

The 403rd meeting of the State Expert Appraisal Committee (SEAC) was held on 6th November, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Shri R. S. Kori, Secretary.

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

1. Case No. – 6579/2019 Shri Alok Kumar Khare, Project Manager, M.P. Water Resources Department, O/o Chief Engineer, Dhasan Ken Basin, Opp. Forest Office Gate, Tili Road, Dist. Sagar, MP. Prior Environment Clearance for Hanota Irrigation Project at Village - Hinota, Tehsil - Khurai, Dist. Sagar (MP) (EIA)CCA-40,000 ha & GCA 51,371 ha. Eia Consultant: M/s R.S. Envirolink, Delhi

This is case of Hanota Irrigation Project at Village - Agasod, Tehsil - Bina, Dist. Sagar (MP). Total Live Storage Capacity- 146.84 MCM, Cultivable Command Area – 40,000 ha., Gross Catchment Area – 51371 ha., Dead storage- 3.38 MCM. The application was forwarded by SEIAA to SEAC for appraisal. The project requires prior EC before commencement of any activity at site under category 1(c).

PP has submitted the EIA report vide letter no. 1118, dated 14/10/2019 which was forwarded through SEIAA vide letter no. 2733 dated 22/10/2019.

The EIA was presented by the PP and their consultant in 403th SEAC meeting dated 06/11/2019. PP has submitted the following salient features of this project:

- As per EIA Notification of September 2006 and subsequent amendments, Irrigation Projects, listed at item 1(c) of Schedule, having culturable command area (CCA) greater than or equal to 10,000 ha and less than 50,000 ha are considered as category B1 project; and are therefore be appraised at State level.
- TOR was issued by MoEF&CC vide their letter No. J-12011/19/20418-IA-I (R) dated 10/08/2018, prior to amendment of 14/08/2018 in EIA Notification of September 2006. Earlier CCA of $\geq 10,000$ ha was Category A.

- With Aug 2018 amendment, the project has become Category 'B1', therefore, final appraisal application is submitted to SEAC/SEIAA.
- Study was conducted during May 2018, July 2018 and November 2018; Public Hearing was conducted in Sagar and Vidisha districts on 5th March 2019.
- The project area lies in Sagar and Vidisha District.
- The proposed dam site is on Bina river near Hanota village of Khurai tehsil of Sagar district in Madhya Pradesh.
- Command area of 40000 CCA is spread in Sagar and Vidisha districts.
- The proposed project shall be developed on Bina river, a tributary of Betwa river. Betwa river is a tributary of Yamuna river.
- The proposed dam site is near Hanota village of Khurai tehsil in Sagar district.
- The proposed project consists of four main components such as Head works (Earthen Dam with Central Spillway and Appurtenant works), Pump House, Distribution Chamber and the Pressurized Canal Works.
- Culturable Command Area (CCA) of the project is 40,000 ha. Total 182 villages of Sagar and Vidisha district will be benefitted:
 - 21 villages of Khurai tehsil, Sagar district
 - 97 villages of Bina tehsil, Sagar district
 - 4 villages of Kurwai tehsil, Vidisha district
 - 60 villages of Pathari tehsil, Vidisha district
- The land required for construction of dam including submergence area is 3560.02 ha of land.
- Out of 3560.02 ha, 2810.52 ha is private land and 749.50 ha is Govt. land.
- No forest land will be diverted for the project.
- Total 34 villages are coming under submergence; out of which 2 will be fully submerged. Dalpatpur Raiyatwari village of Khurai tehsil in Sagar district and Pirotha village of Pathari tehsil in Vidisha district are getting fully submerged.
- 11 villages of Khurai tehsil, Sagar district
- 5 villages of Rahatgarh tehsil, Sagar district
- 16 villages of Pathari tehsil, Vidisha district
- 2 villages of Tyonda tehsil, Vidisha district
- A total of 2247 PAFs have been identified.

During presentation, it was submitted by PP that section 11 is completed and section 19 is under process since R&R is involved. PP further submitted that no forest land is involved in this project and land has been identified for R&R. After detail discussion, committee has asked the PP to submit the following information:

1. Details of muck generation during excavation in dam canal.
2. Revised plan for muck disposal & management.
3. Cross section of the proposed dam with schematic representation of proposed dam.
4. undertaking for much utilization/disposal as per the submitted plan
5. R & R plan map is to be submitted.
6. Details about seismic zone and its status for this project.

