

The 412th meeting of the State Expert Appraisal Committee (SEAC) was held on 9th December, 2019 under the Co-Chairmanship of Dr. Mohd. Akram Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. A. K. Sharma, Member.
2. Dr. Sonal Mehta, Member.
3. Dr. Jai Prakash Shukla, Member.
4. Dr. Rubina Chaudhary, Member.
5. Shri R. S. Kori, Secretary.

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

1. **Case No. - 5795/2018 M/s Laxmidas Ramji, Katni Refractory works, Village - Tikuri, Tehsil - Murwara, Dist. Katni, MP – 483504 Prior Environment Clearance for Bauxite Mine in an area of 39.31 Ha. (1,00,000 tonne per annum) at Khasra No. 38 Part, 42/1P, 42/2 P, 43/1, 43/2, 43/3, 44/1, 44/2, 45, 46 P, 51/1 GA P, 51/1 GA P, 51/1 GA P 51/1 GA P, 51/8, 51/9, 51/10, 51/11, 51/12, 68 P at Village- Tikuri, Tehsil - Murwara, Dist. Katni (MP). Environment Consultant-In Situ Enviro Care, Bhopal.**

This is case for Bauxite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The Project in an area of 39.31 ha. for production capacity (100000 tonne per annum) at Khasra No. 38 Part, 42/1P, 42/2 P, 43/1, 43/2, 43/3, 44/1, 44/2, 45, 46 P, 51/1 GA P, 51/1 GA P, 51/1 GA P 51/1 GA P, 51/8, 51/9, 51/10, 51/11, 51/12, 68 P at Village-Tikuri, Tehsil - Murwara, Dist. Katni (MP), MP. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their consultant in 333rd SEAC meeting dated 29/11/2018 wherein ToR for violation was recommended.

PP has submitted the EIA report vide letter dated 19/09/2019 which was forwarded through SEIAA vide letter no. 2319 dated 23/09/2019 which was placed before committee.

This case was scheduled for the EIA presentation in 395th SEAC meeting dated 30/09/2019 along with its remediation's plan and natural community resource augmentation plan due to violation. Committee observed that according to the latest MoEF &CC Notification dated 09/Sep/2019 only those proposals of violation may be taken up for consideration under the

provisions of MoEF&CC notifications dated 14/03/2017 & 08/03/2018 which had been submitted to SEAC during the window or prior to it. (I.e. till 13th April, 2018). From the above it is clear that the proposals involving violation of EIA Notification, 2006 which had applied during the window period or prior to it (lateral entry proposals) can only be taken up for consideration.

In this case, Committee observed that PP had applied on 15/11/2018 to SEIAA and subsequently SEIAA has forwarded the case to SEAC for appraisal. During appraisal the case for TOR in 333rd SEAC meeting dated 29/11/2018, it was observed by committee that PP has committed violation by carrying out mining operations without having EC and recommends that case may be dealt as per the provisions laid down in GoI, MoEF & CC Notification dated 8th March, 2018 and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories. SEIAA also approved the recommendations of SEAC and later TOR for violations was issued vide Letter No. 412 dated 22/12/2018.

Committee after deliberation decided that this case may be referred to SEIAA for further necessary action and decide MOD regarding appraisal of above case since it a case of violation which is received after scheduled time limit in the light of MoEF&CC Notification dated 09/Sep/2019.

SEIAA vide letter no. 3377/SEIAA/19 dated 02/12/2019 has sent back the file to SEAC stating that:-

“The case was discussed in 395th SEAC meeting dated 30/9/19 and it was recorded that: “.....” in this case. Committee observed that PP has applied on 15/11/18 to SEIAA and subsequently SEIAA has forwarded the case to SEAC for appraisal. During appraisal the case for TOR in 333rd SEAC meeting dated 29/11/18, it was observed by having EC and recommends that case may be carrying out mining operations without having EC and recommends that case may be dealt as per the provisions laid down in GoI, MoEF & CC Notification dated 8th March, 2018 and the project may granted Terms of Reference for

undertaking Environment Impact Assessment and preparation of and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, SEIAA also approved the recommendations of SEAC and later TOR for violation was issued vide letter NO. 412 dated 22/12/2018.

