

The 473rd meeting of the State Expert Appraisal Committee (SEAC) was held on 07th January, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member.
7. Shri A.A. Mishra, Secretary.

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

1. **Case No. – 7661/2019 M/s Government Opium and Alkaloid Works, Ministry of Finance Department of Revenue, Shri Harinarayan Meena, General Manager, Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch, MP - 458441 Prior Environment Clearance for Expansion in Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP).**

This is case Prior Environment Clearance for Expansion and Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP)

The case was scheduled in 460th meeting dated 24/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In the 463rd SEAC Meeting dated 01/10/2020 the PP and their consultant presented the EIA before the committee the salient features of this project are as:

- Proposed expansion of opium processing and alkaloids manufacturing plant is located at bungalow No. 57, Beside Ashish Bhawan Church, Station Road, Neemuch-458441, District Neemuch, Madhya Pradesh

- Total Capacity of Project after Expansion will be 30.0 Tons/Annum
- As per EIA Notification 2006; proposed expansion project fall under Category 5 (f) “Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) as per EIA Notification, 2006.
- As per EIA Notification 2006; earlier the project categories as Category “A” project hence application for ToR approval was accepted by EAC, MoEFCC dated 23rd April 2018
- Standard ToR for Environmental Impact Assessment for the project was issued from EAC Industry-2 dated 24th May 2018 as per ToR Letter No. No.IA-J-11011/90/2018-IA-II(I). Proposal number is IA/MP/IND2/73419/2018
- Baseline Environmental Studies was conducted from 1st March 2018 to 31st May, 2018 considering one Non Monsoon season
- Considering the recent MoEFCC, SO No. 1223 (E) dated 27th March, 2020; “All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API), received up to the 30th September 2020, shall be appraised, as Category ‘B2’ projects hence Application for project for Environmental Clearance is submitted under B2 Category.

Chronology of Project:

S. No.	Particulars	Date
1	Online Application Submitted to MoEF&CC Online Portal	10th March 2018
2	Query/EDS by EAC regarding inter-state boundary distance certificate	14th March 2018
3	Resubmission of Application along with distance Certificate	18th April 2018
4	The case Accepted by EAC	23rd April 2018
5	Form-I, PFR and supporting documents hard copy submitted to MoEF&CC New Delhi	02nd May 2018
6	Standard ToR Granted	24th May 2018
7	Public Hearing	8th December, 2019
8	Final EC Document Submission	08th August 2020

During scrutiny of document it was observed by committee that there are several discrepancies in the report submitted by PP. Some of them are following:

- During presentation PP informed that public hearing was conducted 08.10.2019 but no details were given in the submitted EIA report.
- Justify- Capacity of existing DG set is 475.5 kVA in the MPPCB consent form where as in the EIA report PP mentioned existing DG set capacity of 435kVA.
- How high COD waste of > 30,000 will be treated. Being API, separation of high COD and low COD stream shall be treated separately to achieve zero liquid discharge.
- Details given in PFR and EIA shall be same wherein in the submitted EIA and PFR there is mismatch in details.
- Reason for high TDS and hardness are not justified in the EIA report.
- In the attached analysis reports the sample collection date is 09/05/2018 while the date of analysis is mentioned as 11/05/2019 please justify.
- The period of monitoring is mentioned as 1st March 2018 to 31st march 2018 why only one month monitoring was carried out, justify.
- Many enclosures attached with the EIA report are not legible and even attached photocopies are not as per their serial numbers.
- Study of fauna is not classified as per the schedule. Please justify if there is any schedule- I species found in the study area. If yes, their wild life management plan made in consultation with Chief Wildlife Warden.
- Details of any risk assessment study carried out.

After presentation PP/consultant was asked to submit revised EIA report incorporating all the above details/ document in legible form for further consideration of the project.

Earlier case was discussed in 463rd SEAC Meeting dated 01/10/2020 and the case was recommended for delisting. PP requested vide letter no. PM/R&D/MPPCB/2017 dated 03/11/2020 for relisting and SEIAA relisted the case and same was forwarded to SEIAA letter no. 5093 dated 07/12/2020.

The case was scheduled in 470th meeting dated 18/12/2020 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.

SEIAA vide letter 5053/SEIAA/2020 dated 07-12-2020 case relisted and send technical file to SEAC along with PP request letter dated 03.11.2020.

The case was presented by PP and their consultant wherein during appraising the query reply presentation PP was asked to submit following clarification for further consideration of the project:-

1. Revised list of proposed products for EC because out of 23 proposed products quantities for only 08 have been mentioned. Thus exact details with quantity shall be provided for which EC is sought.
2. Material balance and mass balance of the products used in the process.
3. PP Undertaking that no additional construction shall be taken up in the existing infrastructure.
4. Proposal for clean fuel based boiler of proposed 2.5 TPH capacities shall be submitted instead of traditional fuel based boiler.
5. The existing 01 boiler is proposed for dismantling thus details of C&D and its disposal plan shall be submitted..
6. Revised water balance chart, why there is no water consumption for existing green belt?
7. Man power requirement after expansion.
8. Revised details of BOD/COD as per compliance condition no.03.
9. Flow diagram of ETP process with numeric value.
10. Undertaking that solvent recovery shall be >95%.
11. Source of empty barrels and spent carbon.
12. Technical details of proposed Ozonator (1.4 kg/hr) at the inlet and PP's commitment for its installation.
13. Please refer EIA page 107 wherein the period of monitoring is mentioned as 1st March to 31st March-please justify.

2. Case No. - 5669/2018 M/s Jigsun Alloys Pvt. Ltd, Plot No. 10, House No. 762, Tilaknagar, Dharampeth, Nagpur, MH-440010. Prior Environment Clearance for Dolomite Mine in an area of 4.830 Ha. (51,101 ton per annum) (Khasra no. 278) at Vill. Lohani, Teh. Sausar, Dist. Chhindwara, (MP).