PP vide letter dated 6/11/2019 has submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Hanota Irrigation Project at Village - Agasod, Tehsil - Bina, Dist. Sagar (MP). Total Live Storage Capacity- 146.84 MCM, Cultivable Command Area – 40,000 ha., Gross Catchment Area – 51371 ha., Dead storage- 3.38 MCM.. Cat. 1(c) River Valley and Hydroelectric Projects with following conditions:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
2. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
3. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
4. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
5. For dust mitigation measures following measures shall be adopted:
 - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
 - No excavation of soil shall be carried out without adequate dust mitigation measures in place.

- No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
 - Wind-breaker of appropriate height minimum 03 meters shall be provided.
 - Water sprinkling system shall be put in place.
 - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
 - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
 - No uncovered vehicles carrying construction material and waste shall be permitted.
 - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
6. PP will obtain other necessary clearances/NOC from respective authorities.
7. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC GoI, Bhopal.
8. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

9. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
10. Fire extinguishers should be provided on site during construction/ plant erection period.
11. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
12. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
13. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
14. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits as per guidelines/standards issued by CPCB.

15. Waste construction material should be recycled as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
16. Plantation in patches in suitable land 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
17. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
18. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
19. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
20. It is proposed by PP that plantation in 10 hectare in several patches in non forest waste land will be done subject to availability of suitable land.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

21. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
22. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
23. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
24. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
25. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
26. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
27. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
28. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).

29. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.
30. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
31. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
32. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

33. A budgetary provision of Rs. 19605.64 Lakh is made for Environmental Management Plan out of which Rs 45.00 lakh is made for Green Belt Development Plan in EMP.
34. Biodiversity Conservation Plan shall be implemented after the approval of competent authority, Rs. 450.00 Lakh is made for Biodiversity Conservation Plan in EMP
35. No muck disposal shall be done outside of the project site, Rs. 150.0 Lakh is made for Muck Management Plan in EMP. Rs 250.47 Lakh is made for Catchment Area Treatment Plan in EMP. Rs 75.00 Lakh is made for Fisheries Management Plan in EMP.
36. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored 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.
37. 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.
38. All commitments pertaining to public hearing shall be mandatory on part of PP.
39. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored 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.
40. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
41. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.

42. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
43. Land use details of this project.

Land use/ land cover	Area (ha)	Area (%)
Deciduous Forest	8295.71	6.74
Scrub Forest¹	1748.68	1.42
Scrub Land²	6158.52	5.00
Agriculture	100764.77	81.81
Built up area	4433.85	3.60
Waterbody	1763.92	1.43
Total	123165.45	100.00

44. 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.

2. Case No. – 6545/2019 Smt. Sangeeta Gupta W/o Shri Pannalal Gupta, Vivek Nagar, Dist. Kabrai, UP – 210424. Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (26,930 cum per annum) (Khasra No. 1348(P)), 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 at ((Khasra No. 1348(P)), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's Office letter No.2029 dated: 22/04/2019 has reported that there are 09 more mine operating or proposed within 500 meters around the said mine total area of 23.40 ha., including this mine.

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

- The mine area is already excavated and two large pits can be distinctly seen in the Google image (Feb. 2019) and in the same image movement of trucks in the lease area is also seen.
- Committee also observed that within 500 meters there are 03 human settlements on the east side of the lease area.
- Also to carry out mining of stone on a hillock where gradient is high involves safety and mechanical risks.

PP and their consultant has no explanation how the mining was carried out without having EC and what are the sensitive features around the lease. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

3. Case No. – 6547/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (2,00,000 cum per annum) (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (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's Office letter No.1943 dated: 08/04/2019 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine total area of 9.122 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 27 meters (Highest elevation 173 m R.L & Lowest elevation = 146 m R.L)
- Also to carry out mining of stone is in such a peculiar situation where gradient is to high involve lots of risks.

- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight careless may threat to life of labors.
- Green area is also observed on this lease area.

