017 showing his interest in presentation of his case before SEAC-II. Therefore it has been decided to relist the case & send the file to SEAC-II for appraisal.

Based on the above, the case was not scheduled for presentation 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 call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant and during presentation it was observed as per the Google image of May 2016 based on the co-ordinates provided by the PP one co-ordinate of the lease area is falling outside of the lease boundary. PP submitted that the co-ordinate is not outside of the lease boundary but in on another river which ultimately joins the main river but has only one co-ordinate and thus area cannot be shown on the Google map. Hence committee after discussion decided to obtain all the co-ordinates of the lease area duly authenticated by the competent authority so that entire lease could be seen on the Google map for further consideration of this project.

12. Case No. 5501/15 M/s Maa Vaishnavi Hardware, Shri Vikrant Singh, P. Pawar Brahman Sabha Colony, Tehsil - Paratwada, Dist. Amrawati, Maharashtra – 444805 (SIA/MP/MIN/61043/2016). Prior Environment Clearance for Sand Auction Quarry in an area of 5.59 ha. (44000 cum per annum) (Khasra no. 1, 9) at Village- Harnya, Tehsil - Chicholi, Dist. Betul (MP).

This is case of Sand Auction Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no. 1, 9 Village- Harnya, Tehsil - Chicholi, Dist. Betul (MP) 5.59 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 through Ekal Praman-patr vide letter no. 1264 dated: 19/08/2016 has reported that there are no more mines operating or proposed within 500 meters.

Earlier this case was discussed in 69th SEAC-II meeting dated-07/03/2017 wherein it was observed that: *Today, this case was scheduled again for presentation wherein 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 66th SEAC-II meeting dated-06/02/2017. 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.*

Today, this case was scheduled again for presentation wherein it is observed 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 66th and 69th meetings respectively. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 66th and 69th SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

13. Case No.-5500/2017 Shri Krishnakant Yadav S/o Shri Gulab Singh Yadav, R/o Village Madi Bujurg, Post Bilakhedi, Tehsil - Mungaoli, Dist. Ashoknagar (SIA/MP/MIN/61913/2017). Prior Environment Clearance for Sand Auction Quarry in an area of 5.50 ha. (2800 cum per annum) (Khasra no. 143) at Village- Sumer, Tehsil - Mungaoli, Dist. Ashoknagar (MP)

This is case of Sand Auction Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 143) at Village- Sumer, Tehsil - Mungaoli, Dist. Ashoknagar (MP) 5.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer through Ekal Praman-patr vide letter no. 650 dated: 24/09/2016 has reported that there are no more mines operating or proposed within 500 meters.

Earlier this case was discussed in 69th SEAC-II meeting dated-07/03/2017 wherein it was observed 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. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project. However PP vide letter dated-07-03-2017 request to schedule this case in next upcoming meeting of SEAC-II as due to some genuine reasons he can't present it today, committee accept his request.

Today, case was presented by the PP and their Consultant and during presentation and discussion it was observed from the Google image of February, 2016 based on the co-ordinates provided by the PP that some part of the lease area is submerged in water. During presentation PP submitted that sufficient quantity of sand is available on the banks (mainly on the southern part) of the lease area and since the sanctioned volume is only 2,800 cum/year same can be easily evacuated from this side. 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':

1. Production of Sand as per mine plan with quantity not exceeding 2800 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.

14. Case No.5202/15 Shri Rohit Kumar Pateriya, M/s Hemant Construction and Suppliers, Lessee, Indraprastha Garden District. Chhatarpur (M.P.) – 471001. Prior Environment Clearance for Stone & Murram Quarry in an area of 7.00 ha. (31,636 cum/year) (Stone – 28928 cum/year, Murram – 2708 cum/year) at Khasra no.-1285, Village-Mamaun, Tehsil-Bijawar, District-Chhatarpur (MP)

This is a case of mining of Stone & Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra at Khasra no.-1285, Village-Mamaun, Tehsil-Bijawar, District-Chhatarpur (MP) 7.00. 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. 341 dated: 09/3/16, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine and Total Area 11.00 ha including this mine.

Earlier this case was discussed in 69th SEAC-II meeting dated-07/03/2017 wherein the case was returned to SEIAA for delisting assuming that PP is not interested to continue with the project as was absent in SEAC meetings. PP has submitted a letter dated 23.01.2017 showing his interest in presentation of his case before SEAC-II. Therefore SEIAA decided to relist the case and send the file to SEAC-II for appraisal.

