

The 374th meeting of the State Expert Appraisal Committee (SEAC) was held on 25th May, 2019 under the Co-Chairmanship of Dr. 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. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.

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

1. **Case No. - 5808/2018 Shri Vidya Prakash Shrivastava, Proprietor, Indira Nagar, Dist. Rewa, MP Prior Environment Clearance for Laterite Quarry in an area of 10.433 Ha. (20,000 ton per annum) (Khasra No. 34) at Village- Dongariha, Tehsil - Simaria, Dist. Rewa (MP).**

This is case of Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 34) at Village- Dongariha, Tehsil - Simaria, Dist. Rewa (MP) 10.433 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases 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. 9797 dated: 22/10/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in 340th SEAC meeting dated 30/01/2019, 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.

The case was scheduled for presentation in 342nd SEAC meeting dated 18/02/2019, 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 giving last

chance 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.

This case was scheduled for presentation and discussion in 352nd SEAC meeting dated 18/03/2019, wherein it was recorded that PP vide letter dated 17/03/2019 has requested to schedule this case in next upcoming SEAC meeting as due to some unavoidable circumstances PP is unable to attend this meeting. Committee accepted the request made by PP and decided to call PP in next SEAC meetings as last chance.

Today, this case was again 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. Earlier PP was also absent in the 352nd SEAC meeting dated 18/03/2019, 342nd SEAC meeting dated 18/02/2019 & 340th SEAC meeting dated 30/01/2019. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

2. Case No. - 5836/2019 Shri Anil Pandey, Proprietor, Pandey Gas Agency, Village & Post - Semariya, Dist. Rewa, MP – 486445 Prior Environment Clearance for Laterite & Ochre Quarry in an area of 6.81 Ha. (16,128 Tonne per annum and 39,643 Tonne per annum) (Khasra No. 2) at Village- Bhamra, Tehsil - Semariya, Dist. Rewa (MP).

This is case of Prior Environment Clearance for Laterite & Ochre Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area of 6.81 Ha. (16,128 Tonne per annum and 39,643 Tonne per annum) (Khasra No. 2) at Village- Bhamra, Tehsil - Semariya, Dist. Rewa (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases 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. 9715 dated: 18/10/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 22.347 ha., including this mine.

Earlier this case was scheduled for presentation in 342nd SEAC meeting dated 18/02/2019, 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 after hearing from PP.

This case was scheduled for presentation and discussion in 352nd SEAC meeting dated 18/03/2019, wherein it was recorded that PP vide letter dated 17/03/2019 has requested to scheduled this case in next upcoming SEAC meeting as due to some unavoidable circumstances PP is unable to attend this meeting. Committee accepted the request made by PP and decided to call PP in next SEAC meetings as last chance.

Today, this case was again 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. Earlier PP was also absent in the 352nd SEAC meeting dated 18/03/2019 & 342nd SEAC meeting dated 18/02/2019 Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

3. **Case No. – 6092/2019 M/s Shree Kamal Lime Industries, Station Road, Dist. Katni, MP Prior Environment Clearance for Capacity Expansion of Limestone & Dolomite Quarry in an area of 41.39 ha. (Limestone - from 11,000 to 28,258 tonne per annum, Dolomite - from 11,000 to 1,04,834 tonne per annum) (Khasra No. 2P, 3P, 4P, 6P, 7P, 8P, 9P, 10, 12P, 13, 14P, 15P, 17, 18P, 19P, 20P, 21P, 23P, 25, 26, 27P, 28P, 29, 33P, 34P, 35P, 36P, 37P, 39P, 42P, 424 and 427P), Tehsil - Dhimar Kheda, Dist. Katni (MP). Env. Consultant – Creative Enviro Services, Bhopal.**

This is case of Expansion of Limestone & Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2P, 3P, 4P, 6P, 7P, 8P, 9P, 10, 12P, 13, 14P, 15P, 17, 18P, 19P, 20P, 21P, 23P, 25, 26, 27P, 28P, 29, 33P, 34P, 35P, 36P, 37P, 39P, 42P, 424 and 427P), Tehsil - Dhimar Kheda, Dist. Katni (MP) 41.39 Ha. The project requires prior EC before commencement of any activity at site.

Project at a Glance:

Objective	To obtain TOR for Capacity expansion of Durgahati Pipariya Limestone & Dolomite Mine (41.39 ha)
Proposed Capacity	Limestone - 28258 TPA and Dolomite – 104834 TPA

Existing capacity	11000 TPA
Promoters of the Project	Shree Kamal Lime Industries, Station Road, Katni (MP)
Location of Project	Village- Durgahati Pipariya, Tehsil-Dhimarkheda, Dist- Katni (MP)
Land use	Pvt. land
Altitude of Site	338-333m AMSL
Khasara No.	2P, 3P, 4P, 6P, 7P, 8P, 9P, 10, 12P, 13, 14P, 15P, 17, 18P, 19P, 20P, 21P, 23P, 25, 26, 27,P, 28P, 29, 33P, 34P, 35P, 36P, 37P, 39P, 42P, 424 and 427P
Lease period	50 year from 30.01.2009 to 29.01.2059
Surrounding features	East- Agricultural Land West – Village road followed by Agricultural land & Water Reservoir North –Agricultural land South –Village road followed by Agricultural land & Water Reservoir
Validity of CTO	Upto 31.03.2020
Previous EC	1219/SEIAA/12 dated 1.10.2012

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Limestone & Dolomite, from 11,000 to 28,258 tonne per annum Limestone and 11,000 to 1,04,834 tonne per annum Dolomite. During presentation it was recorded from the Google image that a water body (approx. 250 mts) exists, hence PP shall submit a protection plan in final EIA report. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier EC conditions duly authenticated by competent authority is to be submitted in the EIA Report.
 2. Protection plan of nearest water body is to be addressed by the PP.
 3. Minnum 08 locations of Air & Noise monitoring shall be selected and heavy metals shall also be analysed in the soil samples.
4. **Case No. – 6218/2019 M/s D.P.Rai, Shri D.P.Rai, Nanhaka, 10, East High Court Road, Ramdeshpeth, Dist. Nahpur, Mah. Prior Environment Clearance for Expansion of Manganese Ore Mine in an area of 14.90 ha. (10,000 tonne per annum to 60,000 tonne per annum) (Khasra No. 1, 2, 3, 4, 9, 10, 11), W.O. 136, 137, 138 Village - Pandharwani, Tehsil - Khairlanji, Dist. Balaghat (MP).**

This is case of Expansion of Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1, 2, 3, 4, 9, 10, 11), W.O. 136, 137, 138), Village - Pandharwani, Tehsil - Khairlanji, Dist. Balaghat (MP) 14.90 Ha. The project requires prior EC before commencement of any activity at site.

Project Description

Objective	To obtain ToR for Capacity expansion and modernization of Pandharwani Manganese Ore Mines (14.90 ha)
Proposed Capacity	60000 TPA from opencast and underground method
Existing capacity	10000 TPA from opencast method
Promoters of the Project	M/s D.P. Rai
Location of Project	Village- Pandharwani, Tehsil- Khairlanji, Dist- Balaghat (MP)
Land use	Govt. and Private Land
Altitude of Site	349 AMSL
Khasara No.	Khasra No. 1, 2, 3, 4, 9, 10, 11, W.O. 136, 137, 138
Lease period	21.06.2000 to 20.06.2029

Validity of consent	31.12.2021
Status of Previous EC	Issued vide no. 1843 dated 01.03.2018

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Manganese Ore u/g mine from 10,000 tonne per annum to 60,000 tonne per annum. Committee also decided to carryout site visit (if possible) to see the status of existing facilities & systems provided for environmental safeguard. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier EC conditions duly authenticated by competent authority is to be submitted in the EIA Report.
2. Minnum 08 locations of Air & Noise monitoring shall be selected and heavy metals shall also be analysed in the soil samples.
3. Protection plan of nearest water body is to be addressed by the PP.