PP and their consultant has no explanation how the mining will carried out in such situation where the height of hill is approx. 27 meters and what are the sensitive features around the lease. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

4. Case No. – 6546/2019 Ms. Sangeeta Gupta, R/o Village - Kabrai, Dist. Mahoba, UP – 210424. Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (81,56 cum per annum) (Khasra No. 151(P)), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151(P)), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.80 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's Office letter No.2028 dated: 22/04/2019 has reported that there are 04 more mine operating or proposed within 500 meters around the said mine total area of 9.616 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 56 meters.
- Also to carry out mining of stone is in such a peculiar situation where gradiet is to high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight careless may threat to life of labors.
- Green area is also observed on this lease area.

PP and their consultant has no explanation how the mining will carried out in such situation where the height of hill is approx. 56 meters and what are the sensitive features around the lease.

Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

5. Case No. – 6548/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (2,00,000 cum per annum) (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (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's Office letter No.941 dated: 08/04/2019 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine total area of 9.122 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 27 meters (Highest elevation 173 m R.L & Lowest elevation = 146 m R.L)
- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- Green area is also observed on this lease area.

PP and their consultant has no explanation how the mining was carried out in such situation where the height of hill is approx. 27 meters and what are the sensitive features around the lease. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

6. Case No. – 6536/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Mine in an area of 5.30 ha. (2,50,000 cum per annum) (Khasra No. 689), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 689), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's Office letter No.1946 dated: 08/04/2019 has reported that there are 07 more mine operating or proposed within 500 meters around the said mine total area of 24.00 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 45 meters (Highest elevation 200 m R.L & Lowest elevation = 155 m R.L)
- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- Green area is also observed on this lease.
- Human settlement on the North and East side.
- A water body on the southern side.

PP and their consultant has no explanation how the mining was carried out in such situation where the height of hill is approx. 45 meters and what are the sensitive features around the lease. Thus committee after deliberations decided to carry out site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

7. Case No. – 6256/2019 Shri Dharmendra Sharma, R/o Infront of Narcotics Office, Mal Road, Murar, Dist. Gwalior, MP. Prior Environment Clearance for Stone Quarry in an area of 1.150 ha. (50,000 cum per annum) (Khasra No. 3892/1, 3739), Village - Biloua, 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. 3892/1, 3739), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 1.150 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. Q-L-52 dated: 03/10/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.25 ha., including this mine.

Earlier this case was presented by PP and their consultant in 370th SEAC meeting dated 20/05/2019. During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that the lease is falling in the billaua cluster and when 500 meters radius was drawn around this leases on the Google map based on the co-ordinate provided by the PP it was observed that approximately 08 to 10 mines are falling within the area. However, competent authority has reported only one mine (1.10 ha) within 500 meters. PP submitted that these are old mines are now are not in operation. Committee deliberated on the issue and observed that Billaua is a sensitive area for mining thus instructed that PP shall obtain a revised certificate with map from the mining officer/ competent authority showing all the leases with Khasra numbers within 500 meters of this mine with their bifurcation in operative or non operative. After presentation the committee asked to submit following details:

1. PP will submit revised certificate from District Mining Officer/ competent authority in which clearly mentioned that operative and non- operative mines within 500 meters of the lease area.
2. Tharav Prastav from Gram Sabha.
3. Form –II.
4. Revised plantation for proposal for 900 plants/year.
5. Working space available at the pit bottom at the conceptual period considering proposed man power and machine to be deployed.
6. Revised EMP (include Vocational Training to the labours, PUC, with budget) as suggested during presentation.

PP vide letter dated 30/09/2019 has submitted the reply of above raised queries, which was placed before the committee.

The committee observed that in the revised letter of Collector office (Mining Cell) vide no. Q.L.-52/16/Khanij/2019 dated 18.09.2019 in which mentioned that 10 mining are in within 500 meters are existed out of which 09 are in operation and 01 mine is closed, and the total area of all mines are 17.578 ha. , excluding this mine. Hence, required to carry out EIA studies, 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 honourable 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.
6. 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.
7. Air pollution control measures adopted by each mine and crusher in the cluster.
8. 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.

9. Ambient Air Quality Monitoring on following locations be conducted for one season:-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at main evacuation road and Billaua village road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
 - (e) One monitoring station close to water body i.e. Udalpara Tal.
5. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
6. Photography and Videography should also be done during collection of baseline data.
7. Noise Monitoring on following locations be conducted for one season :-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
8. 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.
9. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
10. 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.
11. A drainage plan for entire cluster and surface run off management plan.
12. 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.
13. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
14. Public consultation be conducted as per EIA Notification, 2006.
15. 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.
16. Provide details of court cases/ litigations pending, if any.