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 278) at Vill. Lohani, Teh. Sausar, Dist. Chhindwara, (MP). 4.830 Ha. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 312th SEAC meeting dated 17/04/2018 wherein PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no.2365 dated: 15/12/2017 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 42.511 ha. including this mine. being it is a case of cluster, committee recommended to issue standard TOR prescribed by MoEF&CC with additional TORs and conditions. Accordingly TOR was issued to the PP.

PP has submitted EMP vide letter dated 24/11/2018 which was forwarded through SEIAA vide letter no. 1773 dated 06/12/2018.

Earlier this case was scheduled for the EMP presentation and discussion in 338th SEAC meeting dated 02/01/2019, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to 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.

This case was scheduled for the EMP presentation in 340th SEAC meeting dated 30/01/2019 but PP vide letter dated 29/01/2019 has requested to remain absent as due to unavoidable conditions. Committee considering the request of PP's and decided to call in subsequent meeting of the SEAC.

In 344th SEAC meeting dated 20/02/2019 this case was scheduled where PP was present. During discussion and perusal of the documents submitted by the PP, it was observed by the committee that TOR was issued to PP in 312th SEAC meeting dated 17/04/2018, but PP has submitted the EMP not the EIA. Committee after deliberations decided that being it's a case of Dolomite Mine with an area of 4.830 Ha and M.O vide letter no.2365 dated: 15/12/2017 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 42.511 ha., including this mine. 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 5 ha., the EIA be made applicable in the process of grant of prior environmental clearance and thus committee decided to stand by its earlier recommendations which were made in 312th SEAC meeting dated 17/04/2018 and asked PP to put up EIA study report with public hearing as per the EIA Notification, 2006.

PP has submitted EIA vide letter dated 08/01/2020 which was forwarded through SEIAA vide letter no. 4847 dated 05/03/2020.

The case was scheduled for the presentation in 429th SEAC meeting dated 16/03/2020 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.

The case was presented by the PP and their consultant in the SEAC 432nd meeting dated 18.05.2020 during appraisal it was observed by the committee that mine plan has been expired in the year 2018-19. PP vide letter dated 30.07.2020 submitted that they have already submitted the mine plan for approval and same will be submitted within 60 days time. Hence committee decided that PP shall submit revised mine plan duly approved by competent authority within 02 months time and then after this case shall be appraised.

SEIAA vide letter 5117/SEIAA/2020 dated 15-12-2020 case relisted and send technical file to SEAC along with PP request letter dated 30.10.2020 that mine plan has been approved vide letter 12/mp/cell-5/2020 dated 29.10.2020 with validity up to 31.03.2024

The case was presented by the PP and their consultant wherein PP submitted that new Mining plan has been approved which is valid up to year 2024. On the google image In the south west area where 20 trees are existing PP submitted that no tree felling is proposed and shall be dealt as non- mining area. After presentation, committee asked PP to provide response on following information:

- Undertaking that no tree felling is proposed.
- Revised plantation numbers as suggested by committee.
- Details of garland drain and settling tanks.
- Revised EMP with additional plantation@1500/ha.
- Justification/ correct information wrt to From-II & EIA report on issues raised during presentation.

PP vide their letter dated 07.01.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for approval of Dolomite Mine in an area of 4.830 Ha. (51,101 ton per annum) (Khasra no.

278) at Vill. Lohani, Teh. Sausar, Dist. Chhindwara, (MP). subject to the following special conditions:

PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(A) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.

20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 7200 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The settling tank will be 04 in number of size 5m x 3m x 3m .
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. No.	Land Use category	Present (in Ha)	Conceptual Period (in Ha)
1	Excavation	0.22	4.06 (2.91 ha. Area converted into water reservoir & rest is backfilled & used for afforestation/ grazing land)
2	Waste Dump	---	---
3	Top Soil Dump	---	---
4	Road	0.03	---
5	Built Up Area	---	0.01
6	Township Area	---	---
7	Afforestation	---	0.76
8	Reclamation (Backfilled)	---	1.15* (excavated area which is backfilled & used for afforestation/ grazing land)
9	Mineral Storage	---	---
10	Processing (Crushing)	---	---
11	Undisturbed Area	4.58	---
	Total	4.83	4.83

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.

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

29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(B) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 59.15 Lakh is proposed and Rs.13.60 Lakh /year as recurring expenses.
34. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :

S. No.	Activity
1.	Provisions for Amenities like coolers (5 Nos.), fans (5 Nos.), mats (15 Nos.), Stools (2 Nos.) & Benches (3 Nos.) at Govt. Higher Senior Secondary School of village Kelwad & Govt. Primary School of Village Hattisarra each
	Provisions for Water purifier & its maintenance (1 Nos) at CHC center of village Gandhigram & public bus stop of village Temphurdoh & Hattisarra
	Provisions for Construction and maintenance of WBM road from mine site to village Lohani and lohani to sawanga (4.0 km length and 6 mtr. Width).
	Provision of 0.5 KW Solar Panels with other accessories (1 Nos.) & its maintenance in Gram Panchayat of village Sawanga
	Provision of Rain Water Harvesting Structure with closed drains & maintenance at Gram Panchayat of Village Sawanga (1 Nos.)
2.	Provisions for Repairing & Maintenance of boundary wall (80 * 4 feet) & colouring of school building at Govt. Higher Senior Secondary School of village Sawanga & Provisions for Repairing & Maintenance of boundary wall (30 * 4 feet) & colouring of school building Govt. Primary School of Village Temphurdoh & Hattisarra
	Provisions for Health Check-up camps (Eye & General Health Check-up) twice in a year at Gram panchayat of village Sawanga & Kelwad