5. Case No. – 6232/2019 Shri Raj Kishore Agarwal, Mitra Vihar Colony, Khirahni Road, PO & Dist. Katni, MP – 483501 Prior Environment Clearance for Limestone and Dolomite Quarry in an area of 18.09 ha. (45,000 to 2,00,000 tonne per annum) (Khasra No. 74, 69P, 71, 340, 343, 344, 354, 355P, 372, 373, 374), Village - Nanhwarakala, Tehsil - Vijayraghgarh, Dist. Katni (MP).

This is case of Limestone and Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 74, 69P, 71, 340, 343, 344, 354, 355P, 372, 373, 374), Village - Nanhwarakala, Tehsil - Vijayraghgarh, Dist. Katni (MP) 18.09 Ha. The project requires prior EC before commencement of any activity at site.

PROJECT DESCRIPTION: Location: The mining lease area is at Khasra No: Khasra no.- 74, 69P, 71, 340, 343, 344, 354, 355P, 372, 373, 374, village- Nanhwarakala, Tehsil – Vijayraghgarh, District- Katni, State- Madhya Pradesh

Topo sheet No- 63 D/12

Site Coordinates

Latitude - 24°00'52.3" to 24°01'19.1" North

Longitude - 80°32'51.8" to 80°33'36.6" East

AREA & PRODUCTION:

Proposed production is 2,00,000 TPA of Limestone/Dolomite.

Existing production- 45,000 TPA of Limestone/Dolomite

CONNECTIVITY:

The mine site is well connected by metalled or unmetalled road. The nearest railway station is – Pakaria road railway station is at approx. 6.2 km towards NW direction. The nearest airport is - Satna airport, approx 68 km towards NNE direction. The area is well connected with NH-7 by an all weather road. Katni lies at a distance of approx. 26 km towards SW direction from the mine site.

BASIC REQUIREMENTS FOR THE PROJECT

Water: There is requirement of approx. 10 KLD water for this project. 1.3 KLD will be for drinking/domestic purpose which will be abstracted from old ground water source. For other purpose water will be taken from mine.

Manpower: About 57 persons will be given employment to the people of nearby villages.

MINING METHOD:

Mining by open-cast mechanized mining method will be practiced. Development in OB and Ore will carried out by deploying HEMM. No deep hole drilling and blasting has been proposed to be carried out. Loading of OB/waste and of ore will be done by mechanical means. Bench Height and Width will be 6.0 m & Bench width will be 10-15m. Life of the Mine is 15 years.

Drilling & Blasting:

Overburden shale and mineral will require drilling and blasting, the limestone will be drilled by 32 mm diameter holes by Jack hammer.

PROJECT COST ESTIMATION:

Estimated cost of the project is Rs. 1.5 crore. About 5 lakhs has been kept under CER head for the development of the social infrastructure of the area. About 15 lakhs has been kept for EMP as capital cost & 10.0 lakh has been kept as Annual recurring cost.

PROJECT BENEFITS

The project will prove beneficial to the people as the company has already agreed to provide infrastructural facilities to the villagers like Educational facilities, Medical facilities, Transportation facilities, water supply etc. which will improve the socio-economic environment of the area.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Limestone & Dolomite, from 45,000 to 2,00,000 tonne per annum. Committee also decided to carryout site visit (if possible) to see the status of existing facilities & systems provided for environmental safeguard. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier EC conditions duly authenticated by competent authority is to be submitted in the EIA Report.
 2. Add one AAQ station at evacuation route and 08 GW samples to be analysed.
6. **Case No. – 6248/2019 Shri Ramnarayan Mukati S/o Shri Bhanwar Singh Mukati, Village - Kheda, Tehsil & Dist. Dhar, MP Prior Environment Clearance for Stone Deposit in an area of 1.254 ha. (59,961 cum per annum) (Khasra No. 1022/1), Village - Kheda, Tehsil - Dhar, Dist. Dhar (MP).**

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1022/1), Village - Kheda, Tehsil - Dhar, Dist. Dhar (MP) 1.254 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 1171 dated: 12/06/17 has reported that

there is 07 more mine operating or proposed within 500 meters around the said mine with total area of 15.778 ha., including this mine.

The case was presented by the PP and their consultant. Committee after deliberations decided that being it's a case Stone Quarry with total area of 15.778 ha., including this mine. Being it's is a case where large volume of mining activities are in operation in the vicinity thus committee may also carryout site visit to verify the environmental protection measures taken by operating mines in the area. According to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 05 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Level of mechanization should be discussed in the EIA report.
2. Hydro geological study should be carried out if ground water intersection is proposed.
3. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
4. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
5. Air pollution control measures adopted by each mine and crusher in the cluster.
6. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
7. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
 - (a) Three monitoring station one each at three nearby villages (Kheda, Khandawa & Jamodi)
 - (b) Two monitoring station one each at main evacuation road and village road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
8. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
9. Photography and Videography should also be done during collection of baseline data.
10. Noise Monitoring on following locations be conducted for one season (winter):-

(a) Three monitoring station one each at three nearby villages (Kheda, Khandawa & Jamodi).

(b) Three monitoring station within the cluster area near installed crushers.

11. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
12. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
13. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
14. A drainage plan for entire cluster and surface run off management plan.
15. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
16. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
17. Public consultation is conducted as per EIA Notification, 2006.
18. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
19. Provide details of court cases/ litigations pending, if any.

7. Case No. – 6249/2019 Shri Ambaram Raghvanshi S/o Shri Madanlal Raghvanshi, Village - Jamodi, Tehsil & Dist. Dhar, Prior Environment Clearance for Stone Deposit in an area of 1.262 ha. (60612 cum per annum) (Khasra No. 225/1), Village - Jamodi, Tehsil - Dhar, Dist. Dhar (MP).

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 225/1), Village - Jamodi, Tehsil - Dhar, Dist. Dhar (MP) 1.262 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 1172 dated: 12/06/17 has reported that

there is 07 more mine operating or proposed within 500 meters around the said mine with total area of 15.778 ha., including this mine.

The case was presented by the PP and their consultant. Committee after deliberations decided that being it's a case Stone Quarry with total area of 15.778 ha., including this mine. Being it's is a case where large volume of mining activities are in operation in the vicinity thus committee may also carryout site visit to verify the environmental protection measures taken by operating mines in the area. According to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 05 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Level of mechanization should be discussed in the EIA report.
2. Hydro geological study should be carried out if ground water intersection is proposed.
3. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
4. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
5. Air pollution control measures adopted by each mine and crusher in the cluster.
6. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
7. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
 - (a) Three monitoring station one each at three nearby villages (Kheda, Khandawa & Jamodi).
 - (b) Two monitoring station one each at main evacuation road and village road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
8. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
9. Photography and Videography should also be done during collection of baseline data.
10. Noise Monitoring on following locations be conducted for one season (winter):-

- (a) Three monitoring station one each at three nearby villages (Kheda, Khandawa & Jamodi)
 - (b) Three monitoring station within the cluster area near installed crushers.
 - 11. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
 - 12. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
 - 13. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
 - 14. A drainage plan for entire cluster and surface run off management plan.
 - 15. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
 - 16. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
 - 17. Public consultation be conducted as per EIA Notification, 2006.
 - 18. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
 - 19. Provide details of court cases/ litigations pending, if any.
8. **Case No. – 6221/2019 Shri Varun Parasrampuriya, D-2, Vaishali Nagar, Dist. Damoh, MP – 470661 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (30,386 cum per annum) (Khasra No. 112), Village - Jamuniya, Tehsil - Damoh, Dist. Damoh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 112), Village - Jamuniya, Tehsil - Damoh, Dist. Damoh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Officer letter No. 91 dated: 02/03/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

The case was presented by the PP and their consultant. During presentation, it was observed by the D.F.O. letter issued vide letter no 617 dated: 19/03/2019 that forest area is within 250 meters periphery of this quarry and for that PP has already obtained FC clearance stage - I vide letter no 811 dated 25/10/2018.