Based on the above, the case was scheduled for presentation wherein PP submitted that earlier their case was discussed in the 43rd SEAC meeting dated 28/07/2016 and queries were raised. PP further submitted that they have submitted the reply of those queries vide letter dated 23/01/2017 through SEIAA. The query reply presentation was made by the PP and their consultant which was found satisfactory and acceptable. The EMS and other submissions earlier made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

- Production as per mine plan with quantity not exceeding for Basalt Stone 28,928 cum/Year and Murrum 2708 cum/year.
- Garland drain with settling tank of suitable capacity be provided all around the QL area.

15. Case No.-5287/2016 Shri Mohiuddin Shaikh S/o Shri Ayazuddin Shaikh, Lease, R/O - 1, Moti Bungalow, Dewas – 455001. Prior Environment Clearance for Stone Quarry in an area of 9.00 ha. (20000 cum/year) at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (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.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) 09.00 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. 634 dated: 23/05/2016 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 61st SEAC-II meeting dated 25/11/2016 wherein the case was returned to SEIAA for delisting assuming that PP is not interested to continue with the project as was absent in SEAC meetings. PP has submitted a letter dated 23.01.2017 showing his interest in presentation of his case before SEAC-II. Therefore SEIAA decided to relist the case and send the file to SEAC-II for appraisal.

Based on the above, the case was scheduled for presentation today. The case was presented by the PP and their consultant wherein during presentation as per the Google image January, 2017 based on the co-ordinates provided by the PP it was observed that installation of base structure (like wind mill or HT line) is seen within the lease area. PP was unable to explain about this structure. Thus committee after deliberations asked PP to submit the details of this structure with photographs and comments of Tehsildar about this structure/installation.

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

16. Case No.-5298/2016 Shri Mohiuddin Shaikh, S/o Shri Ayazuddin Shaikh, Lessee, R/o - 1, Moti Bungalow, Dewas – 455001 (SIA/MP/MIN/56259/16) Prior Environment Clearance for Stone Quarry in an area of 7.679 ha. (20,000 cum/year) at Khasra No. 690/1 Kha & 690/1 Gha at Village-Jhilela, Tehsil - Jawar, Dist. Sehore (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. 690/1 Kha & 690/1 Gha at Village-Jhilela, Tehsil - Jawar, Dist. Sehore (MP) 7.679 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.967 dated: 29/03/16 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 42nd SEAC II meeting dated 27/07/2016 wherein after presentation, PP was asked to submit:

1. Revised CSR budgetary provisions.

2. Revised plantation scheme with budgetary provisions.
3. Revised provisions for “facilities for mine workers” in EMP.

PP vide letter dated 24/01/2017 has submitted the response on above queries which was placed before the committee in the 66th SEAC II meeting dated 06/02/2017. The committee after deliberations decided that the reply submitted by the PP is 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’:

1. Production of Sand as per mine plan with quantity not exceeding 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. 5591/SEIAA/17 dated 10/03/2017 has sent back the file to SEAC for re-appraisal as this is a case of stone quarry which was placed before the committee. The committee on perusal of case file and other papers observed that it's a case of stone quarry and was appraised as stone quarry as per the details provided in the mine plan but due to typographical error it was recommended as sand mining. Committee after deliberations decided that the recommendations made in the 66th SEAC II meeting dated 06/02/2017 should be amended and read as follows:

The EMS and other submissions earlier made by the PP were found to be satisfactory and acceptable and PP has submitted the query reply vide letter dated 24/01/2017 which is also found satisfactory, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

- Production of Basalt Stone as per mine plan with quantity not exceeding 20,000 cum/Year.
- Garland drain with settling tank of suitable capacity be provided all around the QL area.

17. Case No.-5440/2016 Shri Dharmendra Singh S/o Shri Prabhunath Singh, 32, Vill. Bedda, Teh. Selana, Distt. Ratlam, MP – 458667. Prior Environment Clearance for Sand Deposit Quarry in an area of 5.70 ha. (10,000 cum per annum) (Khasra no. 01, 483) at Village-Bhadankala, Tehsil-Bajna, Dist. Ratlam (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 01, 483) at Village- Bhadankala, Tehsil - Bajna, Dist. Ratlam (MP) 5.70 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. 1072 dated:15/12/2016 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 58th SEAC-II meeting dated-10/11/2016 wherein it was observed that: *The case was presented by the PP and their consultant wherein during presentation it was observed as per the Google image of April 2013 based on the co-ordinates provided by the PP, approximately 50 % of the lease area is submerged in water but only 10,000 cum/year of sand is required which can be easily evacuated from the remaining area. 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 10,000 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.-5054 dated-23/01/2017 again forwarded this case to SEAC stating that: From the Google map it is observed that the mining site is totally submerged by the backwater of Mahi Dam, the case may be returned to SEAC for further appraisal.