8. Case No. – 6575/2019 M/s Ojaswi Mining, Partner Shri Pradeep Kumar Mittal, 11-12, Dunne Market, Jabalpur Road, Bargawan, Dist. Katni, MP – 484220. Prior Environment Clearance for Granite Deposit in an area of 2.330 ha. (1,302 cum per annum) (Khasra No. 2673), Village - Chilpa, Tehsil - Anuppur, Dist. Anuppur (MP).

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2673), Village - Chilpa, Tehsil - Anuppur, Dist. Anuppur (MP) 2.330 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's Office letter No.98 dated: 03/08/2019 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 23.016 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.

9. Case No. – 6576/2019 M/s Pasific Industries Ltd, Village - Chilpi, Tehsil & Dist. Anuppur, MP. Prior Environment Clearance for Granite Deposit in an area of 3.816 ha. (7,500 cum per annum) (Khasra No. 2610), Village - Chilpa, Tehsil - Anuppur, Dist. Anuppur (MP).

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2610), Village - Chilpa, Tehsil - Anuppur, Dist. Anuppur (MP) 3.816 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's Office letter No.77 dated: 21/01/2019 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 30.584 ha., including this mine.

The case was presented by the PP and their consultant, committee after deliberation decided that being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

- Surface drains originating from the south –west end of the lease hence, address this sensitive issue in the EIA report with its protection plan.
- Inventory of the trees existing on the lease shall be addressed in the EIA report.

10. Case No. – 6572/2019 Shri Akash Singh Tomer, C-26, Nawab Singh Colony, Harishankarpuram, Gwalior, MP. Prior Environment Clearance for Stone Quarry in an area of 1.028 ha. (20,000 cum per annum) (Khasra No. 3893, 3895), Village - Biloua, 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. 3893, 3895), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 1.028Ha. 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's Office letter No.QL-49/18 dated: 24/09/2019 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine total area of 8.278 ha., including this mine.

The case was presented by PP and their consultant during appraisal the case file it was observed by the committee that revised letter of Collector office (Mining Cell) vide no. Q.L. - 52/16/Khanij/2019 dated 18.09.2019 mentioned that 10 mining are in within 500 meters are existed out of which 09 are in operation and 01 mine is closed the total area of all such mines are 17.578 ha. Hence, required to carry out EIA studies, 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 summary of all the directions and compliances made) issued by honourable 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. Ambient Air Quality Monitoring on following locations be conducted for one season:-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at main evacuation road and Billaua village road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
 - (e) One monitoring station close to water body i.e. Udalpara Tal.
12. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
13. Photography and Videography should also be done during collection of baseline data.
14. Noise Monitoring on following locations be conducted for one season:-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
15. 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.

16. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
17. 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.
18. A drainage plan for entire cluster and surface run off management plan.
19. 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.
20. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
21. Public consultation be conducted as per EIA Notification, 2006.
22. 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.
23. Provide details of court cases/ litigations pending, if any.

11. Case No. – 6568/2019 Shri Surendra Pratap Singh S/o Late Shri Prem Kumar Singh, R/o Near Manas Bhawan, Kotarkala, Dist. Sidhi, MP. Prior Environment Clearance for Stone Quarry in an area of 8.00 ha. (2,00,000 cum per annum) (Khasra No. 4/2 Parts), Village - Darbari, Tehsil - Chitarangi, Dist. Singrauli (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4/2 Parts), Village - Darbari, Tehsil - Chitarangi, Dist. Singrauli (MP) 8.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, 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 Tehsildar's Office letter No.2080 dated: 15/06/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 43 meters from the surface (Highest elevation 430 m & Lowest elevation 397 m)

- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- Apprx. 30 trees are in existence within the lease.

Thus committee after deliberations decided to carry out site visit by a sub-committee of this mine considering existence of trees in the QL & where the height of hill is approx. 43 meters and TOR will be recommended after the site visit report.