After presentation the committee asked to submit following details:

- Revised EMP (include Vocational Training with budget) as suggested during presentation.
- Revised CER by adding proposal for water recharging of nearest pond.

PP has submitted the response of above quarries same date vide letter dated 25.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,386 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 41.86 Lakh as capital and Rs 14.77 Lakh/year and under CER Rs. 2.00 Lakh/years has proposed.

9. **Case No. – 6222/2019 M/s Arjun Nirman Infrastructure Pvt. Ltd, Sakin Vaishali Nagar, Dist. Damoh, MP – 470661 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (31,158 cum per annum) (Khasra No. 112), Village - Jamuniya, Tehsil - Damoh, Dist. Damoh (MP). Environmental Consultant: M/s Creative Enviro Services.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 112), Village - Jamuniya, Tehsil - Damoh, Dist. Damoh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office vide letter No. 92 dated: 2/3/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

The case was presented by the PP and their consultant. During presentation, it was observed by the D.F.O. letter issued vide letter no 618 dated: 19/03/2019 that forest area is within 250 meters periphery of this quarry and for that PP has already obtained FC clearance stage - I vide letter no 817 dated 25/10/2018.

After presentation the committee asked to submit following details:

- Revised EMP (include Vocational Training to the labors with budget) as suggested during presentation.
- Revised CER by adding proposal for water recharging of nearest pond.

PP has submitted the response of above quarries same date vide letter dated 25.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 31,158 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 43.86 Lakh as capital and Rs 15.77 Lakh/year and under CER Rs. 2.00 Lakh/years has proposed

10. Case No. – 6165/2019 Shri Dilip Singh Patel, Village - Diglay, Tehsil -Dhar, Dist. Dhar, MP – 454001 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (31,672 cum per annum) (Khasra No. 52), Village - Diglay,, Tehsil - Dhar, Dist. Dhar (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 52), Village - Diglay,, Tehsil - Dhar, Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 180 dated 29/1/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
kachcha Road	140	West	-

PP further stated that no blasting is proposed in the lease area. After presentation the committee asked to submit following details:

1. Revised EMP by adding by adding road cost @ 700 Rs/meter.

PP has submitted the response of above quarries same date vide letter dated 25.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum Quarry 31,672 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.66 Lakh as capital and Rs 3.61 Lakh/year and under CER Rs. 1.00 Lakh/years has proposed

11. Case No. – 6215/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Barigarh, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Sand Quarry in an area of 3.999 ha. (53708 cum per annum) (Khasra No. 561), Village - Parei, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 561), Village - Parei, Tehsil - Gaurihar, Dist.

Chhatarpur (MP) 3.999 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 1615 dated: 14/3/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image of Jan-2019 based on coordinates provided by PP, it was observed that > 60% of the lease area is under water submergence. Committee asked PP to submit revised operational production plan by calculating the volume of sand that can be evacuated from the remaining dried area for further consideration of this project.

12. Case No. – 6212/2019 M/s Maa Vindhya Vasini Stone Crusher, Shri Vijay Kumar Gupta, 255/289, Chaanakya Naga, Saman Road, Infront of Bansagar Colony, Dist. Rewa, MP – 486001 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.821 ha. (14,700 cum per annum) (Khasra No. 17, 18, 19), Village - TaHarraha, Tehsil - Mauganj, Dist. Rewa (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 17, 18, 19), Village - TaHarraha, Tehsil - Mauganj, Dist. Rewa (MP) 1.821 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 865 dated: 25/2/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	15	West	30 meters setback shall be left from drain as non-mining zone excluding 7.5 meters barrier zone.
Trees	Within lease		PP submitted that these trees will not be uprooted.

After presentation the committee asked to submit following details:

- Commitment that no trees shall be uprooted.
- Deployment of man and machine with commensurate manpower.
- Commitment for leaving 30 meters area as non-mining zone from natural drain.
- Undertaking that crusher is at outside of lease boundary.

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 14,700 cum/annum.
2. A setback of 30 meters shall be left in the lease from the drain as non mining area.
3. A budgetary provision for Environmental management Plan of Rs 11.59 Lakh as capital and Rs. 01.52 Lakh/year. Under CER Rs. 0.66 Lakh/years has proposed.

13. Case No. – 6219/2019 M/s Shri Ganesh Infratech, Shri Ganesh Munendra Mangal, 1st Floor, Ganesh Gas Agency, Sadar Bazar, Murar, Dist. Gwalior, MP – 477001 Prior Environment Clearance for Stone Gitty Quarry in an area of 2.8640 ha. (1,00,000 cum per annum) (Khasra No. 1711, 1712, 1714, 1715, 1716), Village - Pali, Tehsil - Gohad, Dist. Bhind (MP).

This is case of Stone Gitty Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1711, 1712, 1714, 1715, 1716), Village - Pali,

Tehsil - Gohad, Dist. Bhind (MP) 2.8640 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 7534 dated: 14/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	00	South	20 meter set back shall including 7.5 meter barrier zone be left in the lease from road.
Pucca Road	269	East	Triple row plantation towards road
Canal	483	East	-

After presentation the committee asked to submit following details:

- Revised EMP including water cost and VT for employees.
- CER as per capital investment.
- Water management details.

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Gitty Quarry 1,00,000 cum/annum.
2. 20 meter set back shall be left in the lease from Kachcha road as non-mining area.
3. A budgetary provision for Environmental management Plan of Rs 12.47 Lakh as capital and Rs. 1.79 Lakh/year. Under CER Rs. 0.90 Lakh/years has proposed.

14. **Case No. – 6220/2019 M/s Maa Sharda Stone Crusher, Shri Ranveer Singh Yadav, A-146, Mejar Ahmad Ka Makan, Anand Nagar, Bahodapur, Dist. Gwalior, MP – 477001 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.340 ha. (26,460 cum per annum) (Khasra No. 1038/2, 1048/1), Village - Dimran, Tehsil - Gohad, Dist. Bhind (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1038/2, 1048/1), Village - Dimran, Tehsil - Gohad, Dist. Bhind (MP) 1.340 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 7534 dated: 14/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his authorized 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 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.

15. **Case No. – 6207/2019 Shri Chandrabhan Singh S/o SHri Jageshwar Singh, Maharana Pratap Nagar, Pichor Medical, Dist. Jhansi, UP Prior Environment Clearance for Metal Stone Quarry in an area of 4.00 ha. (7,273 cum per annum) (Khasra No. 386/1/2), Village - Majra Bhelsa, Tehsil – Prathvipur, Dist. Tikamgarh (MP).**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 386/1/2), Village - Majra Bhelsa, Tehsil – Prathvipur, Dist. Tikamgarh (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 2118 dated: 16/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	80	West	--
Village	-	South-west	Triple row plantation towards village

After presentation the committee asked to submit following details:

- Revised EMP including road cost.