	Provision of Rain Water Harvesting Structure with closed drains & maintenance at Gram Panchayat of Village Kelwad (1 Nos.)
3.	Provisions for prize distribution (Top 3 position of each class) of class 8 th , 10 th & 12 th & educational books, stationary & uniforms (5 Students of each class) of class 8 th , 10 th & 12 th at Govt. Higher Senior Secondary School of village Sawanga & Kelwad.
	Provisions for Repairing & Maintenance of boundary wall (60 * 4 feet) & colouring of CHC center building of village Sawanga & Kelwad
	Provisions for Imparting vocational training (20 persons ones in a year) at gram panchayat, Sawanga for technical skills, self employment training for women and youngsters of near villagers (10 persons Ones in a year)
	Provisions for skill upliftment of women skills of nearby villages by distributing Sewing Machines (15 womens ones in a year) and contribution of indoor game facilities at anganwari kendra of nearby villages i.e. Temphurdoh & Kharduka & Hattisarra .
	Blankets (30 Nos. Per year) & Seed distributation (20 persons per year) of needy peoples of nearby villagers

35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
37. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
38. PP will comply with all the commitments made vide letter dated 07.01.2021
39. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

3. Case No. – 6282/2019 M/s Narmada Minerals, Shri Shushil Rai, 33, Swastik Sadar Bazar, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (39,049 cum per annum) (Khasra No. 364), Village - Chandbad Kadeem, Tehsil - Berasia, Dist. Bhopal (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 364), Village - Chandbad Kadeem, Tehsil - Berasia, Dist. Bhopal (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. 2588 dated: 29/12/15 has reported that there are 05 more mine operating or proposed within 500 meters around the said mine with total area of 18.279 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 375th SEAC meeting dated 29/06/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 04/11/2020 which was forwarded through SEIAA vide letter no. 4874 dated 17/11/2020, which was placed before the committee.

The case was scheduled for the presentation in the 466th SEAC meeting dated 26-11-20 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. However, PP vide letter dated 25/11/2020 has informed that due to unavoidable circumstances they are not able to attend this meeting and requested to provide next date for presentation. Committee considering the request of PP, decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 469th SEAC meeting dated 17/12/20 & 466th SEAC meeting dated 26-11-20. Committee decided to give last chance to PP for making presentation in the subsequent

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

The case was scheduled for presentation, 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 SEAC meeting 469th SEAC meeting dated 17/12/20 & 466th SEAC meeting dated 26-11-20. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

4. Case No 7997/2020 Shri Sudhir Kumar Jain S/o Shri Sunder Lal Jain, Opp. Nagar Nigam, Dist. Katni, MP - 483501 Prior Environment Clearance for Dolomite Quarry in an area of 8.681 ha. (37584 cum per annum) (Khasra No. 128, 129, 130, 138, 139, 140, 141, 142P, 143, 144, 145), Village - Malhan, Tehsil - Badwara, Dist. Katni (MP)

This is case of Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 128, 129, 130, 138, 139, 140, 141, 142P, 143, 144, 145), Village - Malhan, Tehsil - Badwara, Dist. Katni (MP) 8.681 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. 3119 dated: 29/10/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 10.765 ha., including this mine.

The case was presented by the PP and their consultant wherein PP submitted that forest is just 45 meters away and as per commissioner letter no. 872 dated 11.06.2020, since lease was sanctioned prior to 2002, thus as per SEIAA policy decision (77th SEIAA meeting dated 07.01.2012) NOC from the forest area is not required. Also, a kachcha road is passing from the centre of the lease PP stated that collector has given order for diversion of the road. During presentation PP further submitted that the baseline environmental monitoring for this site has been collected from October 2020. During presentation it was observed by the committee that lease area is covered by trees and conservator of forest vide letter dated 03/07/2013 has informed that there are total 152 palash trees within lease which shall be protected. Being it's a case Dolomite Quarry with total area of 8.681 ha.

including this mine and 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 5 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 and Thus committee after deliberation decided to carryout the site visit to ascertain actual situation and additional TOR may be issued after the site visit.:-

- Protection plan for existing 152 palash trees.
- Protection plan w.r.t. to road within the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

5. Case No 8032/2020 Smt. Shashi Pandey W/o Shri Anjani Kumar Pandey, Village - Manegaon, Tehsil & Dist. Jabalpur, MP – 482005 Prior Environment Clearance for Stone & Murrum Quarry in an area of 3.98 ha. (Stone - 41591 cum per annum, Murrum - 1313 cum per annum) (Khasra No. 17, 24, 27 (Part)), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur, (MP)

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 17, 24, 27 (Part)), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur, (MP) 3.98 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 (Ekal Praman-Patra) letter no. 2041 dated: 08.10.2020 has reported that there are 19 more mines operating or proposed within 500 meters around the said mine with total area of 36.20 ha. including this mine.

The case was presented by the PP and their consultant, during scrutiny of the case file the DFO, letter vide no 4474 dated 09.11.2020 mentioned Reserve Forest parcel area at a distance of approx. 173- 249 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 01.09.2018. Being it's a case Stone Quarry with total area of 36.20 ha. including this mine and 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 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and 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:-

- The lease is already excavated area with water filled in the north side of the lease, give details and justification.
- Protection plan w.r.t. settlement which is <70 meters in the SE and <100 meters in east side. Minimum 200 meters shall be left as non mining area and accordingly revised surface map shall be submitted with EIA report.
- Submit R&R details of the surrounding area, if any.
- Protection plan w.r.t. to pucca road in the eastern side >250 meter.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

6. Case No 7956/2020 M/s Satguru Cements Private Limited, 601/1, Airen Heights, Scheme No. 54, PU - 3, Oppo. C - 21 Mall, AB Road, Indore Prior Environment Clearance for Limestone Deposit in an area of 14.424 ha. (50988 tonne per annum) (Khasra No. 41/1, 42, 55, 56, 56/1, 56/2, 58/2, 83, 84, 86, 86/2, 87, 88, 108, 106, 107), Village - Khedi Balwari, Tehsil - Gandhwani, Dist. Dhar (MP) .