Committee after deliberation decided that this case may be referred to SEIAA for further necessary action and decide MOD regarding appraisal of above case since it a case of violation which is received after scheduled time limit in the light of MoEF&CC Notification dated 09/Sep/2019”

As per above observation of SEAC, PP was called for clarification in the meeting. PP made presentation to clarify the issue and submitted representation on 14/11/2019 in the meeting to consider following major points for consideration:-

- 1. The lease was originally granted to M/s. ACC limited for extraction of bauxite in the year of 1970 which is auto extended for 50 years up to 2020 as per the Mines and Minerals (Development and Regulation) Amendment Ordinance 2015 and transferred to M/s. Laxmidas Ramji in the year 1989*
- 2. The PP has been carrying out the mining operations as per orders and directions of the respected controlling authorities under the MMDR (Mines and Minerals Regulation Development Act), the Rules framed there under as well as per MPPCB consent letters.*
- 3. The MP Pollution Control Board has issued consent of the Air Pollution Act and Water Pollution Act. The Aforesaid were renewed from time to time and finally they have applied for consent renewal in August 2016 and the renewal is granted for the period of 01/03/2017 to 28/02/2020 by the MP Pollution Board, Bhopal.*
- 4. For old operative mines as the applicant case, as per EIA notification dated 14/09/2006 the environmental clearance is required if mine management will enhance production or increase lease hold area for any modernization in the working of the mine. It is also pertinent to point out that if the consent has been granted under the*

aforesaid Air and Water Pollution Act by the Pollution Board in the event Environmental Clearance is not required unless the Mine Management will enhance production or increase lease hold area of any modernization in the working of mine which is evident from the consent letter dated 05/11/2013 and valid up to 28/02/2015

5. *The applicant did not enhance the production nor made any change in the lease hold area nor affected and modernization in-their working and thus lessee did not apply for environmental clearance. Since the applicant was under the bonafide belief that it has already been granted consent letters to operate the mine hence there was no necessity of Environmental Clearance. PP has submitted production details submitted by Collector Office, Katni to MPPCB in this support that there is no enhancement of production.*
6. *The PP very clearly stated that no environmental clearance was granted to it. And even after the aforesaid clarification made in the application from the applicant was granted consent letters to operate the mine by M.P. Pollution Control Board, Bhopal. Under the circumstances the applicant had no doubt and firmly believed that when the consent letters have been issued from time to time under the Air and Water Pollution Act, environmental clearance is not required as per MoEF &CC notification S.O. 2601(E) dated 07th October 2014.*
7. *PP is regularly submitting annual compliance to the board & quarterly testing/monitoring report certified by MPPCB Regional Office till September 2018 which clearly shows that there is no pollution above the prescribed limit in the area.*
8. *The Government of M.P. Ministry of Mining vide letter dated 04/09/2018 informed the applicant that it has right to carry out mining after obtaining the permission from Indian Bureau of Mines and in Accordance therewith to obtain EC or CTO (Consent letter). Believing on the same the applicant took permission from IBM and consent letters from MPPCB and continued mining.*
9. *PP informed that the validity of the consent is upto 28/02/2020 and lease period is up 20/12/2020 therefore, we have already applied for Environmental Clearance as per MoEF&CC notification S.O. 2601(E) dated 07th October 2014.*