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone Quarry 7,273 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 11.35 Lakh as capital and Rs. 2.22 Lakh/year. Under CER Rs. 0.50 Lakh/years has proposed.

16. Case No. – 6223/2019 Smt. Nandan Markam W/o Shri Santosh Markam, Ward No. 3, Dist. Dindori, MP – 481880 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (8,039 cum per annum) (Khasra No. 139), Village - Kathotiya, Tehsil - Shahpura, Dist. Dindori (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 139), Village - Kathotiya, Tehsil - Shahpura, Dist. Dindori (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 43 dated: 17/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his authorized 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 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.

17. Case No. – 6208/2019 M/s Balaji Stone Crusher, Shri Dileep Maheshwari, Ladkui, Tehsil - Nasrullaganj, Dist. Sehore, MP – 466001 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (21,000 cum per annum) (Khasra No. 4,5,6/2/3, 4,5,6/2/1), Village - Ambakadeem, Tehsil - Nasrullaganj, Dist. Sehore (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4,5,6/2/3, 4,5,6/2/1), Village - Ambakadeem, Tehsil - Nasrullaganj, Dist. Sehore (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 9119 dated: 11/01/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.809 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
River	350	West	-

After presentation the committee asked to submit following details:

- Revised EMP including water cost.

- Revised CER (@ 2-3% of capital investment).

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Crusher Stone Quarry 21,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 12.42 Lakh as capital and Rs. 6.29 Lakh/year. Under CER Rs. 0.80 Lakh/years has proposed.

18. Case No. – 6206/2019 Shri Shriram Adivasi, Village - Pathraha, Tehsil - Gunour, Dist. Panna, MP – 488001 Prior Environment Clearance for Flagstone Quarry in an area of 2.00 ha. (3,532 cum per annum) (Khasra No. 753, 754/2), Village - Bachchaun, Tehsil - Pawai, Dist. Panna (MP).

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 753, 754/2), Village - Bachchaun, Tehsil - Pawai, Dist. Panna (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 597 dated: 28/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.0 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees	05-08 Within lease		PP submitted that these trees will not be uprooted.

urther submitted that stone will be excavated by semi-mechanized opencast method with pit pattern, and no blasting is proposed. After presentation the committee asked to submit following details:

- Commitment that no tree falling shall be done.
- Revised EMP including water cost.
- CER as per capital investment.
- Water management details.

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 3,532 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 3.34 Lakh as capital and Rs. 1.44 Lakh/year. Under CER Rs. 0.30 Lakh/years has proposed.

19. Case No. – 6171/2019 M/s Aaryabhata Mines & Minerals Pvt. Ltd, Flat No. 411, 4th floor, Supreme Plaza, Opp. Civil Lines, Dist. Jabalpur, MP – 482002 Prior Environment Clearance for Laterite Deposit Mine in an area of 4.35 ha. (1,50,000 tonne per annum) (Khasra No. 106P), Village - Dahngawan, Tehsil - Majhauli, Dist. Jabalpur (MP).

This is case of Laterite Deposit Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 106P), Village - Dahngawan, Tehsil - Majhauli, Dist. Jabalpur (MP) 4.35 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. NIL dated: 05/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	180	South-West	-
Kachcha road	50	West	No blasting
Pucca road	140	East	-
Habitation	330	NE & SW	Triple row plantation towards habitation
Trees (4-5)	within lease	-	PP submitted that these trees will not be uprooted.

PP further submitted that the method of mining is opencast semi mechanized method. Dispatch of minerals to various destinations will be done by hired truck/dumpers. Mineral is soft nature so blasting is not required. Recovery of laterite is 70% by volume and remaining 30% volume will generated as waste in the form of phyllite/siliceous waste. After presentation the committee asked to submit following details:

- Revised plantation @ 450 trees/year.
- Revised EMP and CER as suggested during presentation.

Vide letter dated 25.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Laterite Deposit 1,50,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 20.54 Lakh as capital and Rs. 2.11 Lakh/year. Under CER Rs. 1.60 Lakh/years has proposed.

20. Case No. – 6194/2019 Shri Ajay Kumar Pathak, Chayanakyapuri, Semaria Chowk, PO & Dist. Satna, MP – 485001 Prior Environment Clearance for Limestone Mine in an area of 16.264 ha. (Limestone – 7,68,673 tonne per annum, Reject Stone – 2,50,000 tonne per annum) (Khasra No. 234, 235, 237), Village - Hinauta, Tehsil - Baghelan, Dist. Satna (MP).

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 234, 235, 237), Village - Hinauta, Tehsil - Baghelan, Dist. Satna (MP) 16.264 Ha. The project requires prior EC before commencement of any activity at site.

Project Description:

S/n	Parameters	Details
1	Method of Mining	Opencast mechanized mining method.
2	Bench Height & Width	Bench Height – 6.0 m Bench width – 10-15 m
3	Drilling & Blasting	Drilling and blasting has been proposed.
4	Ultimate Pit Slope	45o
5	ML Area elevation	Highest elevation 294 mRL towards East Lowest Elevation- 285 mRL in NW.
6	Ultimate depth of mining	16 m
7	Ground water level	20m-25m below the ground level of 285 m RL
8	Mineable Reserve	2126090 tonns
9	Top Soil	12010 cu.m. which will be used for topping of the backfilled area (0.25 m sandy soil)
10	Drainage pattern/ water courses	The main drainage of the area is through seasonal water courses situated in north side of the applied area and Magardaha Nala situated in west of the ML area which merges into Tons river in NNW at 2.30 km distance.
11	Forest Area	Nil
12	Water Requirement	14 KLD will be made from nearby villages

13	Man Power Requirement	55 persons
14	Cost of project	Rs. 1.5 crore

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Limestone Existing production- 1,10,000 TPA of Limestone & reject stone and Proposed production- 7,68,673 TPA of Limestone & 2,50,000 TPA of reject stone. Committee also decided to carryout site visit (if possible) to see the status of existing facilities & systems provided for environmental safeguard. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier EC conditions duly authenticated by competent authority is to be submitted with the EIA Report.
2. Propose alternate route or ropeway for mineral transportation considering very heavy volume of mineral evacuation.
3. Add one AAQ station at evacuation route and 08 GW samples to be analysed.

DISCUSSION ON QUERY REPLY SUBMITTED BY PP

21. **Case No. - 6008/2019 M/s Shubham Construction Company, 44, Gayatri Vihar, Pinto Park, Murar, Dist. Gwalior, MP Prior Environment Clearance for Sand Deposit Quarry in an area of 4.229 ha. (38,803 cum per annum) (Khasra No. 151/1, 151/2, 151/3), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151/1, 151/2, 151/3), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 4.229 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 Office vide letter no. 790 dated: 12/03/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 361st SEAC meeting dated 12/04/2019. Wherein PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP)

for two years period, sand deposit from Dudhi river bed (river course diverted over the years thus encroaching part of private land i.e. ML area) & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Khasa Map with area allotted against each kahasra.
- Gram Sabah NOC (Tahrav Prastav)
- Commitment of PP that unproductive area shall be converted in to green belt area for which revised environmental plan shall be submitted.
- Commitment of PP that approach road shall be 5.5 meters wide.
- Revised CER adding awareness camp for traffic rules in villages as suggested during presentation.

Vide letter dated 04.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP 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 'C':

1. Production shall be as per mine plan with quantity not exceeding for Sand 38,803 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 13.80 Lakh as capital and Rs. 6.35 Lakh/year. Under CER Rs. 1.80 Lakh/years has proposed.

