

The 310th meeting of the State Expert Appraisal Committee (SEAC) was held on 24th March, 2018 under the Vice-Chairmanship of Shri R. Maheshwari, for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Shri Prasant Srivastava, Member.
4. Dr. Rubina Chaudhary, Member

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

1. **Case No. - 5654/2018 Shri Shreelal Aanjana, S/o Shri Jorji Aanjana, R/o Aanjana Complex, Tagore Marg, Tehsil & District - Neemuch, MP Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village-Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP) (EIA Consultant- Apex Mintech Consultants)**

This case is for Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP).

PP has submitted EIA report which was forwarded by the SEIAA vide letter no. 1809 dated 28/02/2018. The case was scheduled for the 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 assuming that PP is not interested to continue with the project.

2. **Case No. - 5655/2018 Shri Puran Mal Aanjana, S/o Shri Ram Lal Aanjana, R/o Aanjana Complex, Tagore Marg, Tehsil & District - Neemuch, MP Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village-Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP)**

Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP)

PP has submitted EIA report which was forwarded by the SEIAA vide letter no. 1811 dated 28/02/2018. The case was scheduled for the 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 assuming that PP is not interested to continue with the project.

3. Case No. - 5656/2018 Shri Rajendra Deshmukh, 229, Miragpur, Teh. Khairlanji, Dist. Balaghat, MP – 481449 Prior Environment Clearance for Manganese Ore Mine in an area of 4.20 Ha.. (2000 TPA) (Khasra no. 241/2, 241/5-3, 241/7, 241/4, 239, 238/1, 237/1, 237/5, 232/1, 233 part, 234 part, 235 part, 237/3, 238/2, 237/2, 237/6-8, 241/8, 241/11) at Village- Miragpur , Tehsil - Khairlanji, Dist. Balaghat (MP).

This is case of Manganese Ore Mine. The proposed site is located at (Khasra no. 241/2, 241/5-3, 241/7, 241/4, 239, 238/1, 237/1, 237/5, 232/1, 233 part, 234 part, 235 part, 237/3, 238/2, 237/2, 237/6-8, 241/8, 241/11) at Village- Miragpur , Tehsil - Khairlanji, Dist. Balaghat (MP) 4.20 Ha. The project requires prior EC before commencement of any activity at site.

During Presentation following Projects details were provided by the PP:

S, No	Particulars	Details
1	Name of the project & its location:	Miragpur Manganese Ore Mine Area – 4.20 hectare , Khasra No. - 241/2, 241/5-3, 241/7, 241/4, 239, 238/1, 237/1, 237/5, 232/1, 233 part, 234 part, 235 part, 237/3, 238/2, 237/2, 237/6-8, 241/8, 241/11, Village Miragpur, Tehsil Khairlanji District Balaghat
2.	Name of the Company, Address Tele No. & E-mail :	Shri Rajendra Deshmukh 229, Miragpur, P.O. Miragpur, Tehsil Khairlanji, District Balaghat, - 481449 Madhya Pradesh Tel No. 87198449434
3	Latitude and Longitude of the project	Latitude – 21 ⁰ 37'59.6" to 21 ⁰ 37'58.6"N Longitude – 79 ⁰ 50'05.8" to 79 ⁰ 50'08.3"E
4	If a Joint venture, the names & addresses of the JV partners including their share	Shri Rajendra Deshmukh (Individual Lease)
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Miragpur Manganese Ore Mine, Area – 4.20 hectare, is an existing mine. The nearest village is Miragpur at 0.2 km, Nearest Highway- Katangi– Seoni Road is 5.4 km from mine. The mine is situated on Ramapayalai-Garrachowoki State Raod, 6.2 km from Garrachowki. Garrachowki is situated on Tumsar- Katangi Road 40 kms from Tumsar. The mine is located to the North – West direction of the Village Miragpur.
6	Whether the project is in the	No

	Critically Polluted Area (CPA):	
7	Cost of the project :	Rs. 60.0 Lakhs
8	Employment generated/to be generated:	25 Nos.
9	Benefits of the project:	The District will get the revenue in from of royalty from mine, and employment is being generated.
10	Whether new or expansion project .If expansion:	It's a new proposal for EC for the existing mine, The mine has Consent under water & Air Acts from MPPCB till March 2017
11	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF.	Not applicable
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.	ToR No. 537/MS-MS/MPPCB/SEAC/ TOR (129) 2013 Bhopal dtd. 29/06/2013 issued by SEAC.
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	EC was not issued, as the case has been delisted by SEIAA as the case of major mineral and area less than 5.0 hectare.
15	If the project was considered in EAC, Pl. gives dates of the meeting (s).	Earlier the case was registered as CASE No. 1437/2013, and TOR has been granted by SEAC vide letter No. 537/PS-MS/MPPCB/SEAC/TOR (129) 2013 Bhopal dtd. 29/06/2013 and delisted by SEIAA vide letter No. 2011 dtd. 18/12/2013, as the case is of major mineral of area less than 5.0 ha. again the case relisted and due to absent of PP in SEAC meetings the case again delisted by SEIAA vide letter No. 2841 dtd. 30/07/2016. PP again apply afresh for grant prior EC and the case is considered in 310th SEAC meeting for approval of TOR
16	Type of Mine: (Open cast/Underground/mixed):	Open cast mine.
17	Capacity of the mine applied for	Capacity - 2000 Ton per annum – Manganese Ore
18	ML Area i. As per block allotment ii. As per approved mine plan	Lease Area – 4.20 hectare
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan approval letter No. 3456 Jabalpur dtd. 12/01/2018 for the period 2017-18 to 2021-2022.
20	Date of Board's approval:	Not applicable

21	Date of Ground water clearance:	Not applicable as only 5.0 kld water required in mines and source of water is mine pit water
22	Date of mine closure approval	Mine is operative mine and mine closure plan shall be submitted later on
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Budget for EMP is proposed Rs. 1,25,000.00 per year and budget for CSR will be Rs, 1,50,000.00 per year.
24	Number of plantation with name of species proposed in area allotted for plantation with budgetary provision.	2500 Nos. of saplings of species like Mango, Neem, Mahua, Jamun, Gulmohar, etc. shall be planted along with native species. Budget for plantation shall be Rs. 10.0 for the lease period.
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	Bainganga River - 7.2 km - SW Canal - 3.5 km - N Village Pond - 0.2km - SE

During presentation it was observed through Google image that a village is in existence near the lease area for which PP submitted that considering a village on the northern side of the ML no blasting is proposed in this case and only manual mining is permitted as per the approved mine plan. After presentation committee recommends that it being a case of major mineral standard TOR prescribed by MoEF&CC may be issued with following additional TORs:-

1. During monitoring activities, appropriate photographs with date should be taken by and submitted along with the EIA Report.
2. Concerned Regional Officer, MP Pollution Control Board must be informed about the monitoring locations and monitoring should be carried out under intimation to him.
3. As submitted by PP that earlier mine was in operation as per the consent of the Board and since 2013-14 mine is closed for want of EC. Thus PP should submit the compliance report of consent conditions of the MPPCB and a commitment that mine is closed since 2013-14.
4. Top soil management plan be discussed in the EIA report.
5. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
6. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
7. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
8. Any alternate route avoiding the nearby habitations (if any). Traffic management plan to be provided in the EIA report.
9. Land use plan should be plotted on the map.
10. Proposal for zero liquid discharge should be discussed in EIA report.

11. Volume of OB material proposed to be used for road making should be discussed in EIA.
12. Peripheral drainage should be provided.
13. On the northern side of the ML area a village is in existence thus sufficient setback area should be left and same should be discussed in the EIA report.
14. Emergency rescue plan to be provided in EIA report.
15. Budgetary provisions for over-head sprinklers.
16. Production details of manganese ore that had already done in 2014-2015 to be given in the EIA report along with their Compliance of MPPCB consent condition.
17. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
20. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. The EIA document shall be printed on both sides, as far as possible.
23. All documents should be properly indexed, page numbered.
24. Period/date of data collection should be clearly indicated.
25. The letter /application for EC should quote the SEIAA file No. and also attach a copy of the letter prescribing the TOR.
26. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
27. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
28. Grant of TOR does not mean grant of EC.
29. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
30. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.