10. *PP further requested that our lease period is going to lapse on 20/12/2020 i.e. only one year period is available for us. In this period we have to extract balance mineral as well as obtain approval and execute final mine closure plan as per MCDR 2017.*
11. *As per letter dated 10/10/2018 from Collector it was communicated to the mine owner to obtain EC from the competent authority. The mine owner applied to the competent authorities for the Environmental Clearance (EC) in the month of November 2018. In March 2019 we received letter from Katni Collector office to stop mining activities till EC is received. No mining activities and dispatched have taken place in the last 7 months.*
12. *It is evident from the aforesaid facts and circumstances that the lease holder has taken all care and precautions to comply with the law as well as directions issued from time to time from competent authorities.*

Considering the above facts, the case has been discussed in detail and examined from the existing legal provisions/OM of MoEF&CC, GoI and direction of Hon;ble NGT and Hon;ble Supreme Court which are as follows:

Ministry of Environment, Forest and Climate Change, New Delhi in its notification dated 07th October 2014 has mentioned that:-

*“Prior Environmental Clearance is required at the stage of renewal of mine lease for which an application shall be made up to two years prior to the date due to renewal”
Hon’ble National Green Tribunal Principal Bench, New Delhi in OA NO. 495 of 2015 Jatinder Singh and Jagjit Singh Vs Union of India and other has given following direction in its order dated 19th February 2016*

“It shall be mandatory for all the applicants to seek EC for carrying on of mining activity of minor or major minerals, even if the lease area is less than 5 ha. in other words, MoEF, SEIAA and all other authorities would adopt uniform practice for issuance of EC in regard to the mining area of less than 5 ha. notwithstanding the fact that environmental impact of mining minerals is no way less than that of the mining of major minerals. The judgment of the Supreme Court in the Deepak Kumar Vs State of Haryana (2012) 4 SCC 629 is applicable to both minor and major minerals.”

However, Hon'ble Supreme Court of India in WP No.114 of 2014 Common cause Vs Union of India and Others and WP No. 194 of 2014-Prafulla Samantra and Anr. Vs Union of India and Others has clarified in the conclusion on the issue of Mining without an EC or FC or both in its direction on 2nd August 2017 to avoid any misunderstanding, confusion or ambiguity, we make the following very clear:-

A mining project that has commenced prior to 27th January 1994 and has obtained a No Objection Certificate from the SPCB prior to that date is permitted to continue its mining operations without obtaining an EC from the Impact Assessment Agency. However, this is subject to any expansion (including an increase in the lease area) or modernizations activity after 27th January, 1994 which would result in an increase in the pollution load. In that event, a prior EC is required. However, if the pollution load is not expected to increase despite the proposed expansion (including an increase in the lease area) or modernization activity, a certificate to this effect is absolutely necessary from the SPCB, which would be reviewed by the Impact Assessment Agency.

After review of above MoEF & CC Notification dated 07/10/2014 and direction given by Hon'ble NGT and Hon'ble Supreme Court, it is clear that Prior Environmental Clearance is required at the stage of renewal of mine lease and a mining project that has commenced prior to 27th January 1994 and has obtained a No objection Certificate from the SPCB prior to that date is permitted to continue its mining operations without obtaining an EC from the Impact Assessment Agency. It is to mention here that Hon'ble NGT has made mandatory for all the applicants to seek EC for carrying on of mining activity of minor or major minerals, even if the lease area is less than 5 ha for new mining leases but NGT has not given any direction for the mining projects which have commenced prior to 27th January 1994.

Looking to above facts, it seems that the case for prior environment clearance for Bauxite Mine in an area of 39.31 ha (1,00,000 tonne per annum) at Khasra No. 38 Part, 42/1P, 42/2 P, 43/1, 43/2 43/3, 44/1, 44/2, 45, 46P, 51/1 GA P, 51/1 GA P, 51/1 GA P, 51/1 GAP, 51/8, 51/9, 51/10, 51/11, 51/12, 68 P at Village – Tikuri, Tehsil – Murwara, Distt. Katni by M/s. Laxmidas Ramji, Katni Refractory works Village – Tikuri, Tehsil – Murwara, Distt. Katni M.P. is not a violation case as this mine is being operated by PP prior to 27th January 1994 with valid CTO from MP Pollution Control

Board and PP can operate the mine till the lease period i.e. upto 20/12/2020 with proper No objection Certificate/CTO from the SPCB.