22. Case No. – 6125/2019 M/s Khardubadi Crusher Stone Quarry, Shri Arpit Goud, Khardubadi, Dist. Jhabua, MP – 457001 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (6,305 cum per annum) (Khasra No. 10, 11, 14), Village - Khardubadi, Tehsil - Jhabua, Dist. Jhabua (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 10, 11, 14), Village - Khardubadi, Tehsil - Jhabua, Dist. Jhabua (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter no 401 dated: 28/02/19 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.90 ha., including this mine.

As per Google image based on coordinates provided by PP, it was observed by the committee that the lease is located on the hill where steep slope, elevation difference was 14 meters was seen. In the hill valley few settlements were also observed.

After presentation in 365th SEAC meeting dated 03/05/2019 the committee asked to submit following details:

- Stone Evacuation route considering gradient and high topography on map.
- Site photographs.
- Commitment that crusher will not be installed in this lease as submitted by PP during presentation.
- Proposed proper EMP that protects rolling stone.
- Revised CSR for slides, seesaw, sports items for school as suggested by committee.
- Proposed bench configuration as discussed during presentation.
- Details of proposed mechanization.

PP has submitted the response of above quarries same date vide letter dated 3.05.2019, which was placed before the committee and it was observed that PP has not submitted the response on following queries:

- Revised EMP as suggested by committee.
- Revised CSR for slides, seesaw, sports items for school as suggested by committee.
- Proposed bench configuration as discussed during presentation.
- Details of proposed mechanization.

Vide letter dated 20.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Crusher Stone 6,305 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 7.99 Lakh as capital and Rs. 4.54 Lakh/year. Under CER Rs. 0.60Lakh/years has proposed.

23. Case No. – 6114/2019 M/s B.C.C.Project Pvt. Ltd, Ram Nagar, Baradari Chouraha, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.599

ha. (80,000 cum per annum) (Khasra No. 222/1, 222/2), Village - Jignia, Tehsil - Gwalior, Dist. Gwalior (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 222/1, 222/2), Village - Jignia, Tehsil - Gwalior, Dist. Gwalior (MP) 1.599 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. NIL dated: NIL has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.219 ha., including this mine.

The case was presented by the PP and their consultant in 368th SEAC meeting dated 02/05/2019. During presentation as per Google image based on coordinates provided by PP it was recorded that the lease is in three parts and following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
Kachha road	125	N-W	

During presentation and discussion after perusal of the documents submitted by the PP it was observed by the committee that DFO certificate is signed by SDO, committee asked PP should submit revised DFO certificate with signed by concerned DFO. After presentation the committee asked to submit following details:

- Revised DFO certificate is needed.
- Revised plantation scheme as suggested during presentation.
- Method of mining with dimension of benches is to be submitted.
- Revised EMP as suggested during presentation.
- Revised CER by adding smart classes, furniture in school and drainage maintenance, traffic awareness camp for villagers as by suggested during presentation.
- Revised location of crusher of surface Map.

Vide letter dated 21.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 80,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs 15.61 Lakh as capital and Rs. 1.19 Lakh/year. Under CER Rs. 0.75 Lakh/years has proposed.

24. Case No. – 6142/2019 Shri Paramal Adiwasi, R/o Village - Pawaiya, Tehsil - Amanganj, Dist. Panna, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 3.00 ha. (25,000 cum per annum) (Khasra No. 708 Parts), Village - Pawaiya, Tehsil - Amanganj, Dist. Panna (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 708 Parts), Village - Pawaiya, Tehsil - Amanganj, Dist. Panna (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 530 dated: 08/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks.
1.	Kaccha road	>80	Eastern side.	

After presentation the committee asked to submit following details:

- Copies of all the approved Maps are to be submitted by the PP.
- Revised EMP by adding cost of PPEs, enhanced budgetary provisions for road and eliminates VT.

PP has submitted the response of above quarries same date vide letter dated 01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Crusher Stone 25,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.42 Lakh as capital and Rs1.78 Lakh/year and under CSR Rs. 0.75 Lakh/years has proposed.

25. Case No. – 6122/2019 Smt. Kumkum Singh, Village - Kubari, Tehsil - Bahari, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (25,284 cum per annum) (Khasra No. 65/1/1/1 Parts), Village - Karaundi, Tehsil - Bahari, Dist. Sidhi (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 65/1/1/1 Parts), Village - Karaundi, Tehsil - Bahari, Dist. Sidhi (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 964 dated: 05/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by the PP, following sensitive features were observed within 500 meters of the lease area:

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks
1.	Trees	Within the lease	-	Commitment from PP that no tree felling is proposed.
2.	Water body	>100	west	

3.	Shed like structure	Within the lease		PP stated this is a site office.
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After presentation the committee asked to submit following details:

- Copy of agreement.
- Inventory of the trees with details of girth and commitment of PP for no tree cutting.
- Revised EMP (include provision of Vocational Training).
- Revised CER include name of five villages where CER work is to be done.

PP has submitted the response of above quarries same date vide letter dated 30.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 19,400 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.90 Lakh as capital and Rs. 1.78 Lakh/year. Under CER Rs. 0.785 Lakh/ year has proposed.

26. Case No. – 6086/2019 Shri Prafull Chaurasiya, Matkari Colony, Tehsil & Dist. Guna, MP – 473001 Prior Environment Clearance for Murrum Quarry in an area of 1.00 ha. (4,800 cum per annum) (Khasra No. 8/1/min-1 Part), Village - Sakatpur, Tehsil - Guna, Dist. Guna (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/1/min-1 Part), Village - Sakatpur, Tehsil - Guna, Dist. Guna (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 5215 dated: 12/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine.

The case was presented by the PP and their consultant in 363rd SEAC meeting dated 16/04/2019. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Village Road	>69	West	No Blasting is proposed
Natural drain	>50	North East	

During presentation it was observed by committee that some part of the lease is on the hillock / mound and thus PP was asked to provide garland drains and settling tank so that surface runoff can be discharged after proper settling. During presentation, it was submitted by PP that evacuation will be made by trollies as the quantity is only 4800 cum/year. After presentation the PP was asked to submit following information:

- Proposal for garland drain and settling tanks in EMP with budgetary allocations.
- Proposal for plantation @ 150 plants/ year.

Vide letter dated 16.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 4,800 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.23 Lakh as capital and Rs. 1.14 Lakh/year. Under CER Rs. 0.35 Lakh/years has proposed.

SEIAA vide letter no 710 dated 20/05/2019 forwarded this case file to SEAC by stating that: this case was discussed in 544th SEIAA meeting dated 02/5/2019 and it has been recorded that

“This case was recommended in 363nd SEAC dtd. 16/4/19 and it was recorded that..... vide letter dated 16/04/19, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP

were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'”

During presentation, it was observed from Google earth that natural drain is passing through the mining lease area hence it is decided to send the case to SEAC for re-examination and reappraisal.

The above case was placed before the committee. Committee observed through Google image that part of site is located on hillock and thus to carry runoff a drain is in existence in the lease. Committee observed that in the minutes issue related to surface runoff was discussed and PP was asked to provide garland drains and settling tanks to channelize the runoff. Tehsildar has also not mentioned existence of any natural drain in the issued certificate. This lease is just adjacent to the lease of case no. 6084/2019. Committee observed that since PP has submitted the proposal for settling tank (10mx10mx03) with garland drain, the case was recommended for grant of EC.