The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

31. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.

4. Case No. - 5660/2018 Mr. Manoj Jain (Plant Head) M/s SRF Limited , Indore Sopecial Economic Zone, Phase –I Sec-III, Village Pithampur Tehsil- Pithampur, District- Dhar M.P 454775 Prior Environment Clearance for proposed increase in production of Polyester Resin through debottlenecking & optimization from 80,000 to 1,00,000 of Plant parameters at Indore Specila Economic Zone, Phase-I Sec-III, Plot no. C-1 to C-21 to 30, D-13 to 18, D-25 to 32, and 41, 41 A, 42, 43, & 54, 55, & 56 Village Pithampur Tehsil- Pithampur, District- Dhar M.P Cat. 5(f) Synthetic Organic Chemicals Industry.

The project is covered under the provisions of EIA Notification as item no. 5(f) Synthetic Organic Chemicals Industry (Polyester Resin), The unit is engaged in manufacturing of Polyester film (64,123 TPA), Polyester Resin (61,000 TPA), Metallized Film (12,000 TPA), Holographic Film (1200 TPA) and Solid Fuel Fired TFH (9 MKCal/Hr).hence it requires prior EC before commencement of activity at site.

PP and their consultant presented the case for ToR before the SEAC in this meeting. The submissions and the presentation made by the PP and his consultant revealed following:

Salient Features of the Project

Project Proponent	M/s SRF Limited
Project Name	Proposed increase in production of Polyester Resin through debottlenecking & optimization of plant parameters
Production capacity	80000 TPA to 1,00,000 TPA of Polyester Resin
Estimated Project Cost	Existing : 509 Crore Proposed : Remain same
EMP Cost	Existing : 14.26 Crore Proposed : Remain same
Land	Existing : 16.9 Acres (68592 Sq Meter) Proposed : Remain same
Total Water Consumption	Existing 630.5 KLD Proposed :621.5 KLD (Inclusive of Existing)

Source of Water Supply	Through AKVN
Waste Water Generation	Existing : 169.5 KLD Proposed : Remain same
Treatment Facility	Existing : 130 KLD Proposed : Remain same
Source of power supply	Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company
Power Requirement	Existing : 10000 KVA (existing) Proposed : Remain same
Fuel Options	Fuel: FO & Gas base TFH DG Set 2 X 1010 KVA , 5 X 1670 KVA, 1 X 1500 KVA
Green Belt	Existing : 5.58 Acres (76,124 Sq Meter) with 5196 no. of plants. Proposed – Remain same
employment generation	Existing 663 Proposed : Remain same
Fund for CSR activities	Existing : 75 Lacs Proposed : Rs. Remain same

EXISTING & PROPOSED PRODUCTION CAPACITIES

Sr. No	Name of product	EC Granted for following capacity	Additional capacity	Total proposed Capacity
1	Polyester film	64,123 MTPA	No change	64,123 MTPA
2	Polyester Resin	80,000 MPTA	20,000MTPA	1,00,000 MTPA
3	Metallized film	12,000 MTPA	No change	12,000 MTPA
4	Holographic Film	1,200 MTPA	No change	1,200 MTPA
5	Solid fuel heater (pet coke & coal based)	8 million Kcal/hr	No change	Solid fuel heater (pet coke & coal based)
6	Offline coating machine	3,600 TPA	No change	Offline coating machine

During discussion PP informed that they wants to expand the capacity of Polyester Resin from 80,000 MTPA to 1,00,000 MTPA with minor changes in the cycle time and no new machinery is proposed to be installed. PP further submitted that they have recently obtained the EC and till date have not obtained the CTE & CTO from MPPCB. After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. PP should explore the possibility of reducing water demand and measures should be discussed in the EIA report.

2. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
3. During monitoring activities, appropriate photographs with date should be taken by and submitted along with the EIA Report.
4. Concerned Regional Officer, MP Pollution Control Board must be informed about the monitoring locations and monitoring should be carried out under intimation to him.
5. It should be a “Zero Discharge Unit”, thus proposed measures should be discussed in the EIA report.
6. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
7. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
8. TDS concentration should be studied “stream by stream”, and same should be discussed in the EIA report.
9. Public hearing should be conducted as per the provisions laid down in the EIA Notification, 2006.
10. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
11. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
12. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
13. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
14. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
15. The EIA document shall be printed on both sides, as far as possible.
16. All documents should be properly indexed, page numbered.
17. Period/date of data collection should be clearly indicated.
18. The letter /application for EC should quote the SEIAA file No. and also attach a copy of the letter prescribing the TOR.
19. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.

20. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
21. Grant of TOR does not mean grant of EC.
22. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
23. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
24. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.

5. Case No. - 5657/2018 Sarpanch, Gram Panchyat Banjari, Pahara B.O. Post Office, Tehsil - Chandla, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in an area of 12.30 Ha.. (3,69,000 cum per annum) (Khasra no. 730) at Village- Banjari , Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 730) at Village- Banjari, Tehsil - Chandla, Dist. Chhatarpur (MP) 12.30 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1302 dated: 15/5/2017 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 24.90ha including this mine.

Earlier this case was registered as **Case No. - 5589/2017 M/s Sainik Foods Pvt. Ltd, HIG-5, Deendayal Nagar, Phase-1, Kanth Road, Muradabad, UP (SIA/MP/MIN/70353/17) Prior Environment Clearance for Sand Mine on Ken River in an area of 12.30 Ha. (3,69,000 cum per annum) (Khasra no. 730) at Village- Banjari, Tehsil - Chandla, Dist. Chhatarpur (MP)** and was presented by the PP and their consultant in 300th SEAC meeting dated 08/12/2017 wherein during the presentation it was observed by the committee that as per the

Google image of November, 2016 it was noticed by the committee that the lease area is >60% submerged in water and since the mid stream mining is not allowed PP was asked to submit recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining. After presentation PP was asked to provide following:

1. Recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining.
2. Revised operational production plan as per the above information.
3. Evacuation route marked on Google map.
4. CSR cost with bifurcation in capital and recurring cost.

Meanwhile the Government of Madhya Pradesh prepared a New Policy for sand mining and as per the policy of state Government, Collector, Chhatarpur (Mining), has transferred all the Non Operated Sand Mines to Concerned Gram Panchayats. Banjari Sand Deposit of Ken River, Tehsil- chandla, District- Chhatarpur (M.P) is also to transfer to Gram Panchyat Banjari with new case no.i.e 5657/2018 in the name of Sarpanch, Gram Panchyat Banjari, Pahara B.O. Post Office, Tehsil - Chandla, Dist. Chhatarpur, MP.

Today, this case was presented by the PP (सरपंच बाबादीन) and their consultant with replies of queries raised in the 300th SEAC meeting dated 08/12/2017. During presentation and discussion it was observed as per the Google Image of Nov 2016, lease is submerged in water body and for which PP has submitted revised operational production plan and according to revised operational production plan out of 12.30 ha area only 9.426 ha is available for sand mining and as per the mining plan sanctioned depth of mining is 3 mts. Considering the approved depth of mine plan and revised operational production plan 2,82,780 cum/year volume of sand can be evacuated. The revised operational production plan is also countersigned by the mining officer, Chhatarpur verifying the availability of sand and submergence area. Committee after discussion and perusal of the documents & presentation asked PP to submit response on the following queries:

1. Commitment that the road length of 1 km and width 7.5 mts to be maintained by the PP.
2. Revised EMP as suggested by the committee during presentation.