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 41/1, 42, 55, 56, 56/1, 56/2, 58/2, 83, 84, 86, 86/2, 87, 88, 108, 106, 107), Village - Khedi Balwari, Tehsil - Gandhwani, Dist. Dhar (MP) 14.424 ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled in 470th meeting dated 18/12/2020 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.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. During presentation it was observed that the lease is in 04 parts and 02 parts are almost (>75 % are) submerged in the catchment of Man dam. PP submitted that Part B & C is comes under catchment area of Man Dam Reservoir. The area has an undulating topography and the drainage of the area meet in to the Man River. The water table is encountered from 15m to 20m from the surface level, whereas mining is proposed to above surface level i.e. 270m MSL. PP further submitted that Executive Engineer, Narmada Development Division No. 30, Manawa, Distt. Dhar MP, vide no. 638, dated 11.03.2019 given their consent with certain condition which are given below :-

1. The mining only be carried out in the Khasra No. 41/1, 42, 55, 56, 57/1, 57/2, 58/2, 60, 83, 84, 86/1, 86/2, 87, 89, 91,105, 106, 107 total 17 Khasras, other than these khasras no. Mining shall be not be permitted.
2. The mining of soil from submerged area are not allowed.
3. The mining of Limestone only be carried out in during low surface water level.
4. The transportation road for Limestone shall be prepared by M/s Satguru Cements Private.

After presentation committee observed that mining in particularly in 02 independent areas which are submerged in water is very critical and risky due to possibility of water inundation thus complete details with plan shall be provided in th EIA report. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. How the mining will be carriedout in the Khasra No. 41/1, 42, 55, 56, 57/1, 57/2, 58/2, 60, 83, 84, 86/1, 86/2, 87, 89, 91,105, 106, 107 total 17 Khasras which are occupied by water and details shall be provided in EIA report.
2. Proposed protection against water inundation from nearby dam in the mining area shall be discussed in the EIA report.

3. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Issues regarding R&R shall be discussed in the EIA report.
7. Status of land acquisition shall be discussed in the EIA report.
8. Number of trees can be seen in the sanctioned lease area thus their complete inventory (with girth) and management plan shall be provided in EIA report.
9. Aquatic eco-system study shall be carried out and elaborate and discuss in the EIA Report.
10. The proposed project located at scheduled (v) tribal area hence, study and discuss in EIA Report. Related points are mentioned in the standard TOR prescribed as per SEIAA vide letter No. 1241 dated 30/07/2018 and Annex D.

7. Case No 8006/2020 M/s Satguru Cements Private Limited, 601/1, Airen Heights, Scheme No. 54, PU - 3, Oppo. C - 21 Mall, AB Road, Indore, MP Prior Environment Clearance for Limestone Deposit in an area of 4.877 ha. (15728 tonne per annum) (Khasra No. 184, 193, 183), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP)

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 184, 193, 183), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) 4.877 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. Number of trees can be seen in the sanctioned lease area thus their complete inventory (with girth) and management plan shall be provided in EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Issues regarding R&R shall be discussed in the EIA report.

6. Status of land acquisition shall be discussed in the EIA report.
7. Top soil management plan should be addressed in EIA report.
8. The proposed project located at scheduled (v) tribal area hence, study and discuss in EIA Report. Related points are mentioned in the standard TOR prescribed as per SEIAA vide letter No. 1241 dated 30/07/2018 and Annex D.

8. Case No 8007/2020 M/s Satguru Cements Private Limited, 601/1, Airen Heights, Scheme No. 54, PU - 3, Oppo. C - 21 Mall, AB Road, Indore, MP Prior Environment Clearance for Limestone Deposit in an area of 95.0 ha. (336912 tonne per annum) (Khasra No. 126, 127, 128, 129, 130/1, 130/2, 130/4, 130/5, 130/6, 130/7, 130/8, 131, 132/1, 132/2, 132/4/1, 132/4/2, 133, 134, 135, 136, 137, 138, 139, 140/1/1/A, 140/1/2/B, 1140/1/3/A, 140/1/4, 140/2, 141, 142/1), Village - Bekliya, Tehsil - Gandhwani, Dist. Dhar

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 126, 127, 128, 129, 130/1, 130/2, 130/4, 130/5, 130/6, 130/7, 130/8, 131, 132/1, 132/2, 132/4/1, 132/4/2, 133, 134, 135, 136, 137, 138, 139, 140/1/1/A, 140/1/2/B, 1140/1/3/A, 140/1/4, 140/2, 141, 142/1), Village - Bekliya, Tehsil - Gandhwani, Dist. Dhar (M.P) 95.0 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. During presentation it was observed that the lease is in 02 parts and stream is existing within lease moreover a pucca road is also crossing the lease, some tree area existing within lease PP submitted that they will take proper safety distances and set back accordingly. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. Surface run water off management plan w.r.t. to natural drain existing within lease and in between lease.
2. Protection Plan w.r.t. to river in the east side of the lease should be discussed in EIA report.
3. Issues regarding R&R shall be discussed in the EIA report.
4. Status of land acquisition shall be discussed in the EIA report.
5. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
6. Transportation plan & traffic management plan should be discussed in the EIA report.