12. Case No. – 6577/2019 M/s Dynasty Pvt. Ltd, 104, 1st Floor, Darhmesh Plaja, Sector 20B, Faridabad, HR – 121001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (97,185 cum per annum) (Khasra No. 461), Village - Vijaypura, Tehsil - Isagarh, Dist. Ashok Nagar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 461), Village - Vijaypura, Tehsil - Isagarh, Dist. Ashok Nagar (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's Office letter No.565 dated: 01/10/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	>70	South-East	Provision of Garland drain & settling tanks.
Kachcha road	>80	North-West	-

After presentation the committee asked to submit following details:

- Revised EMP as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 06.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 97,185 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 25.34 Lakh as capital and Rs. 3.03 Lakh/year and under CER Rs. 4.0 Lakh@ 2.0Lakh/Year has proposed.

13. Case No. – 6586/2019 M/s Shree Dwarkadheesh, Gram - Karmal, Tehsil - Chanderi, Dist. Ashoknagar, MP – 473338. Prior Environment Clearance for Flag Stone Quarry in an area of 1.00 ha. (2,160 cum per annum) (Khasra No. 867, 868, 870), Village - Vikarmpur, Tehsil - Chanderi, Dist. Ashoknagar (MP).

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 867, 868, 870), Village - Vikarmpur, Tehsil - Chanderi, Dist. Ashoknagar (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter No.Q dated: 12/09/2018 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 3.00 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	>60	North-West	Provision of Garland drain & settling tanks.
02 Trees	Barrier zone	North & East	No tree felling is proposed

After presentation the committee asked to submit following details:

- Revised EMP as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 06.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flag Stone 2,160 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.845 Lakh as capital and Rs. 1.88 Lakh/year and under CER Rs. 1.20 Lakh,@ 0.24Lakh/Year has proposed for five years.

14. Case No. – 6578/2019 Kumari Sumedha, Tal Darwaja, Tehsil & Dist. Tikamgarh, MP. Prior Environment Clearance for Soil Quarry in an area of 2.00 ha. (5,259 cum per annum) (Khasra No. 353), Village - Daryaw Nagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP).

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 353), Village - Daryaw Nagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter No.35 dated: 10/02/2017 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 stated that it is case of soil query and the method of mining will be manual open cast. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>110	South	-
02 Trees	Barrier zone	West	No tree felling is proposed.
Natural drain	>75 & 110	East & West	--

After presentation the committee asked to submit following details:

- Location of kiln on surface map preferably away from the road.
- Volume of fly ash generated and disposal plan.
- Details of manpower and equipments.

Vide letter dated 06.11.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 5,259 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 17.95 Lakh as capital and Rs. 4.40 Lakh/year. Under CER Rs. 0.30 Lakh/years has proposed.

15. Case No. – 6564/2019 Shri Prem Narayan Sahu S/o Shri Laxmi Narayan Sahu, R/o 194, Taalpura, Dist. Jhansi, UP – 284001. Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (33,565 cum per annum) (Khasra No. 15/3/2), Village - Ghatwaha, Tehsil - Orchha, Dist. Niwari (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15/3/2), Village - Ghatwaha, Tehsil - Orchha, Dist. Niwari (MP) 1.40Ha. 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 Tehsildar's Office letter dated: 12/09/2015 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. The PP stated that the lease area is 4.0 KM from the Orchha Wildlife Sanctuary (ESZ) , as per DFO letter vide no. 131 dated 28.07.2017. In this context notification S.O. 35(E).— Dated 2nd January, 2018 of the Orchha Wildlife Sanctuary (ESZ) also confirmed extent of the ESZ that are varying from two kilometers periphery of Orchha Wildlife Sanctuary, except at residential area of Orchha town (100 meters periphery).

During presentation as per Google image based on coordinates provided by PP, two pits in shown the lease and PP shown these pits on the surface map also a village/ kachcha road is also crossing

in the west side within the lease for which PP submitted that right of access will be provided. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Hutments	270	west	PP submitted that orientation of mine shall be from North.
Kachcha Road	crossing in the west side within the lease	west	PP submitted that right of access for crossing habitation will be provided from the west side.
Betwa River	320	South west to North to East	-

The After presentation the committee asked to submit following details:

- Revised environment map with contour and location of Garland drain and settling tank with its dimension is to be submitted.
- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 06.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 33,565 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 18.25 Lakh as capital and Rs. 4.40 Lakh/year. Under CER Rs. 1.20 Lakh/ year has proposed.