PP has submitted the reply of above query vide letter dated 24/03/2018 which was placed before the committee and same was found to be acceptable to the committee. According to Revised operational production plan 9.426 ha of ML area is available for sand mining & Considering the depth of 3.00 meters as per the approved mine plan, the possible evacuation of sand from this lease will be only 2,82,780 cum/year. 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':

- Production of Sand as per mine plan with quantity not exceeding 2,82,780 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.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 3.87 lacks (capital) is made with a recurring expenditure of 3.40 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 1.50 lacks/year is proposed for various activities. A separate bank with cost sheet account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

6. Case No. - 5658/2018 Sarpanch, Gram Panchyat Hatonha, Pahara B.O. Post Office, Tehsil - Chandla, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in an area of 12.60 Ha.. (378000 cum per annum) (Khasra no. 405) at Village- Lagarha , Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 405) at Village- Lagarha, Tehsil - Chandla, Dist. Chhatarpur (MP) 12.60 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1303 dated: 15/5/2017 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 24.90ha including this mine.

Earlier this case was registered as **Case No. - 5587/2017 M/s Sainik Foods Pvt. Ltd, HIG-5, Deendayal Nagar, Phase-1, Kanth Road, Muradabad, UP (SIA/MP/MIN/70354/17) Prior Environment Clearance for Sand Mine on Ken River in an area of 12.60 Ha.. (3,78,000 cum per annum) (Khasra no. 405) at Village- Lasgarha, Tehsil - Chandla, Dist. Chhatarpur (MP)** and was presented by the PP and their consultant in 299th SEAC meeting dated 07/12/2017 wherein during the presentation it was observed by the committee that a road bridge is in existence which is approx 220 meters away from the lease. However, as per the Google image of November, 2016 it was noticed by the committee that the lease area is >80% submerged in water and since the mid stream mining is not allowed PP was asked to submit recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining. After presentation PP was asked to provide following:

1. Recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining.
2. Revised operational production plan as per the above information.
3. Evacuation route marked on Google map.
4. CSR cost with bifurcation in capital and recurring cost.

Meanwhile the Government of Madhya Pradesh prepared a New Policy for sand mining and as per the policy of state Government, Collector, Chhatarpur (Mining), has transferred all the Non Operated Sand Mines to Concerned Gram Panchayats. Lasgarha Sand Deposit of Ken River, Tehsil- chandla, District- Chhatarpur (M.P) is also to transfer to Gram Panchyat Lasgarha with new case no.i.e 5658/2018 in the name of Sarpanch, Gram Panchyat Lasgarha Tehsil- chandla, District- Chhatarpur (M.P)

Today, this case was presented by the PP (सरपंच केशव) and their consultant with replies of queries raised in the 299th SEAC meeting dated 07/12/2017. During presentation and discussion it was observed as per the Google Image of Nov 2016 that the lease is submerged in water body and for this PP has submitted revised operational production plan and according to revised operational production plan out of 12.60 ha area only 3.70 ha is available for sand mining and as per the mining plan sanctioned depth of mining is 3 mts. Considering the approved depth of mine plan and revised operational production plan 1,11,000 cum/year volume of sand can be evacuated. The revised operational production plan is also countersigned by the mining officer, Chhatarpur verifying the availability of sand and submergence area. Committee after discussion and perusal of the documents during presentation asked PP to submit reply for the following queries.

1. Commitment that the road length of 2.5 mts and width 7.5 mts to be maintained by the PP.
2. Revised EMP as suggested by the committee during presentation.

PP has submitted the reply of above query vide letter dated 24/03/2018 which was placed before the committee and same was found to be acceptable to the committee. According to Revised operational production plan, 3.70 ha of ML area is available for sand mining & Considering the depth of 3.00 meters as per the approved mine plan, the possible evacuation of sand from this lease will be only 1,11,000 cum/year. 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':

- Production of Sand as per mine plan with quantity not exceeding 1,11,000 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.
- The lease area should be clearly distinguished and earmarked at the site.

- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 1.51 lacks (capital) is made with a recurring expenditure of 1.525 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 1.50 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

7. Case No. - 5659/2018 Sarpanch, Gram Panchyat Mawaighat, Pahara B.O. Post Office, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in an area of 14.00 Ha. (3,30,000 cum per annum) (Khasra no. 396/2) at Village- Mawaighat , Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 396/2) at Village- Mawaighat, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 14.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1234 dated: 03/5/2017 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was registered as **Case No. - 5588/2017 M/s S.R.Traders, E-5, Shop No. 12, Metro Plaza, Bittan Market, Bhopal, MP (SIA/MP/MIN/70363/17) Prior Environment Clearance for Sand Mine on Ken River in an area of 14.00 Ha.. (3,30,000 cum per annum) (Khasra no. 396/2) at Village- Mawaighat, Tehsil - Gorihar, Dist. Chhatarpur (MP)** and was presented by the PP and their consultant in 300th SEAC meeting dated 08/12/2017 wherein during presentation it was observed by the committee that as per the Google image of May, 2017 it was noticed by the committee that the lease area is >50% submerged in water and since the mid stream mining is not allowed PP was asked to submit recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining. After presentation PP was asked to provide following:

1. Recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining.
2. Revised operational production plan as per the above information.
3. Evacuation route marked on Google map.
4. CSR cost with bifurcation in capital and recurring cost.

Meanwhile the Government of Madhya Pradesh prepared a New Policy for sand mining and as per the policy of state Government, Collector, Chhatarpur (Mining), has transferred all the Non Operated Sand Mines to Concerned Gram Panchayats. Mawaighat Sand Deposit of Ken River, Tehsil- Gaurihar, District- Chhatarpur (M.P) is also to transfer to Gram Panchyat Mawaighat with new case no.i.e 5659/2018 in the name of Sarpanch, Gram Panchyat Mawaighat Tehsil- Gaurihar, District- Chhatarpur (M.P)

Today, this case was presented by the PP (सरपंच श्रीमती शोभा गुप्ता) and their consultant with replies of queries raised in the 300th SEAC meeting dated 08/12/2017. During presentation and discussion it was observed as per the Google Image of May 2017, lease is submerged in water body and for which PP has submitted revised operational production plan and according to revised operational production plan out of 14.00 ha area only 11.43 ha is available for sand mining and as per the mining plan sanctioned depth of mining is 3 mts. Considering the approved depth of mine plan and revised operational production plan **3,30,000** cum/year volume of sand can be evacuated. The revised operational production plan is also countersigned by the mining officer, Chhatarpur verifying the availability of sand and submergence area. Committee after discussion and perusal of the documents & presentation asked PP to submit response on the following queries:

1. Commitment for the maintenance of road by the PP.
2. Revised EMP as suggested by the committee during presentation.

PP has submitted the reply of above query vide letter dated 24/03/2018 which was placed before the committee and same was found to be acceptable to the committee. According to Revised operational production plan 11.43 ha of ML area is available for sand mining & Considering the depth of 3.00 meters as per the approved mine plan, the possible evacuation of sand from this lease will be only **3,30,000** cum/year. 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':

- Production of Sand as per mine plan with quantity not exceeding **3,30,000** 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.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 7.02 lacks (capital) is made with a recurring expenditure of 1.02 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 1.50 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

**8. Case No. 32/2016 Shri Vidhyanath Sapera R/o Vill. Shankarpur, Distt. Gwalior (M.P.)
Prior Environment Clearance for Stone quarry of area 2.5 ha. in Village, Kakhoda Tehsil
– Ghatigaon Distt. Gwalior (M.P.)**

Earlier this case was scheduled for presentation in the 308th SEAC meeting dated 24/02/2018 wherein it was recorded: 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.

Today, this case was again scheduled for presentation wherein it was recorded: 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 308th SEAC meeting dated 24/02/2018. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

9. 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 in the 70th SEAC-II meeting dated 15/03/2017. 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.

Earlier this case was scheduled in 297th SEAC meeting dated 08/11/2017 wherein it was recorded that: PP was also informed to submit above information vide Letter No. 222 dated: 31/3/17 and Reminder letter no. 477 dated: 29/6/2017 stating to submit information within 30 days. PP so far has not submitted the desired information's and the case were placed before the committee. The committee observed that 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.

SEIAA vide letter no. 1667 dated 16/02/2018 has forwarded this case file to SEAC as PP has submitted the desired information vide letter dtd 15.01.2018 therefore it has been relisted in this meeting, 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 assuming that PP is not interested to continue with the project.

10. 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.

Earlier the case was presented by the PP and their consultant 70th SEAC-II meeting dated 15/03/2017. 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.