7. Top soil management plan should be addressed in EIA report.
8. The proposed project located at scheduled (v) tribal area hence, study and discuss in EIA Report. Related points are mentioned in the standard TOR prescribed as per SEIAA vide letter No. 1241 dated 30/07/2018 and Annex D.
9. **Case No 8025/2020 M/s MOIL Limited, Shri Kishore Chandraker, Senior DGM, MOIL Bhavan, 1A, Katol Road, Dist. Nagpur, Mah. – 440013 Prior Environment Clearance for Expansion of Manganere Ore Mine in an area of 69.581 ha. (10,000 to 1,20,000 Tonne per annum) Khasra No. Lugma : 61, 58/1, 58/2, 58/3, 60/1, 60/2, 60,3, 62/02, 62/9, 56/1, 56/2, P.O.5, P.O.64, 65/1 to 65/6, 66P.O., 68, 49/1 to 49/8 P.O.57, 42/1, 42/2, 67/1 to 67/6, 43/1 to 43/4, 45/1 P.O.45/2, P.P.46, 92/1, 92/2, 93, 94, 95, P.O.98/1 to 98/9 Ukwa : P.O.5, 6/2, 7, 9, 10, 12 Tehsil - Paraswada, Dist. Balaghat, (MP)**

This is case of Expansion of LUGMA-UKWA MANGANESE ORE MINING PROJECT". The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Village - Lugma - Ukwa, Tehsil - Paraswada, Dist. Balaghat, (MP) 69.581 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Manganese Ore Mine (Underground Mining) from 10,000 to 1,20,000 Tonne per annum without any change in the technology. PP submitted that Compliance of earlier EC conditions from MoEF&CC should be obtained and submitted with EIA report. Following information regarding proposed expansion is as given below:-

- The lease area of Manganese Ore Mine is situated near village – Lugma & Ukwa, Tehsil – Paraswara and District- Balaghat, Madhya Pradesh for an area of 69.581 hectares. The lease area falls within the Survey of India Toposheet no. 64C/5
- The mining lease was first granted for a period of 20 years having validity from 15.09.1985 to 14.09.2005. The 2nd renewal has been granted Vide letter no. F 3-25/10/12/2 dated: 27/09/2010 of Government of Madhya Pradesh, Department of Mineral Resources Bhopal for a period of 20 years from 15.09.2005 to 14.09.2025. The lease will be extended under Rule 3 (2) of Mineral (Mining by Government Company) Rule 2015, it shall be extended up to 14.09.2055.
- At present, MOIL operates 11 mines, 7 located in the Nagpur and Bhandara districts of Maharashtra and 4 in the Balaghat district of Madhya Pradesh.

Salient Features of the Proposed Method of Mining at Lugma-Ukwa Mine	
Method of Mining	Semi Mechanized Underground Mining

Mineral to be Mined Out	Manganese Ore
Drilling	Drilling the rock with deep hole drilling of 33 mm diameter and 1.5m length
Blasting	Blasting the rock by slurry explosives
Drilling pattern in ore	20 to 24 holes of 1 m length
Drilling pattern in rock	26 to 34 holes of 1.2 m length
Drilling pattern in Stopes	Length of hole 1.2 m, spacing 0.6 m and burden 0.50 m
Maximum number of holes blasted in a round	Max 34
Charge per round (kg)	10.2 kg/round
Charge per hole (kg)	0.3kg/hole
Type of explosive	Slurry of 60% 7 80% strength
Powder factor (Norms)	
Rock development-	10 m ³ /kg
Ore development-	8.5 T/kg
Stope-	10-12 T/kg
Powder factor (Actual)	
Rock development-	8 m ³ /kg
Ore development-	7.98 T (ROM)/Kg
Stope-	9.5 T (ROM)/kg

It's being a case of Manganese Ore Mine and falls under B-1 category committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TORs as annexed as annexure "D" :-

1. Compliance of earlier EC conditions from MoEF&CC should be obtained and submitted with EIA report.

2. Hydro - geological study should be carried out if ground water intersection is proposed.
3. Subsidence study report shall be discussed in detail in the EIA report.
4. Impacts of ground water depletion on the entire study area shall be monitored.
5. Discuss ventilation and lamination details in the EIA report.
6. Vehicular pollution load shall be carried out with inference shall be discussed in the EIA.
7. Onsite photographs during monitoring time and survey with proper reference as date and geographical locations along with latitude and longitude.
8. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
9. Transportation plan & traffic management plan should be discussed in the EIA report.
10. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
11. Being operative mine, videography of mine and surrounding area should be carried out with aerial view by drone camera and submitted with EIA report.
12. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
13. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
14. Issues regarding R&R shall be discussed in the EIA report.
15. Status of land acquisition shall be discussed in the EIA report.

10. Case No 7995/2020 M/s Banafar Granite Industries, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471510 Prior Environment Clearance for Stone Quarry in an area of 3.688 ha. (130758 cum per annum) (Khasra No. 1680, 1683/1, 1700, 1682, 1701, 1684/2), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1680, 1683/1, 1700, 1682, 1701, 1684/2), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.688 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. 3163 dated: 06/11/2020 has reported

that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 16.403 ha., including this mine.

The case was presented by the PP and their consultant, PP submitted that they have started collected baseline data of the study area from Dec.2020. Being it's a case Stone Quarry with total area of 16.403 ha., including this mine and 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 5 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:-

- Old lease, crusher installed within lease area copy of compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board, along with EIA report.
- Inventory of the trees existing within lease area.
- Land agreement documents with EIA.
- In the EIA, Blast induced ground vibration study to be conducted. proposed blasting parameters with peak particles velocity, spacing between two holes, depth of charging, explosive used for per hole, powder factor , quantity of explosive per blasting etc.. Give such details in an integrated protection measures to avoid fly rocks projectile due to blasting in the nearby habitation.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Cumulative traffic load study.