27. Case No. – 6084/2019 Shri Dharmendra Jaat, Village - Paatai, Tehsil & Dist. Guna, MP – 473001 Prior Environment Clearance for Murrum Quarry in an area of 1.00 ha. (4,800 cum per annum) (Khasra No. 8/1/min-1 Part), Village - Sakatpur, Tehsil - Guna, Dist. Guna (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/1/min-1 Part), Village - Sakatpur, Tehsil - Guna, Dist. Guna (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 5217 dated: 13/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine.

The case was presented by the PP and their consultant in 363rd SEAC meeting dated 16/04/2019. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Village Road	>75	West	No Blasting is proposed
Natural drain	Approx. 155	North East	

During presentation it was observed by committee that some part of the lease is on the hillock / mound and thus PP was asked to provide garland drains and settling tank so that surface runoff can be discharged after proper settling. During presentation, it was submitted by PP that evacuation will be made by trollies as the quantity is only 4800 cum/year. After presentation the PP was asked to submit following information:

- Proposal for garland drain and settling tanks in EMP with budgetary allocations.
- Proposal for plantation @ 150 plants/ year.

Vide letter dated 16.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 4,800 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.75 Lakh as capital and Rs. 1.02 Lakh/year. Under CER Rs. 0.35 Lakh/years has proposed.

SEIAA vide letter no 681 dated 17/05/2019 forwarded this case file to SEAC by stating that:

“this case was discussed in 544th SEIAA meeting dated 02/5/2019 and it has been recorded that “This case was recommended in 363nd SEAC dtd. 16/4/19 and it was recorded that vide letter dated 16/04/19, PP has submitted the desired information which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure ‘A’

During presentation, it was observed from Google earth that natural drain is passing through the mining lease area hence it is decided to send the case to SEAC for re-examination and reappraisal.”

The above case was placed before the committee. Committee observed through Google image that part of site is located on hillock and thus to carry runoff a drain is in existence in the lease. Committee observed that in the minutes issue related to surface runoff was discussed and PP was asked to provide garland drains and settling tanks to channelize the runoff. Tehsildar has also not mentioned existence of any natural drain in the issued certificate. This lease is adjacent to the lease of case no. 6086/2019. Committee observed that since PP has submitted the proposal for settling tank (10mx05mx03) with garland drain, the case was recommended for grant of EC.

28. Case No. - 5695/2018-Prior Environmental Clearance for sand mine in an area of 20.00 ha (Minable area 10.11 ha out of 20.00 ha allotted area as per SEAC recommendation) for production capacity of 2,22,925 cum per annum at Khasra no. 317/384 at Village-Mohbala, Tehsil - Manpur, Dist. Umariya (MP) by Sarpanch/Sachiv, Gram Panchayat Bhavan, Village - Balhod, Tehsil - Manpur, Dist. Umariya, MP

SEIAA vide letter no. 2839 dated 28/03/2019 has forwarded a letter & case file stating that:

“A compliant received through above referred letter was sent to EAC to examination. The matter has also published in the daily has also published in the daily news paper “Raj Express” regarding the violation of EC conditions. A copy of the compliant and news paper cutting with the technical file is enclosed for ready reference please. In view of above the matter seems doubtful, therefore it is requested to examine the matter and carry out the site inspection at the earliest”.

The case with above details was placed before the committee. Committee observed that two complaints are made in this case one from Shri Afsar Khan, Shahdol vide letter dated 11/01/2018 and another through reporting's in news papers. The issue raised in the complaint made by Shri Afsar Khan are replied by Collector Umariya (forwarded by Sarpanch Balhod vide letter dated 11/04/2019) issued vide letter no. 265 dated 08/02/2019 which is self explanatory. However, for the reporting made in news papers for issues relating to the mining through machines, mining in mid stream etc are related to the compliance of EC conditions and certainly needs site verification as instructed by SEIAA. Committee after careful examination of the file recommends that primarily a verification/compliance report may be

obtained from the Collector/Commissioner/Competent District Authority on the issues raised in the paper cutting/complaint. If the report is not conclusive and further inspection is required, a joint team comprising members from SEAC, District Authority, representative from MoEF&CC, SEIAA, Forest Department & Mining Department may be constituted to verify the compliance of EC conditions as in sand mining project identification of lease can be done by concerned district authority, issues related to forests can be addressed by Forest Department and EC compliance by MoEF&CC as PP has to submit 06 monthly compliance report.

29. Case No. - 5957/2019 Shri Pavan Mishra, Narmada Colony, Saraswati School Ke Pass, Tehsil - Sirali, Dist. Harda, MP – 488446 Prior Environment Clearance for Stone Quarry in an area of 2.645 Ha. (31,752 cum per annum) (Khasra No. 60/4, 60/1/2), Village - Dugaliya, Tehsil - Sirali, Dist. Harda (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 60/4, 60/1/2), Village - Dugaliya, Tehsil - Sirali, Dist. Harda (MP) 2.645 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Officer letter No. 1103 dated: 28/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 354th SEAC meeting dated 28/03/2019. During presentation it was recorded as per Google image based on coordinates provided by PP a water body in existence at approx 230 meters in the south side of the lease & natural nallah in the S-E direction approx 200 meters for which settling tank with garland drains shall be provided by PP. PP further stated that stone crusher is also proposed in the lease area. After presentation the committee asked to submit following details:

- Commitment from PP that blasting shall be carried out by certified blasters and crusher will be installed 100 meters away from the road and 500 meters away from the habitations.
- Revised EMP (settling tank with size and budgetary allocations) & CER (smart class in school) as suggested by the committee.
- Revised plantation species in proposed plantation.

Vide letter dated 28.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 31,752 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.564 Lakh as capital and Rs. 1.40 Lakh/year.
3. Under CER Rs.1.05 Lakh as capital cost /years recurring has proposed.

SEIAA vide letter no 478 dated 09/05/2019 forwarded this case file to SEAC by stating that: this case was discussed in 539th SEIAA meeting dtd 23.4.2019 and it has been recorded that "This case was recommended in 354nd SEAC dtd. 28.03.19 and it was recorded that vide letter dated 28.03.19, PP has submitted the desired information which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'

After detailed discussion and perusal of the recommendations of 354th SEAC meeting dated 28.03.19 and during presentation it was observed as per Google image based on co-ordinates provided by PP a water body in existence at approx 230 meters in the south side of the lease & natural nallah in the S-E direction approx 200 meters. It is decided to reappraise the case by SEAC whether any natural drainage is passing through the mining lease area or not.

The above case was placed before the committee. Committee observed that in the minutes issue related to existence of natural drainage and water body were discussed in the minutes and PP was asked to provide settling tank & garland drains. Committee observed that since PP has submitted the proposal for settling tank with garland drain, the case was recommended for grant of EC. Further as per rule 05 MMR, 1996 the restrict distance from any natural body is 100 meters. As per Google image, no natural drainage is seems to be passing through the lease.

30. Case No. - 5921/2019 Shri Rajesh Patel, S/o Shri Lalla Patel, R/o Alonikhapa Mal, PO - Gangatola, Kewlari, Dist. Seoni, MP Prior Environment Clearance for Stone Mine in an area of 1.90 Ha. (25,953 cum per annum) (Khasra No. 301 & 310), Village- Suktara, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 301 & 310), Village- Suktara, Tehsil - Seoni, Dist. Seoni (MP) 1.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, 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. 668 dated 21/05/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 03.90 ha including this mine.