Earlier this case was scheduled in 297th SEAC meeting dated 08/11/2017 wherein it was recorded that: PP was also informed to submit above information vide Letter No. 208 dated: 31/3/17 and Reminder letter no. 475 dated: 29/6/2017 stating to submit information within 30 days. PP so far has not submitted the desired information's and the case were placed before the committee. The committee observed that 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.

SEIAA vide letter no. 1665 dated 16/02/2018 has forwarded this case file to SEAC as PP has submitted the desired information vide letter dtd 15.01.2018 therefore it has been relisted in this meeting, 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 assuming that PP is not interested to continue with the project.

11. Case No. - 5642/2018 Shri Ramchandra Singhal S/o Shri Nandlal Singhal, 983, Manak Choukk, Mhow, Dist. Indore, MP – 453441 Prior Environment Clearance for Stone Quarry in an area of 6.03 Ha.. (Murum – 9,700 cum per annum and Stone – 48,502 cum per annum) (Khasra no. 742/2) at Village- Billod , Tehsil - Dhar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 742/2) at Village- Billod, Tehsil - Dhar, Dist. Dhar (MP) 6.03 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no.1461 dated: 20/07/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in the 308th SEAC meeting dated 24/02/2018 wherein it was recorded: 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.

Today, this case was again scheduled for presentation wherein it was recorded: 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 308th SEAC meeting dated 24/02/2018. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

12. Case No. 5535 /17 M/s Adityaraj Stone Crusher, Santoshi Mata Ward, Teh. Pandhurana, Dist. Chhindwara, MP – 4803340. 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.

Earlier this case was presented by the PP and their consultant 71st SEAC-II meeting dated 10/04/2017 *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.*

Earlier this case was scheduled in 297th SEAC meeting dated 08/11/2017 wherein it was recorded that: PP was also informed to submit above information vide Letter No. Letter No. 256 dated: 21/4/17 stating to submit information within 30 days. PP so far has not submitted the desired information's and the case were placed before the committee. The committee observed that 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.

SEIAA vide letter no. 1720 dated 22/02/2018 has forwarded this case file to SEAC as PP has submitted the desired information vide letter dtd 03.01.2018 therefore it has been relisted and scheduled in the meeting.

The case was presented by the PP and their consultant wherein PP submitted that apart from their lease there are 04 other leases in the area but their evacuation route is separate. The proposed evacuation route for this lease is 950 meters and will join the pucca road. After presentation, PP was asked to submit clarification on following:

1. Cost of preparing 950 meters WBM road should be incorporated in EMP and revised EMP should be submitted.
2. The width of WBM road should be minimum 06 meters.

PP vide letter dated 24/03/2018 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found 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 of Stone as per mine plan with quantity not exceeding 44,657 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.

- A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
- PP should explore possibility of using solar lights in office /rest areas.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
- Approach road from site to the main road will be maintained by the PP.
- Top soil shall be simultaneously used for the plantation.
- A budgetary provision for Environmental management Plan of Rs. 16.75 lacks (capital) is made with a recurring expenditure of 2.30 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 02.13 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

13. Case No. - 5650/2018 Shri Brajesh Sharma S/o Shri Ramswaroop Sharma, New Govindpuri, Sachin Tendulkar Marg, Dist. Gwalior, MP – 474006 Prior Environment Clearance for Stone and Murrum Quarry in an area of 7.077 Ha.(Murum – 1,00,007 cum per annum and Stone – 1,50,000 cum per annum) (Khasra no. 4144, 4148 & 4149) at Village- Parsen , Tehsil - Gwalior, Dist. Gwalior (MP)

This is case of Stone and Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 4144, 4148 & 4149) at Village- Parsen, Tehsil - Gwalior, Dist. Gwalior (MP) 7.077 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. QL-200 dated: 30/01/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 30.127 ha including this mine (whereas as per the attached documents of mining officer's letter dated-30/01/2018, rest three mines were sanctioned before 9th September 2013. And as per the MOEF &CC Notification dated 1st July 2016 in Appendix XI, - 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 which shall be applicable to

the mine leases or quarry licenses granted on and after 9th September 2013) therefore the area of these mines will not be counted in cluster.

The case was presented by the PP and their consultant, wherein during presentation and discussion it was observed as per the Google image of Nov. 2016 that there is a dam at a distance of about 80 mts from the lease boundary, hence additional 20 mts excluding 7.5 meters barrier zone to be left from the QL area. During presentation it was also observed that on the northeaster side a village and some hutments are in existence thus 03 meter high wind breaking wall of MS should be provided towards this side with three rows of plantation. After presentation PP was asked to submit response on following:

PP vide letter dated 24/03/2018 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found 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 Stone 1,00,007 cum/year and Murrum 1,50,000 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.
- A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
- A dam is in existence at a distance of approx. 80 mts from the eastern side of lease boundary, hence additional 20 mts area excluding 7.5 meters barrier zone should be left as non mining area from the QL.
- On the northeaster side, a village and some hutments are in existence thus 03 meter high wind breaking wall of MS should be provided with three rows of plantation towards this side to act as curtain.
- PP should explore possibility of using solar lights in office /rest areas.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
- Approach road from site to the main road will be maintained by the PP.
- Top soil shall be simultaneously used for the plantation.
- A budgetary provision for Environmental management Plan of Rs. 16.75 lacks (capital) is made with a recurring expenditure of 2.30 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under

utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 02.13 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION

14. Case No. - 5488/2016 M/s Digiana Industries Pvt. Ltd, G-1, Sapna Chambers, 12/1 South Tukoganj, Indore, MP- 462001 Prior Environment Clearance for Sand Quarry in an area of 11.500 ha. (3,45,000 cum per annum) (Khasra no. 854) at Village- Baghari, Tehsil - Chandala, Dist. Chhatarpur (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. 854) at Village- Baghari, Tehsil - Chandala, Dist. Chhatarpur (MP) 11.500 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 pramn-patr vide letter no.-503, dated: 21/04/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 24.00 ha including this mine.

Earlier this case was discussed in 78th SEAC-II meeting dated-25/05/2017 wherein it was observed that: *this case was discussed in 65th SEAC-II meeting dated-17/01/2017 wherein it was observed that: The case was presented by the PP and their consultant where it was observed by the committee that as per the Google image of November 2016, some part of lease is submerged in water and entire lease area is calculated for the sand evacuation and no safety margins are left. Thus PP was asked to submit revised operational production map considering above issues for safe and sustainable mining.*

PP was also informed to submit above information vide letter no 97 dated 03/02/2017 stating to submit the desired information and reminder was also given to the PP vide letter no. 295 dated 08/05/2017. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that 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.

SEIAA vide letter No.-712 dated-14/06/2017 again forwarded this case file to SEAC as PP has submitted the required information vide letter dated 09/06/2017.

Based on the above, the case was scheduled for presentation in the 81st SEAC-II meeting dated 22/06/2017 wherein the case was presented by the PP and their consultant. After presentation the committee decided that PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant as the total area considering both the mines is 24.00 ha addressing following issues:-

1. EMP with one month data for Air, Water and Noise monitoring.
2. 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.
3. Management and disposal plan of OB.
4. Surface plan clearly showing the area left due to roads as per MMR, 1996 and location and size of settling tanks and garland drains.
5. Management of mine water discharge.
6. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.”
7. Mechanism of Blasting done to be discussed in the EMP report.
8. Production details to be submitted in the final EMP report.
9. Recent photographs of the site to be submitted by the PP to ascertain the availability of sand.
10. Since evacuation of sand is 1350 cum/day as proposed production is 3,50,000 cum/year, while considering 260 working days PP has to submit safety, welfare & management scheme of labours.
11. Revised plantation scheme from 2300 to 2350 numbers as suggested during presentation by the committee.
12. Revised environmental policy of the company adding one sub-manager for safety and welfare of the employees.
13. PP has to given an undertaking that all the trucks would be fitted with Audio-Visual alarm.
14. Revised CSR as suggested during presentation by the committee.