11. Case No 7996/2020 M/s Banafar Granite Industries, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 471510 Prior Environment Clearance for

Stone Quarry in an area of 2.439 ha. (20037 cum per annum) (Khasra No. 1347/2/1, 1357/1, 1345, 1349/1), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.439 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. 3162 dated: 06/11/2020 has reported that there are 12 more mines operating or proposed within 500 meters around the said mine with total area of 33.756 ha., including this mine.

The case was presented by the PP and their consultant during presentation it was observed that in the north side lease is stretched in thin narrow strip, PP submitted that this strip shall be as no- mining area and here plantation shall be carried out. PP further submitted that they have started collected baseline data of the study area from Dec.2020. Being it's a case Stone Quarry with total area of 33.756 ha., including this mine and 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 5 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:-

- Lease is stretched in thin strip in the north side direction where mining is not proposed hence, in this area as PP commitment proposal for no mining area and plantation.
- In the EIA, Blast induced ground vibration study to be conducted. proposed blasting parameters with peak particles velocity, spacing between two holes, depth of charging, explosive used for per hole, powder factor , quantity of explosive per blasting etc.. Give such details in an integrated protection measures to avoid fly rocks projectile due to blasting in the nearby habitation.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or

Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Cumulative traffic load study.

12. Case No 7986/2020 Smt. Saroj Singh, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.625 ha. (Expansion 21227 to 150000 cum per annum) (Khasra No. 499 Part), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 499 Part), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.625 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. 3229 dated: 12/11/2020 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 27.278 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

13. Case No 7964/2020 Shri Ashok Singh Yadav, 108, Bankers Colony, Thatipur, Dist. Gwalior Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (150000 cum per annum) (Khasra No. 56/2, New - 132, 133), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 56/2, New - 132, 133), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP) 4.0 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. QL-74 dated: 13/7/2015 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine with total area of 30.061 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion for Stone Quarry from 65,000 TPA to 1,50,000 . PP further submitted that they have started collected baseline data of the study area from Oct. Nov. & Dec.2020. Being it's a case Stone Quarry with total area of 30.061 ha., including this mine and 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 5 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. Year wise details of minerals already excavated till date should be submitted with EIA report.
2. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
3. Level of mechanization should be discussed in the EIA report.
4. Hydro geological study should be carried out if ground water intersection is proposed.
5. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
6. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired (Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
7. 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.

8. 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.
9. Air pollution control measures adopted by each mine and crusher in the cluster.
10. 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.
11. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
12. Photography and Videography should also be done during collection of baseline data.
13. 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.
14. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
15. 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.
16. A drainage plan for entire cluster and surface run off management plan.
17. 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.
18. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
19. Public consultation be conducted as per EIA Notification, 2006.
20. 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.
21. Provide details of court cases/ litigations pending, if any.

14. Case No 7993/2020 Shree Khemraj S/o Shri Devisingh Gurjar, Village - Akyaparwal, Tehsil - Jaora, Dist. Ratlam, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (51300 cum per annum) (Khasra No. 342/1, 342/2), Village - Akyaparwal, Tehsil - Jaora, Dist. Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 342/1, 342/2), Village - Akyaparwal, Tehsil - Jaora, Dist. Ratlam (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. 707 dated: 24/9/2020 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, it was observed that the lease area is already excavated. PP submitted that it is very old pit and they have got the lease in such condition and the pit has shown on surface map and these lease is excavated upto 03 meter. PP further submitted that pit is in existence since 2010 which can be verified from the previous google images and in mine plan the size of existing pit is mentioned as 16,000 sq. meter x 04 meters. (64, 000 cum mineral excavated). A settlement at the SE side of the lease >400 meter for which three rows plantation will be carriedout at this site.

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 of Stone as per mine plan with quantity not exceeding 51,300 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.78 Lakh as capital and Rs 5.57 Lakh/year as recurring are proposed by PP.

15. Case No 8031/2020 M/s Kamtanath Minerals, Partner, Ms. Shivani Bhardwaj, R/o, 366, Jiwaji Nagar, Thatipur, Dist. Gwalior, MP - 474005 Prior Environment Clearance for Granite Quarry in an area of 6.90 ha. (1500 cum per annum) (Khasra No. 37/1/Min-1), Village - Bedaura Jungle, Tehsil - Lidhora, Dist. Tikamgarh, (MP)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 37/1/Min-1), Village - Bedaura Jungle, Tehsil - Lidhora, Dist. Tikamgarh, (MP) 6.90 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. 784 dated: 24.11.2020 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 PP submitted that they have started collected baseline data of the study area from Dec. 2020. Being it's a case Stone Quarry with total area of 6.90 ha. including this mine and 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 5 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:-

- A kachcha road is crossing the lease PP shall propose right to access to the villagers.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- A stop dam in the south eastern side (>250 meter) of the lease PP will discuss protection plan w.r.t. dam and natural drain.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or

Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

16. Case No 7978/2020 M/s Good Luck Stone, Ward No. 10, Dixit Mohalla, Chandla, Dist. Chhatarpur, MP - 471525 Prior Environment Clearance for Granite Quarry in an area of 1.70 ha. (1830 cum per annum) (Khasra No. 854/1), Village - Bansiya, Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 854/1), Village - Bansiya, Tehsil - Chandla, Dist. Chhatarpur (MP) 1.70 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. 4949 dated: 09/10/2020 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 wherein it was observed by the committee that it's a case of Granite Quarry on hillock where 44 meter of elevation difference from the surface. PP submitted that mining of Granite shall be carried out by wire- saw cutting mining method in block form and no blasting is proposed. A settlement in the NE side of the lease at a distance of >400 meters. After presentation the committee asked to submit following details:

- Quantity of slurry generation during wire saw cutting of Granite and its management plan.
- Water requirement for mining operation.