Based on above decision given by SEIAA this case was scheduled for the EIA presentation in 412th SEAC meeting dated 09/12/2019.

The case file with above facts and decision of SEIAA was placed before the committee before scheduled presentation by PP. Committee after examining the file and facts mentioned in letter no. 3377/SEIAA/19 dated 02/12/2019 observed that SEIAA in this case has given its decision that “*the case for prior environment clearance for Bausite Mine in an area of 39.31 ha (1,00,000 tonne per annum) at Khasra No. 38 Part, 42/1P, 42/2 P, 43/1, 43/2 43/3, 44/1, 44/2, 45, 46P, 51/1 GA P, 51/1 GA P, 51/1 GA P, 51/8, 51/9, 51/10, 51/11, 51/12, 68 P at Village – Tikuri, Tehsil – Murwara, Distt. Katni by M/s. Lamidas Ramji, Katni Refractory works Village – Tikuri, Tehsil – Murwara, Distt. Katni M.P. is not a violation case as this mine is being operated by PP prior to 27th January 1994 with valid CTO from MP Pollution Control Board and PP can operate the mine till the lease period i.e. upto 20/12/2020 with proper No objection Certificate/CTO from the SPCB*”, by examining existing legal provisions, OM of MoEF&CC and directions of Hon’ble NGT and Hon’ble Supreme Court of India. Committee considering the above decision of SEIAA, allowed PP for EIA presentation.

The case was presented by the PP and their consultant wherein PP submitted that mining on this lease is proposed till 2020 (till lease validity) and they have also to implement “Mine closure Plan”, for which they need EC. PP submitted that they are mining on this site since 1989 and previously mining on this lease was carried out by M/s ACC Limited. During presentation it was observed as per the Google image that there is dense population towards the western side of the lease for which PP submitted that when they started mining the entire area was non populated and no blasting is proposed in this project as they will be handling only excavated mineral and ready to give written commitment. PP further submitted that the mineral will be evacuated through an alternate route avoiding most parts of densely populated area which is developed and used by them and another industry (M/s Caldrys India Refractory Ltd., Katni). PP also submitted that they have proposed adequate mitigation measures to control fugitive emissions such as:

- ✓ Mining will be carried out only during day time without any blasting operations to avoid vibrations & dust generation.

- ✓ Regular and frequent water sprinkling will be carried out on haul road and evacuation road to avoid fugitive emissions.
- ✓ Dense plantation will be carried out on the both sides of the evacuation road.
- ✓ All the transportation will be done during night hours as heavy vehicles are not allowed within the city limits during day time and thereby reducing the chances of any accident.
- ✓ Speed restriction will also be imposed on transportation vehicles for safety purpose.
- ✓ Propose sinages will be placed on evacuation road.

The issued raised in public hearing were also discussed in the presentation. During discussion committee suggested that in place of proposed 20 MT capacity trucks, 40 MT capacity trucks shall be used for transportation of minerals which will reduce the number of trips to 17-18 trips /day. After presentation PP was asked to submit following details:

1. PP has to proposed alternate evacuation route avoiding densely populated area.
2. Transportation shall be done with 40 MT truck load capacity to reduce the number of trips.
3. PP shall submit the photographs of the proposed alternate route with its dimensions as PP submitted that route is already in extension through nearby industry i.e. M/s Caldrys India Refractory Private Limited and the same road shall be used by both M/s Caldrys India Refractory Private Limited and M/s Laxmidas Ramji.
4. Commitment from PP that no blasting shall be carried-out only mined-out mineral will be evacuated.
5. Revised plantation scheme as suggested by committee.
6. Status of Case No 17192/2014 which is raised as an issue in the public hearing.
7. Commitment from PP that material evacuation will be carried-out only during night hours as heavy trucks are not allowed in the city area in the day time as per RTO/ District authority regulations.
8. Commitment from PP that speed limit shall be maintained up to 40km/hour for material evacuation.
9. Revised CER as suggested by the committee during presentation.