PP was also informed to submit above information vide letter No. 497 dated: 29/06/2017 within 30 days and reminder was also issued vide letter no. 523 dated: 27/11/2017 to submit information within 15 days. So far PP has not submitted the desired informations.

The case was scheduled in the 302nd SEAC meeting dated 22/12/2017 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. Committee decided to give reminder to PP for submission of comprehensive EMP within 30 days otherwise the case will be considered for delisting. Reminder was issued on 06/01/2018 to submit the information within 30 days but the same is not submitted by PP.

Today, this case was placed before the committee wherein it was observed by committee that, 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.

15. Case No. - 3083/2015 Shri Tejindarpal Singh, Leasee, M/s Digiya Industries Pvt. Ltd., G-1, Sapna Chamber, South Tukoganj, Indore (M.P.)-452001 Sand Quarry Lease Area-14.050 Ha., Capacity - 4,20,000 cum/year at Khasra No.- Village-Daudi Malvar, Tehsil-Shahpur/Ghodadungri, Dist-Betul (M.P.)

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No 1, 38, at River Kewai Village-Daudi Malvar, Tehsil- Shahpur/Ghodadungri, Dist-Betul (M.P.) in 14.050 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. 590 dated: 7/5/2015 has reported that there is no mine operating or proposed within 1000 meters around the said mine.

Earlier this case was presented in 205th SEAC meeting dated 20/07/2015 wherein it was recorded 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. Evacuation of sand shall be as per the approved mining plan not exceeding 210000 cum / Year as per the request of the PP.

SEIAA vide letter no.1679 dated 19/02/2018 forwarded this case file to SEAC stating that: The case was discussed in 466th SEIAA meeting dtd. 25.01.2018 and it has been recorded that.... "EC was granted to project proponent in 226th meeting of SEIAA held on 12/8/2015, vide letter no. 5637/SEIAA/15 dated: 16.09.2015 as per SEAC recommendation on 205th SEAC meeting dtd. 20/7/2015.

As per above a copy of representation /notice against non-implementation of SEIAA letter dtd. 16.09.2015 and assessment of project capacity 421500 cum/Year sanctioned by Director Geology 420000 Cum/Year was reduced to 210000 cum/year in an area of 14.0850 ha. at Khasra no.1, 38 at Village Daudi Malvar, Tehsil Shahpur/Ghodadungri, Distt. Betul through Director DGM, Bhopal vide endt letter no. 22089 dtd. 22/12/2017. The case was sent by SEIAA to SEAC for reexamination and thus the case was placed before the committee.

On examination of the case and papers attached by the SEIAA, it was observed by the committee that the issue raised in representation /notice is about the re-auction of 14.050 ha. as quantity was reduced from the 4,21,500 cum/year to 2,10,000 cum/year and informations regarding mining of sand other minerals fro 14-15 to 17-18. Committee after deliberations decided that decision of re-auction is not in the perview of SEAC hence no comments can be offered in this case.

16. **Case No. - 2373/2015 Shri Pawan Jain- M.D. 127/1, Sangam Colony, Baldeobagh, Jabalpur (M.P.)-480002 Expansion of Jain Mines & Mineral (india) Environment Clearance for approval of proposed Iron Ore Beneficiation Plant (Existing Capacity 90,000 TPA, Proposed Capacity-4,80,000) at Industrial Area, Village-Hargarh, Tehsil-Sihora, District-Jabalpur (MP)**

This is an Ore beneficiation project comprising beneficiation of Iron Ore. The project is covered under the provisions of EIA notification as item no. 2 (b), hence requires prior EC from SEIAA. It was reported that, the industry is operational with existing production capacity of 90,000 TPA and proposes an expansion in the production capacity up to 4,80,000 TPA. Application submitted by the PP was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP. The salient features of the project and proposed TOR were presented by the PP and his consultant before the committee.

Earlier this case was presented by PP and their consultant in 176th SEAC meeting dated 26/02/2015 wherein after deliberations committee approved the **TOR** with inclusion of following points to be addressed in the EIA / EMP report:

1. Compliance report for compliance of the conditions of the existing EC has to be furnished after due validation and comments from the concerned Regional Office of MoEF.
2. Ground-water study w.r.t to heavy metals concentration to be furnished.
3. Analyses of TiO₂ to be presented in ore as well as solid waste.
4. Complete ore analyses to be furnished.
5. Water balance with source of water to be furnished along with the consent / permission for supply of requisite quantum of water from the competent authority.
6. Explore the possibility for 'Zero Liquid Discharge'.

Today, this case was placed before Committee as the TOR was approved in the 176th SEAC meeting dated 26/02/2015 and the same was issued to the PP vide letter no. 81 dated 10/04/2015 which was valid for 03 years. The validity of TOR expired on 25/02/2018. The committee observed that PP has neither submitted the EIA report nor has applied for the extension of TOR's validity period and thus decided that this case may be recommended for delisting to SEIAA as TOR's validity has expired.

17. **Case No.-5266/2016 Shree Banshiwale Stone Crusher, Gwalior, MP – 474001. Prior Environment Clearance for Metal Stone Deposit in an area of 32.280 ha. (4,33,403 cum/year) at Khasra no.-865 Village-Gundhara, Tehsil - Gwalior, Dist. Gwalior (MP) Cat. 1 (a) Mining.FoR – EIA Presentation. Env. Consultant - Creative Enviro Services, Bhopal (M.P.)**

This is case of Metal Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-865, Village-Gundhara, Tehsil - Gwalior, Dist. Gwalior (MP) 32.280 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. Nil, dated: Nil, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Environment setting

Particulars	Details
Locations	
Village	Gundhara
Tehsil	Gwalior

District	Gwalior
State	MP
Nearest National/state Highway	Gwalior- Mau Road - 10.50 km - W
Nearest Railway Station	Gwalior - 30 Km - SW
Nearest Airport/ Airstrip	Gwalior - 30 Km - SW
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10 km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10 km radius
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Sirsod RF -2.5 km -SW Phusawali RF -1.5 km - S Devgarh RF - 7.15km - S
Nearest major city with 100000 population	Nil
Nearest village	Gundhara - 0.25 km – N
Nearest Town	None within 10km radius
Physiographic	Hilly
Elevation	218- 195M
Slope	Radial
Nearest River	Vaisali Nadi - 7.25km - WSW Bhadauna Nadi - 8.0km - W
Nearest nalla/ pond/canal	Local Nalla - 0.50km - W Local Nalla - 4.75km - S Village Pond - 0.20km - N
Nearest hill/valley	None within 10 km radius
No. of mine located with 500m radius	None
Elevation	Highest - 218m RL Lowest - 195m RL
Surrounding features	North – Waste land followed by habitation South – Agricultural land East- Agricultural land West – Agricultural land followed by Village road.

Salient feature of the lease area

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	32.280 ha
Mineable area	30.1650ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Existing backfilled area	Nil
Infrastructure and road	Nil
Plantation	Nil
Total geological Reserve	6578744 cubic meter

Total Movable Reserve	5726604 cubic meter
Method of mining	Semi- mechanized
Ultimate Depth of Mining	10m bgl (185m RL)
Expected Life of Mines	13 years
Stripping Ratio	1:0.2
Existing mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	30.1650 ha
Area to be reclaimed till conceptual period (By Backfilling)	Nil
Area to be rehabilitated by afforestation in conceptual period	4.20 ha
Area to be covered under water reservoir	28.00 ha
Ground water table	
Post monsoon	30m bgl (165m RL)
Pre monsoon	35m bgl (155 m RL)
Production per day (M ³)	1445
Truck per day (14M ³)	103
End user of mineral	Infrastructure and development project, road project

GEOLOGY OF THE MINE

Geology and deposit appraisal	
Area	32.280 ha
Lithology	Weathered siliceous loamy lateritic soil and murum: 1.5-2.0m (average) Metal stone/Boulder stone – 33m avg. Color- Grey to dark grey, Black Granularity – Medium grained Hardness- 5-6
Average thickness of Metal stone /Boulder Stone	33 m avg.
Recovery of reserves	98 %
Geological reserve (G2) category (90% recovery)	6447198 cube meter
Mineral resource (ore blocked in Barrier zone in cube meter)	455994 cube meter
Mineral resource (maintaining the benches slope)	264600 cube meter
Probable Mineral Reserve	5726604 cube meter
Prefeasibility Mineral Resource (total block mineral)	720594 cube meter