PP has submitted the response of above quarries same date vide letter dated 07.01.2021, 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 of Stone as per mine plan with quantity not exceeding 1830 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.87 Lakh as capital and Rs 03.97 Lakh/year as recurring cost are proposed by PP.

17. Case No 7989/2020 M/s Shri Ramraj Stone Crusher, Partner, Smt. Pratibha Agrawal, 19, Basari Darwaza, Near Kamla Nehru School, Dist. Chhatarpur, MP - 471408 Prior Environment Clearance for Stone Quarry in an area of 3.796 ha. (75000 cum per annum) (Khasra No. 2843/8, 2843/9/1, 2843/9/2, 2990/7, 2990/9), Village - Satai, Tehsil - Bijawar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2843/8, 2843/9/1, 2843/9/2, 2990/7, 2990/9), Village - Satai, Tehsil - Bijawar, Dist. Chhatarpur (MP) 3.796 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. 2379 dated: 21/5/2020 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 wherein it was observed by the committee that a kachcha road in east side of the lease at a distance of 10 meters. 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 of Stone as per mine plan with quantity not exceeding 75000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 25.89 Lakh as capital and Rs 05.22 Lakh/year as recurring cost are proposed by PP.

18. Case No 8008/2020 Shri Raghvendra Singh Yadav S/o Shri Lakhan Singh Yadav, R/o, H.No. 122/260, Shiv Nagar Colony, Bhanpur Semra Saiyyad, Dist. Bhopal, MP - 462044 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (8000 cum per annum) (Khasra No. 239/222), Village - Shahpur, Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 239/222), Village - Shahpur, Tehsil - Huzur, Dist. Bhopal (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. 5390 dated: 16/12/2020 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 18.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum thus no blasting is proposed Further 02 trees are in existence for which PP submitted that these trees will not be uprooted. As per MO letter dated 16/12/20 there are 06 more mines. Consultant submitted that these mines are of stone and thus not homogeneous in nature with Murrum and shall hence this case not be considered B1. After presentation the committee asked to submit following details:

- Commitment of PP that no tree uprooting will be carried out.

PP has submitted the response of above quarries same date vide letter dated 07.01.2021, 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 of Murrum as per mine plan with quantity not exceeding 8,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.752 Lakh as capital and Rs 03.84 Lakh/year as recurring are proposed by PP.

19. Case No 8028/2020 Shri Amit Chandak S/o Shri Shyam Sunder Chandak, R/o, Devmali, Tehsil - Achalpur, Dist. Amrawati, Mah. - 444805 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (10000 cum per annum) (Khasra No. 346, 347), Village - Enkhedi, Tehsil - Athner, Dist. Betul, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 346, 347), Village - Enkhedi, Tehsil - Athner, Dist. Betul, (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. 1699 dated: 11.11.2020 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 wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed that a Natural drain is in existence in the west side of the lease at a distance of >500 meter. 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 of Stone as per mine plan with quantity not exceeding 10,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.75 Lakh as capital and Rs 04.09 Lakh/year as recurring cost are proposed by PP.

20. Case No 8016/2020 M/s Shakambhari Stone Crusher, Prop., SHri Vijay Kumar Mittal, R/o, Ward No. 09, Bajrang Chowk, Pendra Dist. Bilaspur, MP Prior Environment Clearance for Stone Quarry in an area of 1.011 ha. (12004 cum per annum) (Khasra No. 923), Village - Dauniya, Tehsil - Pushprajgarh, Dist. Anuppur, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 923), Village - Dauniya, Tehsil - Pushprajgarh, Dist. Anuppur, (MP) 1.011 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. 1505 dated: 03/10/2020 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 wherein it was observed by the committee that it's a case of Stone mining and as per lease sanction letter dated 28.09.2020 PP shall obtain permission from competent Authority of Achanakmar Bio-sphere reserve. Moreover on the Google image some houses are in existence on the North & NE side of the lease in the vicinity at a distance of 14 meter & 142 meter for which PP/Env. Consultant submitted that ownership of these houses belongs to him. After presentation the committee asked to submit following details:

- PP shall submit justification for Achanakmar Bio-sphere reserve and permission from competent authority.

21. Case No 8021/2020 M/s R.J.Traders, Prop. Shri Nabi Baksh, S/o SHri Raheem Baksh, R/o, Naya Bazar No. 02, Dist. Damoh, MP Prior Environment Clearance for Granite Quarry in an area of 6.50 ha. (2400 cum per annum) (Khasra No. 36), Village - Jamuniya, Tehsil - Shahgarh, Dist. Sagar, (MP)

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 36), Village - Jamuniya, Tehsil - Shahgarh, Dist. Sagar, (MP) 6.50 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. 156 dated: 26/02/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 12.50 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case Granite Stone Quarry with total area of 6.50 ha., including this mine and 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 5 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:-

- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- Protection plan w.r.t. to canal at >300 meter distance.
- Quantity of slurry generation during wire saw cutting of granite and its characterization & utilization plan.
- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Protection plan w.r.t. a canal which is >300 meters in the East direction of the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

22. Case No 8022/2020 Smt. Seema Chaurasia W/o Shri Arvind Chaurasia, R/o, Near Punjab National Bank, Jawahar Road, Dist. Chhatarpur, MP Prior Environment Clearance for Metal Stone Quarry in an area of 3.430 ha. (250374 cum per annum) (Khasra No. 333), Village - Gourari, Tehsil - Maharajpur, Dist. Chhatarpur, (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 333), Village - Gourari, Tehsil - Maharajpur, Dist. Chhatarpur, (MP) 3.430 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. 3618 dated: 07/12/2020 has reported

that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.230 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Metal Stone Quarry from 11,500 cum per annum to 250374 cum per annum. During presentation and appraisal of the case through Google image based on coordinates provided by PP, following sensitive features were observed within the lease area:

- Large numbers of trees exist on the hill & foot hill these are appears to be full grown big trees.
- The lease area is falling on the hillock which is having height of approximately surface level 30 m).
- Crusher installed within lease.