PP has submitted the response of above quarries vide letter dated 09.12.2019 which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for Bauxite Mine in an area of 39.31 Ha. (1,00,000 tonne per annum) at Khasra No. 38 Part, 42/1P, 42/2 P, 43/1, 43/2, 43/3, 44/1, 44/2, 45, 46 P, 51/1 GA P, 51/1 GA P, 51/1 GA P 51/1

GA P, 51/8, 51/9, 51/10, 51/11, 51/12, 68 P at Village- Tikuri, Tehsil - Murwara, Dist. Katni (MP)., subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. 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.

(B) MINING OPERATIONAL PHASE

9. No blasting will be carried out and only mined-out material shall be excavated.
10. No explosive will be stored at mine site.
11. 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.
12. 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 20,794 nos., of trees shall be planted along mineral evacuation road, protective bund and within the ML area. This will be covered 18.516 ha as green belt area.
13. Transportation of material shall be done in covered vehicles.
14. Transportation of minerals shall not be carried out through forest area (if any).
15. The OB as over burden shall be reutilized for backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.

16. 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 size of the Garland drain will be shall be provided for proper sedimentation.
17. The size of the garland drain will be 5160 m L X 1.0 m W X 1.0 m D.
18. The settling tank will be 02 in numbers, details are as given below:-
 - 01 settling tank of 8.5m Lx 9.0W m x 5.0D m
 - 02 settling tank of 13.5m Lx 13.5.0W m x 5.25D m
 - Outlet Trench (out side mine)- 195.0m Lx 1.0W m x 1.0D m
19. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.
20. Transportation road shall be made pucca and should avoid densely populated area towards west.
21. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
22. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
23. The land use of mine lease area for pre-operational, operational and post operational phase is given below:-

Sl. No.	Land-use Classification	Area in Hectare	Area in %
1	Agriculture Land	0.8	2.1
2	Fallow Land	15.9	40.5
3	Open Scrub	20.9	53.0
4	Waste Land	1.3	3.4
5	Waterbody	0.4	1.0
Total		39.3	100.00

24. 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.
25. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

26. The commitments made in the public hearing are to be fulfilled by the PP.
27. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
28. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.
29. The solar power will be used at the mine office for illumination.

(C) ENTIRE LIFE OF THE PROJECT

30. Revised Plantation Scheme against mine closure plan total 39,310 trees shall be planted for PP has proposed Rs. 18.51 Lakh as capital cost.
31. PP also proposed if mine lease extended, for 05 years in this condition Revised Plantation Scheme against extension case would be total 20,794 trees shall be planted and Rs. 18.516 Lakh and Rs. 3.703 Lakh /year are proposed as capital and recurring expenses respectively.
32. The CER activities have proposed for Rs. 2.40 Lakh per year for different activities and should be implemented through respective committees.
33. The proposed EMP cost is Rs. 76.60 Lakh and Rs. 12.50 Lakh /year are proposed as capital and recurring expenses respectively.
34. The CER activities are proposed, @ Rs. 1.20 Lakh per year for different activities and should be implemented through respective committees.
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 All safety precautions and provisions of Mine Act,1952 as amended, Metalliferous Mines Regulation, 1961 and Mines Rules,1955 as amended will be strictly followed during all mining operations;
39. PP will comply with all the commitments made vide letter dated 09.12.2019.
40. 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. – 6053/2019 M/s Granite Fields LLP, 203, 2nd Floor SR1, Rudraksh Park 1, Aakriti Ecocity, Bawadian Kalan, Rohit Nagar, Dist. Bhopal, MP Prior Environment Clearance for Granite/Dolerite Quarry in an area of 7.00 ha. (10,000 cum per annum) (Khasra No. 116, 117, 127, 128), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP). Environmental Consultant -M/s Creative Enviro Services.**

This is case of Granite/Dolerite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 116, 117, 127, 128), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP) 7.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Officer letter No. 1826 dated: 21/12/18 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 15.646 ha., including this mine.