Proposed Production	433403 cube meter
First five year production	2047860 cubic meter
Balance reserve after SOM period	3678744 cubic meter
Hence mine life (5+balance reserve/ Production)	$3678744 / 433403 \text{ cube meter} = 8.48+5 = 12.48$ say 13 Year
Height of bench and no.	1m -5m and 7 benches
Haul road gradient	1:16

Post land use plan

Items	At present	At the end of SOM	At the end of conceptual period
Total lease area	32.280 ha		
Mineable area	30.1650 ha		
Ultimate depth of mining		10m bgl (185mRL)	10m bgl (185mRL)
Ultimate pit slope		45 ^o	45 ^o
Area under dumps	Nil	Nil	Nil
Area under pits	Nil	11.7776 ha	30.1650 ha
Area to be reclaimed	Nil	Nil	Nil
Infrastructure & Road	Nil	0.01 ha	Nil
Plantation	Nil	1.0ha	4.20ha
Water body	Nil	5.0ha	28.00 ha

The case was presented by the PP and their consultant in the 41st SEAC-II meeting dated:26/07/2016 and during presentation it was observed that the total area of lease is > 25 ha thus 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 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.

PP has submitted the EIA report vide letter dated 02/01/18. Which was forwarded by SEIAA to SEAC vide letter no. 1472 dtd. 05/01/18.

P.P and his consultant presented the salient features of the project, EIA, baseline data and the proposed EMP before the committee.

1. During the Presentation it was reported that the mine is on small hillock having 23 mt elevation difference.
2. Mine is surrounded by the agricultural land, habitation (250 mtr) and village pond (200m).
3. Reserve detail has been discussed which is as per the approved mining plan. Geo technical details were also discussed and considering proposed bottom area of the ultimate pit
4. As reported that water table is around 30-35 mt BGl and ultimate depth is proposed 10 mtrs.
5. PP has proposed to develop two row plantation along the village road and pond.

Details of Conceptual Pit

Period	Pit no.	Average surface area –ha	Average bottom area –ha	Average Depth- m	No of bench from tom	Bottom RL of the area
SOM period	Pit- A	11.7776	7.2539	33	6-7	185m
CP	Pit –A	30.1650	22.3526	33	6-7	185m

Mining Method

- Proposed mining activity will be carried out by open cast semi-mechanized method of mining and using of hand tools such as spades, chisel, hammer and excavator (poclain and JCB machines etc.)
- Following machineries will be deployed for proposal period for metal stone quarrying.
Excavator Machine (Poclain & JCB : One each
Dumper : 3 No.
JH/WD : One each
Shovel : 04 no.
Chisel, hammer, pans, road: sufficient quantity
- During the SOM period, one development and seven production benches with height of 1-5.0m will be develop up to 185m RL.

- During the proposed SOM period about 11.7776ha area will be excavated and at the end of conceptual period about 30.1650ha area will be developed.
- Method of mining confined within the ultimate pit limit (7.5m) and mine life is 13 years.

ENVIRONMENT IMPACT & MANAGEMENT: Ecology: Stage Wise Cumulative										
REQUIREMENTS OF PLANTS FOR AFFORESTATION/RECLAMATION										
Year	Unworked area green belt		Outside dumps (reclaim area)		Bench of Pit		Inside dump		Total	
	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees	Area (Ha)	Trees
Existing	Nil	Nil	-	-	-	-	-	-	-	-
1 st to 5 th	2.035	4000	-	-	0.80	1600	-	-	2.80	5600
6 th to CP	-	-	-	-	1.3650	2800	-	-	1.3650	2800
Total	2.035	4000	-	-	2.1650	4400	-	-	4.20	8400

Time Bound Plantation Programme		
Year	Area	Number of Plants
1 st	1.0ha + 900m (Road side)	2000 + 360 = 2360
2 nd	0.50 ha	1000+360 = 1360
3 rd	0.535ha	1000
4 th	0.40	800
5 th	0.40	800
6 th to cp	1.3650	2800
Total	4.20+900	8400+720

BUDGET FOR PLANTATION

Budget Allocation for Plantation				
S. No.	Head	Qty	Rate (Rs.)	Amount (Rs.)
	Within lease area			
1 st	Saplings, with related work	2000	250/-	5,00,000/-
2 nd	Saplings, with related work	1000	250/-	2,50,000/-
3 rd	Saplings, with related work	1000	250/-	2,50,000/-
4 th	Saplings, with related work	800	250/-	2,00,000/-
5 th	Saplings, with related work	800	250/-	2,00,000/-
6 th to CP	Saplings, with related work	2800	250/-	7,00,000/-
	Total	8400		21,00,000/-
				-

Along the transport road				
1 st year	Saplings, with earth work and pesticides and tree guard	360	355/-	1,27,800/-
2 nd	Saplings, with earth work and pesticides and tree guard	360	355/-	1,27,800/-
	Total	720		2,55,600
	Grand total	9120		23,55,600

SOCIO-ECONOMIC ENVIRONMENT

SN	Plan	Activity	Place of activity	Budgetary provisions (Rs in lakh) per year	
				Capital	Recurring
1.	Promotion of quality education	A) Computer education: providing at least 02 computers in nearby school i.e. Gundhara and providing facilities of teacher for computer education and basic education. (B) Providing room for computer lab	Nearby Village School (02no.) Computer @ Rs. 30,000 Teacher @ Rs. 10000/month. Need based support for building repairing, toilets, fresh water supply etc through Gram Panchayat / Gram Sabha	0.60 1.00	1.20
2	Provision of street Solar light	5 no. of Solar street light provide to nearby villages i.e. Gundhara, Jiganiya, Gumara ka Chak, Kripalpur, Muhammadpur	12 months	2.00	0.50
3	Free medical camp	Medical Checkup facility, first aid and other welfare activities for nearby villagers	Quarterly		2.00
4	Drip Irrigation facility at nearby villages	Motivation and financial assistance to the framers of nearby villages for drip irrigation Gundhara, Jiganiya, Gumara ka Chak, Kripalpur, Muhammadpur	Yearly	2.00	1.00
5.	Provision of community toilet facility at village	Toilet facility provide with water tank and its maintenance at nearby villages Gundhara, Jiganiya, Gumara ka Chak, Kripalpur,	Yearly	10.00	2.00

		Muhammadpur (Two toilet each for man and women)			
6	Water supply	Drinking water supply with water filter at Gundhara, Jiganiya, Gumara ka Chak, Kripalpur, Muhammadpur	Yearly	5.00	0.50
7	Playground	Development of playground at village Gundhara	One time	2.50	-
8	Provision of fodder plot	To provide land for fodder plot and developed the fodder plot	-	5.00	0.50
			Total	28.10	7.70

Expenditure on Environmental Management Plan

Budget for Occupational Health and Safety of the workers (in Lakhs)		
Items	Capital Cost in lacs	Recurring cost in lacs
Personal Protective Equipments (Mask, Gloves, Goggles)	2.50	0.25
Medical Checkup facility, first aid and other welfare activities	2.00	0.50
Total	4.50	0.75

Total Cost (EMP + CSR+ plantation + Monitoring)

Particular	Capital	Recurring
Proposal for over head tank with water spray arrangement and solar pump	10.00	0.50
Sub- Total	10.00	0.50
Plantation (Capital cost) Along the village Road	2.56	-
Maintenance of Plantation (Along the village Road & lease area) @ Rs 45/- per plant	-	1.00
Plantation (Capital cost) within lease area	21.00	
Sub- Total	23.56	1.00
Construction of transportation road and maintenance (0.460km x 7.50m W@742 per sqm WBM road)	25.60	1.80
Mines to PWD Roads maintenance (14.40km@2.0lakh per Km)	-	28.80
Sub- Total	25.60	30.60
Occupational health and safety exp.	4.50	0.75
Total	4.50	0.75
Environmental Monitoring cost	7.00	7.62

Sub- Total	7.00	7.62
Fencing around the lease periphery 2726m@300/-	8.20	1.40
Sub- Total	8.20	1.40
Total	78.86	41.87
CSR cost	28.10	7.70
Sub- Total	28.10	7.70
Grand Total	106.96	49.57

After detail discussion, committee has asked the PP to submit the following information:

1. Commitment for provision of over head sprinkler arrangement and provision of budget for the same in the EMP and slope stability study.
2. Confirmation by the PP for the provision of bench height of 5.5 mtrs with details of production benches for each year during SOM period.
3. Budget for alternate Pucca road in EMP as discussed during presentation.
4. Revised plantation scheme as suggested by the committee during presentation.
5. Details of arrangements for water availability with necessary support documents.
6. Inventory of existing trees in the lease area with their name, species and numbers.
7. Any proposal of tree falling during mining period.