The case was discussed in the 68th SEAC II meeting dated 06/03/2017 wherein committee observed that the case was earlier recommended for EC in the 58th SEAC-II meeting dated 10/11/2016 considering the Google image of April 2013 wherein it is mentioned in the minutes that approximately 50% of the area is submerged in water but since only 10,000 cum/year of sand is required same can be easily evacuated from the remaining area which is not submerged. As per the comments of SEIAA the recent Google image is off September, 2016 which is off rainy season and being the mine site on the upstream of Mahi Dam the area is submerged in the water. PP present during the discussion submitted that after rainy season the water recedes and sand can be evacuated from the lease. PP also submitted the photographs of the area duly countersigned by the mining inspector showing availability of sand on the lease area. Committee after deliberations decided that a report of mining officer should be obtained about the availability of sand on the lease for further consideration of the project.

PP vide letter dated 11/03/2017 has submitted the reply issued by the OIC, Office of Collector, District Ratlam stating that above lease is submerged in water till December and by the end of December due to discharge of water from the Mahi dam for agriculture, the lease area is minable from January to the June. The committee after deliberations decided that on the basis of above comments from the OIC, Office of Collector, District Ratlam and submission of the photographs of the area duly countersigned by the mining inspector showing availability of sand on the lease area, case should be considered for EC as per the recommendations of 58th SEAC-II meeting dated-10/11/2016 with an additional condition that evacuation of sand should be carried out only from January to June of every year as per the recommendations of OIC, Ratlam.

18. Case No. 5445/2016 Shri Laxman Singh S/o Shri Amar Singh, Vill. Bani, Teh. Mandsaur, Dist. Mandsaur, MP – 458667 Prior Environment Clearance for Sand deposit in an area of 14.999 ha. (4,499 cum per annum) (Khasra no. 99, 234) at Village- Padsutiya, Tehsil - Khachrod, Dist. Ujjain (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. 99, 234) at Village- Padsutiya, Tehsil - Khachrod, Dist. Ujjain (MP) 14.999 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.-1468, dated: 12/07/16, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was placed in 60th SEAC-II meeting dated-24/11/2016 wherein it was 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. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.*

Today, this case was again placed in agenda where PP and consultant were present and during presentation in the 64th SEAC II meeting dated 16/01/2017 it was observed by the Google image of November 2015, based on the co-ordinates provided by the PP that there is a stop dam and a road bridge in existence within the lease area thus 250 mts area should be left from the both side of the bridge and 100 meters area from the both sides of the stop dam as safety zone as per the recent Sustainable sand mining management guidelines 2016 of the MOEF & CC and no mining shall be carried out in these areas. Since area of lease is 14.999 ha and sanctioned sand quantity is 4,499 cum/year same can be evacuated from the remaining area. 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':

1. Production of Sand as per mine plan with quantity not exceeding 4,499 cum/year.
2. 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.
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.
8. A dam and a road bridge is in existence within the lease area thus 250 mts area should be left from the both side of the bridge and 100 meters area from the both sides of the stop dam as safety zone and no mining shall be carried out in these areas.

SEIAA vide letter no.-5324 dated-23/02/2017 again sent this case back to SEAC stating that “PP has submitted the mining plan in two parts of different Khasra numbers which are distinctly apart. In earlier similar case PP was advised to submit different online applications. However, the case may be returned to SEAC for clarification which was placed before the committee. Committee on perusal of case file and other records observed that it is true that Khasra numbers of this lease are different but are not distantly apart as PP vide letter dated 10/03/2017 has submitted a letter regarding continuity of mining lease by enclosing a letter of Mining Officer, Ujjain. Mining Officer, Ujjain vide letter no. 576 dated 08/03/2017 has informed that lease sanctioned on Survey number (Khasra) 99 and 234 of 14.999 ha are continuous and have enclosed the single map of the lease. Committee after deliberations decided that above clarification may be sent to SEIAA.

19. 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 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.

(Dr.Mohd. Akram Khan, Member)

(Mohd. Kasam Khan, Member)

(Prashant Shrivastava, 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.