Being it's a case Metal Stone Quarry with total area of 8.230 ha., and 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 5 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 and site visit may also be carryout by a sub-committee (if required):-

- The complete inventory of trees with girth details and drone video graphy shall be submitted with EIA report.
- The comprehensive management plan wrt existing trees shall be submitted with EIA report.
- Compliance of earlier EC conditions from competent authority.
- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

23. Case No 8023/2020 Shri Bhupendra Singh Mandloi, Machalpur, Tehsil - Jirapur, Dist. Rajgarh, MP - 465661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (7220 cum per annum) (Khasra No. 1626/1/2/2), Village - Machalpur, Tehsil - Jirapur, Dist. Rajgarh, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1626/1/2/2), Village - Machalpur, Tehsil - Jirapur, Dist. Rajgarh, (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. 1842 dated: 01/12/2020 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 wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed that a pucca road is in existence on the southern side of the lease at a distance of 30 meters thus 20 meters setback shall be left as non mining area and a natural drain in the east side at a distance of 170 meter. After presentation the committee asked to submit following details:

- NPK analysis in soil sample from authorized government agency.
- Revised surface map showing 20 meters setback from pucca road.

24. Case No 8024/2020 Shri Brajendra Singh Lodha, Piprai, Dist. Ashoknagar, MP - 473338 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (11400 cum per annum) (Khasra No. 7/6), Village - Gopipur, Tehsil - Mungaoli, Dist. Asoknagar, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 7/6), Village - Gopipur, Tehsil - Mungaoli, Dist. Asoknagar, (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. 339 dated 12/11/2020

has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

The case was presented by the PP and their consultant during scrutiny of the case file it was observed that by the committee that in the P-II form under ownership column (□□□□□□) , mentioned that the land is mortgage in the bank. The committee after deliberation decided that this case cannot be appraised till land on which lease allotted comes under PP's possession. PP shall submit revised P-II form wherein clearly mention that the land ownership in the possession of PP.

25. Case No 8026/2020 M/s Stuti Stone Crushing Company, Prop. SHri Shushil Kumar Jain, S/o Shri B.K.Jain, J-82, Kalka Ji, South Delhi - 110019 Prior Environment Clearance for Stone Quarry in an area of 1.435 ha. (50000 cum per annum) (Khasra No. 3577, 3579/7), Village - Bilaua, Tehsil - Dabra, 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. 3577, 3579/7), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior, (MP) 1.435 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. QL50 dated: 01/12/2020 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 wherein it was observed by the committee that it's a case of Stone mining. It was also observed that this was old excavated mine for which PP submitted that earlier EC was given by DEIAA in year 2017. After presentation the committee asked to submit following details:

- Certified MoEF&CC EC compliance report of earlier EC conditions.
- No tree felling commitment.
- Revised plantation species as suggested by committee.

26. Case No 8027/2020 Shri Dhara Singh Rawat, Village - Khanpura, Punchhri, Post - Mangroul, Tehsil - Sabalgarh, Dist. Morena, MP - 477001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (15000 cum per annum) (Khasra No. 633), Village - Tindouli, Tehsil - Sabalgarh, Dist. Morena, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 633), Village - Tindouli, Tehsil - Sabalgarh, Dist. Morena, (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. 766 dated: 24/11/20 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a habitation is in existence at a distance of >160 meters in the NE side. PP stated that 50 meter setback is proposed as no mining area and three rows plantation is also proposed restricted controlled muffle blasting shall be conducted. After presentation the committee asked to submit following details:

- Protection plan w.r.t. to habitation is in existence at a distance of >160 meters in the NE side along with setback of 50 meter as no- mining area.

27. Case No. – 7682/2020 Shri Omprakash Yadav, Village - Moya, Tehsil - Biora, Dist. Rajgarh, MP – 465666 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5088 cum per annum) (Khasra No. 173/1/2/1/2, 173/1/2/2, 174/10, 174/11/2), Village - Moya, Tehsil - Biora, Dist. Rajgarh, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 173/1/2/1/2, 173/1/2/2, 174/10, 174/11/2), Village - Moya, Tehsil - Biora, Dist. Rajgarh, (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. 247 dated: 19/02/2020 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 the 461st SEAC meeting dated 29-09-20, wherein during presentation it was observed by the committee that the as per Google image based on coordinates provided by PP the entire lease area is surrounded by agriculture land. After presentation the committee asked to submit following details:

- Revised EMP as suggested by committee.
- Revised CER as suggested by the committee.
- Lithology of the lease area.

Earlier, due to not submitting of desired information in the stipulated time even after given reminder letter, this case was recommended for delisting in the 464th SEAC meeting dated 03-10-20. Accordingly case delisted in 643rd SEIAA meeting dated 06-10-20. Case relisted and send technical file to SEAC.

PP has submitted the response of above quarries same date vide letter dated 07.012021, 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 of Stone as per mine plan with quantity not exceeding 5088 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.50 Lakh as capital and Rs 2.120 Lakh/year as recurring are proposed by PP.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
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/Murram 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 CER 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.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.

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. Only registered vehicles/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.
5. 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.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 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.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. 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.

17. 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.
18. 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.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER 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.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. 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.
24. 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.
25. 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.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
28. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.

- ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
- iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
- iv. The sand quarrying shall not be carried out below the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
- v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
- vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
- vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
- viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
- ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.

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 CER 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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.

- b. Mining Lease area of the project (in ha.)
- c. Production capacity of the project.

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. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
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 CER 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 CER 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.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.