PP has submitted the response of above quarries vide letter dated 27.01.2018 which was placed before the committee and the same found satisfactory. 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 for crusher stone mining lease in an area of 32.280 ha. (4,33,403 m³/year) at Khasra No. Part of 865 at Village – Gundhara Tehsil & Distt-Gwalior (M.P), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.

5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Tar road of 400 mtr for carrying out the transportation shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. PP shall use the rock breakers for the mining purposes considering the proximity of a village.
10. Retaining wall along with drain shall be provided all around the down side of the hillock with atleast 01 mtrs height.
11. PP shall carry out slope stability of high wall study once in year and report shall be submitted MPSEIAA.
12. PP shall construct alternate pucca route of 400 mtrs for evacuation of mineral avoiding the habitation area.
13. A wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher area to avoid fugitive emissions and considering the volume of proposed production crusher should be installed minimum 500 meetrs away from any residential area.
14. Over head water sprinkling system shall be provided to control the fugitive emission during transportation of minerals.
15. Provision of solar pumps shall be made for various pruposes during mining operation.
16. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. 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) to provide additional protection in one year only.
17. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 8400 no's of trees will be planted along and within the ML.
18. Transportation of material shall be done in covered vehicles.
19. Transportation of minerals shall not be carried out through forest area.
20. The OB as Murrum shall b utilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
21. Garland drains 414.0 X 1.5 X 1.0m, 896.0 X 1.5 X 1.0m, 708.0 X 1.5 X 1.0m, 520.0 X 1.5 X 1.0m with 17 settling pits should be provided to avoid silt discharge. Three settling

tanks (1100sqm X 5.0m D, 9000Sq m X 5.0m D, 2000Sq m X 5.0m D) shall be connected with garland drains and settling pits shall be provided for proper sedimentation.

22. Water sprinkling through tankers should be provided on 540 meter long and 06 meter wide haul road. However, regular water spraying should also be practiced on 400 meters long and width 06 meters wide transport road for dust suppression.
23. 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.
24. The existing and proposed land use plan of the mine is as follows:

Items	At present	At the end of SOM	At the end of conceptual period
Total lease area	32.280 ha		
Mineable area	30.1650 ha		
Ultimate depth of mining		10m bgl (185mRL)	10m bgl (185mRL)
Ultimate pit slope		45 o	45 o
Area under dumps	Nil	Nil	Nil
Area under pits	Nil	11.7776 ha	30.1650 ha
Area to be backfilled	Nil	Nil	Nil
Infrastructure & Road	Nil	0.01 ha	Nil
Plantation	Nil	1.0ha	4.20ha
Water body	Nil	5.0ha	28.00 ha

25. 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.
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. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
29. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

30. The proposed EMP cost is Rs. 106.96 lacks and Rs. 49.57 lacks /year are proposed as recurring expenses out of which Rs. 23.55 lacks is proposed for green belt development

inclusive of green belt along transport road and Rs. 1.00 lacks /year for recurring expenses for plantation in the proposed EMP of this project.

31. Under CSR activity, Rs. 28.10 lacks and Rs. 7.70 lacks /year are proposed as recurring expenses in different activities and should be implemented through respective committees.
32. The adequate budget shall be provided for the PH issue i.e. fodder plot (Rs 5 Lacs for 1 acre) and protection measures like construction of retaining wall etc.
33. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
34. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
35. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
36. PP will comply with all the commitments made vide letter dated 27.01.2018.
37. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

18. Case No. - 5637/2018 Shri Gaya Prasad Agrawal S/o Shri Jagdish Prasad Agrawal, Village - Amarkantak, Tehsil - Pushparajgarh, Dist. Anuppur, MP – 484886 Prior Environment Clearance for Stone Quarry in an area of 7.639 Ha.. (41,249 cum per annum) (Khasra no. 407/13, 406/4, 406/6, 406/7, 419/3k, 419/3kha, 407/1, 408/1) at Village- Bartola, Tehsil - Pushparajgarh, Dist. Anuppur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 407/13, 406/4, 406/6, 406/7, 419/3k 419/3kha, 407/1,408/1) at Village- Bartola, Tehsil - Pushparajgarh, Dist. Anuppur (MP) 7.639 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 401 dated: 08/09/2017 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein following details were provided by the PP:

S. No	Particulars	Details																																													
1	Name of the project & its location:	7.639 Hectare Bartola Stone Quarry Of Gaya Prasad Agrawal S/o Shri Jagdish Prasad Agrawal At Village-Bartola, Tehsil-Pushparajgarh Dist. Anuppur (M.P)																																													
2	Name of the Company, Address Tele No. & E-mail :	Gaya Prasad Agrawal S/o Shri Jagdish Prasad Agrawal Village- Amarkantak, Tehsil-Pushparajgarh Dist. Anuppur (M.P) 484886 Email: gpa201718@gmail.com Contact No.: 7909557920																																													
3.	Latitude and Longitude of the project	<table border="1"> <thead> <tr> <th>COORDI NATE</th> <th>PILLAR NO.A</th> <th>PILLA R NO.B</th> <th>PILLAR NO.C</th> <th>PILLA R NO.D</th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>22°58'11.91 "N</td> <td>22°58'1 2.48"N</td> <td>22°58'16.86 "N</td> <td>22°58'22 .72"N</td> </tr> <tr> <td>Longitude</td> <td>81°27'55.88 "E</td> <td>81°27'5 3.25"E</td> <td>81°27'53.07 "E</td> <td>81°27'53 .25"E</td> </tr> <tr> <th>PILLAR NO.E</th> <th>PILLAR NO.F</th> <th>PILLA R NO.G</th> <th>PILLAR NO.H</th> <th>PILLA R NO.I</th> </tr> <tr> <td>22°58'22. 81"N</td> <td>22°58'26.64 "N</td> <td>22°58'3 0.03"N</td> <td>22°58'31.99 "N</td> <td>22°58'33 .15"N</td> </tr> <tr> <td>81°27'55. 56"E</td> <td>81°27'58.01 "E</td> <td>81°28'0 1.03"E</td> <td>81°28'01.99 "E</td> <td>81°28'03 .26"E</td> </tr> <tr> <th>PILLAR NO.J</th> <th>PILLAR NO.K</th> <th>PILLA R NO.L</th> <th>PILLAR NO.M</th> <th>PILLA R NO.N</th> </tr> <tr> <td>22°58'33. 08"N</td> <td>22°58'27.97 "N</td> <td>22°58'2 6.51"N</td> <td>22°58'15.03 "N</td> <td>22°58'15 .22"N</td> </tr> <tr> <td>81°28'04. 07"E</td> <td>81°28'03.47 "E</td> <td>81°28'0 2.29"E</td> <td>81°28'00.09 "E</td> <td>81°27'59 .02"E</td> </tr> </tbody> </table>	COORDI NATE	PILLAR NO.A	PILLA R NO.B	PILLAR NO.C	PILLA R NO.D	Latitude	22°58'11.91 "N	22°58'1 2.48"N	22°58'16.86 "N	22°58'22 .72"N	Longitude	81°27'55.88 "E	81°27'5 3.25"E	81°27'53.07 "E	81°27'53 .25"E	PILLAR NO.E	PILLAR NO.F	PILLA R NO.G	PILLAR NO.H	PILLA R NO.I	22°58'22. 81"N	22°58'26.64 "N	22°58'3 0.03"N	22°58'31.99 "N	22°58'33 .15"N	81°27'55. 56"E	81°27'58.01 "E	81°28'0 1.03"E	81°28'01.99 "E	81°28'03 .26"E	PILLAR NO.J	PILLAR NO.K	PILLA R NO.L	PILLAR NO.M	PILLA R NO.N	22°58'33. 08"N	22°58'27.97 "N	22°58'2 6.51"N	22°58'15.03 "N	22°58'15 .22"N	81°28'04. 07"E	81°28'03.47 "E	81°28'0 2.29"E	81°28'00.09 "E	81°27'59 .02"E
COORDI NATE	PILLAR NO.A	PILLA R NO.B	PILLAR NO.C	PILLA R NO.D																																											
Latitude	22°58'11.91 "N	22°58'1 2.48"N	22°58'16.86 "N	22°58'22 .72"N																																											
Longitude	81°27'55.88 "E	81°27'5 3.25"E	81°27'53.07 "E	81°27'53 .25"E																																											
PILLAR NO.E	PILLAR NO.F	PILLA R NO.G	PILLAR NO.H	PILLA R NO.I																																											
22°58'22. 81"N	22°58'26.64 "N	22°58'3 0.03"N	22°58'31.99 "N	22°58'33 .15"N																																											
81°27'55. 56"E	81°27'58.01 "E	81°28'0 1.03"E	81°28'01.99 "E	81°28'03 .26"E																																											
PILLAR NO.J	PILLAR NO.K	PILLA R NO.L	PILLAR NO.M	PILLA R NO.N																																											
22°58'33. 08"N	22°58'27.97 "N	22°58'2 6.51"N	22°58'15.03 "N	22°58'15 .22"N																																											
81°28'04. 07"E	81°28'03.47 "E	81°28'0 2.29"E	81°28'00.09 "E	81°27'59 .02"E																																											
4.	If a Joint venture, the names & addresses of the JV partners including their share	Lease Owner																																													
5	Project brief: nature of proposal (new/expansion,)	New Lease Area 7.635 Hect.																																													