The case was presented by the PP and their consultant in 352nd SEAC meeting dated 18/03/2019. During presentation it was recorded that as per Google image that a road is passing from the eastern side of the lease which is approx. 10 meters away for that additional 10 mts setback is to be left as non-mining zone. It was also observed that a water body is in existence towards Eastern side of the lease approx. 40 meters away thus garland drains and settling tanks of suitable sizes shall be provided. It was also observed from the Google image that the lease area is already excavated and is having a pit for which PP submitted that the fresh lease was allotted to them in May, 2018 and at that time the pit was in existence and the same has been shown in the surface map. After presentation the committee was asked to PP to submit following information:

1. Blasting details are to be submitted.
2. Revised EMP by incorporating safety sign board and caution boards
3. Revised plantation (@ of 180 trees/year) as suggested by the committee.

Vide letter dtd. 18.03.2019, the PP has submitted desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 25,953 cum per annum.
2. Road is passing from the eastern side of the lease which is approx. 10 meters away thus additional 10 mts setback shall be left as non-mining zone.
3. A water body is in existence towards Eastern side of the lease approx. 40 meters away thus garland drains and settling tanks of suitable sizes shall be provided.
4. The lease area should be clearly distinguished and permanent earmarked at the site.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health survey shall be carryout/
8. PP should explore possibility of using solar lights in office /rest areas.
9. 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.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease.
13. No explosive will be stored at mine site.
14. Kachha road from mine site to the village road shall be made pakka and maintained by PP.
15. No dump shall be stacked outside the lease area.
16. Top soil shall be simultaneously used for the plantation.
17. 180 trees/ year shall be planted by the PP at mine's safety barrier, approach road and at village road.
18. A budgetary provision for Environmental management Plan of Rs. 13.46 Lakh, as capital and Rs. 1.99 lakh/ year as recurring cost.
19. Under CER Rs. 0.20 Lakh/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.

“SEIAA vide letter no 435 dated 30/04/2019 forwarded this case file to SEAC by stating that: That case was discussed in 537th SEIAA meeting dtd 10.04.2019 and it has been recorded that “This case was recommended in 352nd SEAC dtd. 18.03.19 and it was recorded that vide letter dated 18.03.19, PP has submttted the desired information which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable,

hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'

It has been observed that water body is in existence at a distance of about 90 m towards eastern direction of lease area. After detailed discussions and perusal of the case, It is decided to reappraise the case whether any natural water course/drain is passing through the mining lease area or not."

The above case was placed before the committee. Committee observed that in the minutes issue related to existence of water body was discussed in the minutes and PP was asked to provide settling tank & garland drains. It was further observed that a setback of 10 meters was also left as non mining area due to road and thus the distance from the water will become 100 meters. Committee observed that since PP has submitted the proposal for settling tank (06mx04mx02) with garland drain, the case was recommended for grant of EC. Further as per rule 05 MMR, 1996 the restrict distance from any natural body is 100 meters.

31. Case No. – 6095/2019 Shri Siyaram Chourasia, Ganj Saleha, Tehsil - Gunour, Dist. Panna, MP – 488001 Prior Environment Clearance for Flagstone Quarry in an area of 1.230 ha. (3240 cum per annum) (Khasra No. 21/2, 22), Village - Bachhaun, Tehsil - Pawai, Dist. Panna (MP)

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 21/2, 22), Village - Bachhaun, Tehsil - Pawai, Dist. Panna (MP) 1.230 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 1340 dated: 27/05/16 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.23 ha., including this mine..

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Remarks
Trees (03)	Within the lease	PP submittd that these trees will not be uprooted.

PP further stated that being flag stone mining no blasting is proposed in the lease area. After presentation the committee asked to submit following details:

- Commitment from PP that no tree felling is proposed with tree inventory.
- Revised EMP (include proposal for rest shelter).
- Revised CER (include proposal for water filter, sports kit, Library).

Vide letter dated 22.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for flagstone 3,240 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 04.31 Lakh as capital and Rs. 1.05 Lakh/year.
3. Under CER Rs.0.85 Lakh as capital cost /years recurring has proposed.

32. Case No. - 5375/2016 Shri Nilesh Upadhyay S/o Rameshchandra Ji Upadhyay, 10, College road, P.O. and District. Jhabua, MP. SIA/MP/MIN/16181/2016.Prior Environment Clearance for Limestone deposit in an area of 7.50 ha. (85,500 TPA) (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) EIA Presentation.Env. Cons. M/s Geogreen Enviro House Pvt.Ltd.

This is case of Limestone deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) 7.50 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 55th SEAC-II meeting dated 15/10/2016 wherein it was recorded that:

“Being it’s a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR’s:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
4. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
5. Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Office & compliance of earlier E.C condition. (if applicable)
6. Year wise details of minerals already excavated till date should be submitted with EIA report.
7. Detailed plantation Scheme with some species of meditational plants.
8. Photographs of sampling along with its all input output data and its back-up calculation.
9. Monitorings of Air, Water and Noise should be carried out on atleast 08 locations selected on the basis of environmental sensitivity.
10. Environmental policy with organization management plan should be given along with EIA report.
11. Documents pertaining to validity of lease should be enclosed with the EIA report.
12. Details of yearwise production obtained (if any) should be submitted with EIA report”.

PP has submitted EIA report vide letter dated 21/01/2019 which was forwarded through SEIAA vid letter no. 2067 dated 24/01/2019

EIA was presented by the PP and their consultant in the 339th SEAC meeting dated 29/01/2019 during presentation PP has submitted the following salient features of this project:

Project description: The Kosdana Limestone Mine is located at Village: Kosdana, Tehsil: Gandhewani, District: Dhar State: Madhya Pradesh. The Limestone mine lease area is 7.50 Ha and Khasra No.46/1, Lease area is a Private land.

Brief description of project

Project name	Kosdana Limestone mining
Mining Lease Area	7.50 Ha
Location of mine	
Village	Kosdana
Tehsil	Gandhewani
District	Dhar
State	Madhya Pradesh

Khasra No.	46/1		
Coordinates	Pillar	Latitude	Longitude
	1	22 ⁰ 20/ 32.55// N	74 ⁰ 56/05.21// E
	2	22 ⁰ 20/ 33.62// N	74 ⁰ 56/13.06// E
	3	22 ⁰ 20/ 46.29// N	74 ⁰ 56/13.99// E
	4	22 ⁰ 20/ 47.12// N	74 ⁰ 56/13.12// E
	5	22 ⁰ 20/ 49.01// N	74 ⁰ 56/13.49// E
	6	22 ⁰ 20/ 48.63// N	74 ⁰ 56/11.60// E
	7	22 ⁰ 20/ 47.84// N	74 ⁰ 56/11.57// E
	8	22 ⁰ 20/ 47.68// N	74 ⁰ 56/10.74// E
	9	22 ⁰ 20/ 40.41// N	74 ⁰ 56/08.08// E
Minerals of mine	Limestone		
Proposed production of mine	85,500 TPA		
Method of mining	Opencast Semi Mechanized with Drilling & Blasting		
No of working days	300		
Cost of the Project	1.01 Cores		
Water demand	25.0 KLD		
Sources of water	Drinking water (9.5 KLD) will be taken from R.O. 15.5 KLD water will be supplied through private Water tankers for dust suppression and Green belt.		
Man power	29		
River/Nalla/Tanks/Lakes etc	Pond near mine site at a distance of 1 km in east direction		
Nearest railway station	Dhar Railway Station, Ambikapur - about 50km in NNE direction		
Nearest airport	Devi Ahilyabai Holkar Airport, Indore-about 98 km in NE direction		