The case was presented by the PP and their consultant in 360th SEAC meeting dated 11/04/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 26/11/19 which was forwarded through SEIAA vide letter no. 3375 dated 02.12.2019.

EIA was presented by the PP and their consultant, wherein following details were provided by PP:

Salient Features of the project:

Objective	To obtain EC for Chatua Granite/Dolerite mine (7.00 ha)
Proposed Capacity	10,000m ³
Promoters of the Project	M/s Granite Fields LLP
Location of Project	Village-Chatua, Tehsil & Dist- Anuppur (MP)
Land use	Govt. Waste land
Altitude of Site	524-506 AMSL
Khasara No.	Part of 116, 117, 127, 128
Lease period	30 years

Surrounding features	East- Waste land followed by nalla West – Waste land followed by village road North – Waste land followed by village road South – Waste land followed by other mine
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Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	7.00ha
Mineable Area	7.00 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	122705m ³
Method of mining	Mechanized
Ultimate Depth of Mining	8 m bgl (498 m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	13years
Lease Period	30year
Capacity per year	10000m ³
mode to transportation	Road
Area to be covered under dumps in conceptual period	1.5958ha
Area covered under pit in conceptual period	4.3089ha
Area to be reclaimed by conceptual period	2.1701ha
Area to be covered under plantation by conceptual period	4.8612ha
Area to be covered under water reservoir	2.1308ha
Elevation	524-506 m MSL
Ground water table	
Monsoon period	32 m bgl 474m MSL)
Dry month	35m bgl (471m MSL)
Production per day @300 day	33m ³
Dumper required per day @12m ³	3.00 nos.

Method of Mining:

- Proposed mining is the block mining by adopting the Gali Toda method by using help of Wire saw, LD- 4, Jack hammer, Hydraulic jack, Compressor, Tata Hitachi Shovel excavator and crane. Intercalated sub-grade mineral of about 80% of granite/dolerite volume will be excavated and transported mechanically by using the above mentioned machineries. From the loading point of view crusher stone will be transported by truck/dumper to be users. The proposed five year working will be emphasized with systematic pits developed with development and production benches. Light drilling and blasting will be done for easy excavation of the material. The development will be done from the south eastern part of the pit-1 advancing towards northern direction and in depth up to a maximum MSL of 504m. There will be one bench of granite/dolerite during this five years proposal period.
- During the SOM period (5 year) about 3.25ha area will be excavated up to 504m MSL and at the end of conceptual period, about 4.3089 ha area will be excavated up to 498m MSL with 5 benches.

Year wise development and production plan							
Year	Pit no	Total Tentative Excavation (Cum)	Top soil (Cum)	Sub Grade Mineral (CuM)	Production of mineral (Cum)	Mineral reject	ROM/Sub grade mineral ratio
2018-19	1	20000	Nil	16000	4000	Nil	1:1.25
2019-20	1	40000	Nil	32000	8000	Nil	1:1.25
2020-21	1	40000	Nil	32000	8000	Nil	1:1.25
2021-22	1	45000	Nil	36000	9000	Nil	1:1.25
2022-23	1	50000	Nil	40000	10000	Nil	1:1.25
Total		195000	Nil	156000	39000	Nil	1:1.25

Total production at a glance	
Year	Granite/Dolerite (m3)
1 st year	4000
2 nd year	8000
3 rd year	8000
4 th year	9000
5 th year	10000
Total	39000

During presentation it was observed that there are 11 palash trees in lease area out of which 09 will not be uprooted and remaining 02 will uprooted with permission from competent authority with compensatory 10 times plantation. After presentation the EIA/EMP and other

submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case of Granite/Dolerite Mine in an area of 7.00 Ha., with production capacity of 10,000 cum per annum at Village- Chatua, Teshil - & Dist Anuppur (MP). Subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be maintained 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 during the operation of the mining activities.