16. Case No. – 6607/2019 Shri Kaptan Singh, R/o Village - Sahsari, Dist. Gwalior, MP. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (1,00,000 cum per annum) (Khasra No. 10), Village - Lakhanpura, 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. 10), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's Office letter No.81 dated: 21/12/2015 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 13.260 ha., including this mine.

The case was presented by the PP and their consultant being it's a case Stone Quarry with total area of 13.260 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 honourable 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. Ambient Air Quality Monitoring on following locations be conducted for one season:-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at main evacuation road and Billaua village road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
 - (e) One monitoring station close to water body i.e. Udalpara Tal.
12. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
13. Photography and Videography should also be done during collection of baseline data.
14. Noise Monitoring on following locations be conducted for one season:-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
15. 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.
16. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
17. 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.
18. A drainage plan for entire cluster and surface run off management plan.
19. 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.
20. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
21. Public consultation be conducted as per EIA Notification, 2006.
22. 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.
23. Provide details of court cases/ litigations pending, if any.

17. Case No. – 6524/2019 M/s Narmada Enterprises, Shri Vijay Bahadur Singh Tomar & Shri Naveen Chandrwanshi Mittal, Partner, R/o - 301, W-15, Mahajanpath Punasa, Dist. Khandwa, MP. Prior Environment Clearance for Stone quarry in an area of 1.60 ha. (40,000 cum per annum) (Khasra No. 429), Village - Inpun, Tehsil - Punasa, Dist. Khandwa (MP).

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 429), Village - Inpun, Tehsil - Punasa, Dist. Khandwa (MP) 1.60 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 Tehsildar's Office letter No. Nil dated: 22/05/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakka Road	300	North-East	Two rows of plantation.
Settlement	200 & 325	South-West	Protection plan.
Kachcha Road	20	South	Three rows plantation towards road side.

After presentation the committee asked to submit following details:

- Copy of P-II form.
- Proposal of curtain wall in order to protect the nearest habitation.
- Revised plantation schemes as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 06.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to

recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 40,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.63 Lakh as capital and Rs. 2.31 Lakh/year. Under CER Rs. 00.60 Lakh/ year has proposed.

18. Case No. – 6597/2019 Shri Bheru Singh Rawat, Near Village - Chaksodijar, Tehsil - Singoli, Dist. Neemuch, MP - 458228 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (30,000 cum per annum) (Khasra No. 475), Village - Chaksodi, Tehsil - Singoli, Dist. Neemuch (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 475), Village - Chaksodi, Tehsil - Singoli, Dist. Neemuch (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's Office letter No. 847 dated: 12/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>10	South-West	Three rows plantation towards road side.
Settlement	>500	North-West	Protection plan.

After presentation the committee asked to submit following details:

- Revised plantation schemes as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 06.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 26.94 Lakh as capital and Rs. 3.44 Lakh/year. Under CER Rs. 00.90 Lakh/ year has proposed.

19. Case No. – 6598/2019 Shri Ramniwas Tyagi, R/o Village - Runipur, Tehsil - Joura, Dist. Morena, MP. Prior Environment Clearance for Soil Quarry in an area of 1.00 ha. (2,000 cum per annum) (Khasra No. 481, 482, 483, 484 Pvt. Land), Village - Runipur, Tehsil - Joura, Dist. Morena (MP).

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 481, 482, 483, 484 Pvt. Land), Village - Runipur, Tehsil - Joura, Dist. Morena (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter No.3237 dated: 23/12/17 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakki Road	>100	North	-
Pakki Road	>120	South	-
Settlement	>300	North-east	-

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

- Type of fuel with quantity and disposal plan of generated fly ash.
- Location of kiln on surface map preferably away from the road.
- Revised plantation schemes as suggested during presentation.

Vide letter dated 6.11.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 2,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.62 Lakh as capital and Rs. 1.80 Lakh/year. Under CER Rs. 0.60 Lakh has proposed.

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(R.S.Kori)
Secretary

(Dr. A. K. Sharma)
Member

(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/Murrum and Soil quarries:

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

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
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.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

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

10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. 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 CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
 20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
 24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
 25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K shall be analyzed in all soil samples.

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.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. 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.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.