Critically Polluted Areas(CPA)	The area does not fall in Critically Polluted Area.
Ecological Sensitive Areas (National Park, Wild Life Sanctuary, Biosphere Reserve, Reserve/Protected Forest etc.) within 10 Km radius	No National Park, Wild Life Sanctuaries, Mangroves & Biosphere Reserves/Biodiversity, Heritage Sites fall within 10 km radius of mine site.
Interstate boundary within 5 Km radius	Not Applicable
Seismic zone	Zone – II as per IS: 1893 (Part-I) : 2002
Method of Mining	The proposed method will be Semimechanized; Excavator PC 210 and dumper combination will be used for production of limestone. Occasional light shallow blasting on contract basis proposed but mostly rock breaker will be used in this area. Large size boulders manually sized and sorted to maintain the quality. Limestone sized manually with the help of heavy hammer, so that it will provide local employment. Large size of limestone boulders (150mm to 100 mm) turn in to 50 to 40 mm with the help of local labours.
Lease period	50 years
Proposed Production (Tonne)	85,500 TPA
Bench Height (m)	OB – 3 m. / Ore (Limestone) - 5 m.
Bench Width (m)	10 m
Over all pit slope	45°
Bottom mRL proposed during plan period	267m.RL.
Ultimate pit limit	267 m.RL.
Mineral Reserve (111)	4,62,933 T.
Mineral Resources (221 &222)	9,49,894 T.
Production proposal (2018-19)	85,500 T. ROM
Production proposal (2019-20)	85,500 T. ROM
Production proposal (2020-21)	85,500 T. ROM
Production proposal (2021-22)	85,500 T. ROM
Production proposal (2022-23)	85,500 T. ROM
Depth	17 meters (drilled by boreholes BH 1 & 2, 17 m. total depth proved by drilling, so total thickness of nodular limestone 12m.)
Ultimate pit slope	The ultimate pit slope will be about 45° from the

	horizontal which is quite stable.
Ultimate depth of Mining (m)	17 m from general ground level
Elevation of ML area	Highest Elevation- 264 m RL and Lowest elevation- 231 mRL
Water Table (below ground level)	Pre Monsoon Season – 4.65 m bgl to 21.35 m bgl Post Monsoon Season –3.0 m bgl to 12.80 m bgl <i>Source-CGWB Report</i>

EXISTING ENVIRONMENT SCENARIO:

The EIA study is being done for the Mine Lease (core zone) and area within 10 Km distance from mine lease boundary (buffer zone), both of which together comprise the study area. The data on Land Environment, Air Environment, Water Environment, Soil Environment, Noise Environment, Biological Environment and Socio-economic Environment through field survey and other sources, has been collected by M/s. Geogreen Enviro House Pvt. Ltd., Lucknow, for preparing the EIA/EMP.

Summary of Monitoring Results

Parameters	Number of Locations	Description
Background Ambient Air Quality Monitoring	Monitoring was done at 8 Locations	PM10 –75.88 to 93.83 $\mu\text{g}/\text{m}^3$ PM2.5 -36.65 to 47.93 $\mu\text{g}/\text{m}^3$ SO ₂ –19.71 to 22.63 $\mu\text{g}/\text{m}^3$ NO ₂ –28.66 to 31.21 $\mu\text{g}/\text{m}^3$ Results were found within permissible limits.
Noise Level Monitoring	Monitored at 7 Locations	Noise Level During Day Time – 66.0 to 52.0 Leq dB(A) Noise Level During Night Time – 42.0 to 53.0 Leq dB(A). Results were found within permissible limits.
Water Sampling	Ground water sampling was done at 4 Locations	All the Parameters Like TDS (908 mg/l to 1028 mg/l), pH (7.37 to 7.69), Fluoride (0.4 mg/l to 0.6 mg/l), Sulphate (72.0 mg/l to 88.0 mg/l) etc. are found within the permissible limits.
	2 locations at Surface water	All the Parameters Like TDS (105 mg/l to 119 mg/l), pH (7.10 to 7.65) are found within the

		permissible limits.
Soil Sampling	Sampling was done at 6 Locations	pH – 8.03 to 8.92 Texture – Sandy Loam Organic carbon – 0.21 % to 0.91 %

Flora and Fauna

Flora of Dhar District is quite abundant. In Dhar District, the vast forests include some interesting vegetation. Forest cover in this district of Madhya Pradesh is quite high and it houses some incomprehensible diversity of trees, flowers, and other shrubs. Several species of teak trees are also found here. The study on terrestrial fauna in the study area is based on the field investigation, reports of Forest Department, Revenue department and Zoological Survey of India. Mostly domestic animal like cow, buffalo and goat are reported in the study area.

Socio-Economic Survey

All the basic facilities like road and rail network, medical facilities, post and telegraph, market, drinking water facilities and education facilities are available. The project will also provide impetus to industrialization of the area and mining would be boon for the district as it will not only result in employment opportunity but also infrastructure development and overall growth of the area. At present agriculture is the main occupation of the people as more than half of the population depends on it. With the implementation of the proposed mining project the occupational pattern of the people in the area will change making more people.

ENVIRONMENT MANAGEMENT PLAN

The environment management plan is prepared with a view to facilitate effective environmental management of the project. Apart from having an Environmental Management Plan, environment management cell consisting of mines manager, safety officer and environmental officer is constituted. A budget of Rs. 5.50 Lakhs for EMP, Rs. 100,000 for Occupational Health and Safety and for Shelter & Sanitation Rs. 1, 50,000 are incurred by Project Proponent.

PROJECT BENEFITS

The surrounding inhabitants around the mine lease area are mainly agricultural oriented. Opportunities for jobs activities will be created and mining will serve as a source of permanent livelihood. The mine will create employment directly or indirectly. Additional, certain works like transportation will be outsourced on contract. So, overall effect of mining is expected to be positive.

During presentation in 339th SEAC meeting dated 29/01/2019 it was observed by the committee that the site is located very near to a water body which lies on the eastern side. PP has also submitted the MoEF&CC compliance report wherein 03 conditions are reported as non compliant by inspecting authority. After presentation and discussion, PP was asked to submit following informations:

1. Revised working plan with its HFL and RL marked on lease boundary atleast 60 mts to be left as no mining zone from HFL of the water body.
2. Revised machinery, manpower and traffic management plan as per revised working plan.
3. Photographs of the co-ordinates pillar boundary along with its lat/log are to be submitted by the PP.
4. Peripheral drainage pattern on map should be provided with natural drainage pattern.
5. Revised plantation scheme is to be submitted.
6. Organization chart is to be submitted.
7. Revised water balance chart as suggested by the committee.
8. Details of top soil and OB management plan as suggested by committee.
9. Revised EMP & CSR as discussed during presentation.
10. Undertaking from PP that no tree falling is proposed.
11. Approved mining scheme is to be submitted by the PP.
12. Submission of PP on 03 non complaint earlier EC conditions as reported by the MoEF&CC.

13. An undertaking from the PP that all the environmental attributes, production capacity and all other related things are same in Form-I, PFR, Pubic Hearing and final EIA report.

Letter was issued to the PP vide letter no. 49 dated 15/02/2019 and reminder was also sent to the PP vide letter no. 188 dated 24/04/2019 giving 15 days time otherwise case will be recommended for delisting. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. R. Maheshwari)
Co- Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. 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. 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.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.

12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. 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. 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.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. 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.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.

5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
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 mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. 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. 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.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.

22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. 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.
12. 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.
13. Grant of TOR does not mean grant of EC.
14. 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. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. 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.
16. 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.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.

19. 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. 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.
22. 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.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

25. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
26. Detailed analysis of availability and quality of the drinking water resources available in the block.
27. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
28. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.