	total area- land use, project components, connectivity to the site etc.	Mineral – Basalt- Capacity : 41249 Cu.m Per Year Lease Period- 10 Year (17-18 to 26-27)
6	Whether the project is in the Critically Polluted Area (CPA):	No.
7	Cost of the project :	16 lakhs (Approx.)
8	Employment generated/to be generated:	15-20
9	Benefits of the project:	It's a mine of Basalt mineral.
9	Whether new or expansion project. If expansion: (i) from MT to MT (ii) ii What is the % of expansion	It's a new project.
10	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	No
11	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	No
12	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.	N.A.
13	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	N.A.
14	If the project was considered in EAC, Pl. gives dates of the meeting (s).	No
15	Type of Mine: (Open cast/Underground/mixed)	Open cast Mine
16	Capacity of the mine applied for	7.369 Hect.
17	ML Area i. As per block	7.369 Hect.

	allotment ii. As per approved mine plan	
18	Date of approval of mine plan, mine closure plan, status & date	Approval Letter no. 2007 Date. 30.12.2017
19	Date of Board's approval:	No
20	Date of Ground water clearance:	No
21	Date of mine closure approval	Mine lease is approved for the period of 10 years from 30.12.2017
22	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	Details of EMP & CSR is given below:

ANNUAL COST OF ENVIRONMENTAL PROTECTION MEASURES			
Sr. No.	Environmental Management	Details of expenses	Expenses per Year (in Rs.)
1.	EMP Cost	Production cost @ Rs. 200 / cu.m. Total production cost = Rs. 8249800 (41249 m ³) EMP cost = 3 % of total production cost	247494.00
a	Dust suppression (Haul Road Length = 500 M X 6 M)	Water cost = @ Rs. 100 / tanker * 3 * 240 days	72000.00
b	Development of green belt area	Budgetary provision for plantation and its maintenance @ Rs. 200/ plant * 80 plants = Rs. 16000/- Gardener Expenses = Rs. 60000/- Other Expenses = Rs. 24000/-	100000.00
c	Environment Monitoring	Annual monitoring cost (six monthly basis one sample of Air/Water/Noise Level) @ Rs. 30000	60,000.00

d	Reclamation/Rehabilitation	Not Require	Nil
e	Miscellaneous		15494.00
Total			247494.00

ANNUAL COST CSR ACTIVITIES

Sr. No.	CSR Activities	Details of expenses
1	Total CSR budget	Total production = 41249 cu.m. Profit per cu.m.=Rs. 100 = Rs. 4124900 Budget for CSR @ 3 % of the total profit
a.	Construction of Classrooms and Sanitation facilities in nearby School.	40 % of annual CSR budget
b.	Distribution of Books and other stationeries to the children of nearby school.	30 % of annual CSR budget
c.	Health camps	15 % of annual CSR budget
d.	Energy conservation awareness through distribution of solar lamps.	15 % of annual CSR budget
Total		

3	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	Details are given below:
---	--	---------------------------------

A	B	C		D	E
Year	Plantation during the year (No. of saplings)	Area covered during the year in m ²		Survival rate%	Remarks location/ Species
		BARRIER ZONE	Green belt Nos./area (Sqm)		
					Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos.,

						Plantation @ 1/3 m ²
2017-18	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Kachnar-20 Nos., Plantation @ 1/3 m ²
2018-19	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m ²
2019-20	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Kachnar-20 Nos., Plantation @ 1/3 m ²
2020-21	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m ²
2021-22	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m ²
2022-23	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m ²
2023-24	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Kachnar-20 Nos., Plantation @ 1/3 m ²
2024-25	80	1860.2	80/1860.2	80	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m ²

	2025-26	80	1860.2	80/1860.2	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Kachnar-20 Nos., Plantation @ 1/3 m2
	2026-27	80	1860.2	80/1860.2	80	Neem -20 Nos., Sissoo-20 Nos., Mango-20 Nos., Awala-20 Nos., Plantation @ 1/3 m2
	Total	800	18602 m ²	800/18602	80	
333 No. of additional trees will be planted both side of the 500 mtr. Long haul road within the time period of 10 years.						
4	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.		No			

The case was presented by the PP and their consultant in the 308th SEAC meeting dated 24/02/2018 wherein after presentation PP was asked to submit response on following:

1. The gradient of the QL is very high thus haul road layout commensurate to the gradient shall be submitted.
2. As per the Google image of November, 2016 on the both side of lease natural drains are in existence thus Pp was asked to submit revised map leaving 50 meters area for the natural drain as per MMR, 1996.
3. Drawing and design of garland drains and settling pits on surface map considering peak rainfall and existence of natural drain on both sides of the lease.
4. Revised plantation scheme as suggested by the committee.
5. Proposal for overhead sprinkling system with budgetary provisions in EMP.
6. Proposal for 03 meter MS wall all around the crusher with budgetary provisions in EMP.
7. Revised EMP with bifurcation in capital and recurring.
8. Proposal for occupational health survey for the workers with their number.

PP vide letter dated 01/03/2018 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found satisfasctory 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 of Stone as per mine plan with quantity not exceeding 41,249 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.

- A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
- PP should explore possibility of using solar lights in office /rest areas.
- As per the Google image of November, 2016 on the both side of lease natural drains are in existence thus additional 50 meters area excluding 7.5 meter barrier zone shall be left as non-mining area for the natural drain as per MMR, 1996.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
- Approach road from site to the main road will be maintained by the PP.
- Top soil shall be simultaneously used for the plantation.
- A budgetary provision for Environmental management Plan of Rs. 4.85 lacks (capital) is made with a recurring expenditure of 2.39 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 03.00 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

(Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Dr. Rubina Chaudhary)
Member

(Prashant Shrivastava)
Member

(R. Maheshwari)
Vice-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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
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. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. 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.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
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.
15. 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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. 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.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. 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.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. 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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. 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.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.