(B) MINING OPERATIONAL PHASE

10. No overcharging during blasting to avoid vibration.
11. Controlled and muffle blasting shall be carried out as per the DGMS norms.
12. Working height of the loading machines shall be compatible with bench configuration.
13. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
14. No explosive will be stored at the mine site.
15. No dump shall be stacked outside the lease area.
16. Proper water spraying system shall be provided in mine.
17. 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.
18. At the end of conceptual period total 4.8612 ha. area shall be developed as green belt.

19. 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 9,722 trees shall be planted on barrier zone, backfilled area and along the transportation route.
20. Transportation of material shall be done in covered vehicles.
21. Transportation of minerals shall not be carried out through forest area.
22. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
23. 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.
24. The size of the drain will be as -

Details Of Proposed Garland Drain		
Garland drain no.	Location of Garland drain	Size mL X mW X mD
PGD_1	BP-1 to BP-3	658.00 X 1.00 X 1.00
PGD_2	BP-3 to BP-1	511.00 X 1.00 X 1.00

25. The Seven settling pits and one settling tank will of following size as:

Details of proposed settling pit		
Identified Drain With No.	No. of Settling Pit	Size of Settling Pit (M) W X L X D
PGD_1	PSP_1 to PSP_4	0.5x0.35x1.5
PGD_2	PSP_5 to PSP_7	0.5x0.35x1.5

Settling tank no.	Location	Size of Settling tank	Capacity
PST_1	Between P_1 & P_2	0.67ha x 4mD	23450KL

26. 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.
27. For dust suppression water spraying system shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

Items	Existing	SOM Period	Conceptual Period
Total lease area	7.00ha		
Ultimate depth of mining	Nil	2m bgl (504 m MSL)	8 m bgl (498 m MSL)
Ultimate pit slope		45 degree	45 degree
Area under dumps	Nil	1.0400ha	1.5958ha
Area under pits	Nil	3.25ha	4.3089ha
Infrastructure & Road	Nil	0.0282ha	Nil
Mineral storage	Nil	Nil	Nil
Plantation	Nil	0.30ha	1.0953 ha
Un-worked area	Nil	2.3818ha	Nil
Total	7.00ha	7.00ha	7.00ha
Water body	Nil	0.50ha	2.1388ha
Area to be reclaimed	Nil	Nil	2.1701ha
Plantation			
Un-worked area	Nil	0.30ha (600No.)	1.0953 ha (2190No.)
Backfilled area	Nil	Nil	2.1701 ha (4340No.)
Dump area	Nil	Nil	1.5958ha (3192No.)
Total area for plantation	Nil	0.30ha (600No.)	4.8612 ha (9722No.)

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

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 55.34 Lakh is proposed and Rs. 11.31 Lakh /year as recurring expenses.
35. Under CER activity, Rs. 3.00 Lakh as capital and Rs. 6.00 Lakh /year as recurring expenses are proposed in different activities and should be implemented through respective committees.

36. 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.
 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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 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. 6697/2019 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 Mine in an area of 13.150 ha. (1,90,165 tonne per annum) (Khasra No. 362, 366, 404, 410/1, 416, 417, 421), Village - Rodada, Tehsil - Gandhwani, Dist. Dhar (MP).**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 362, 366, 404, 410/1, 416, 417, 421), Village - Rodada, Tehsil - Gandhwani, Dist. Dhar (MP) 13.150 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant, wherein following details were submitted by PP.

Salient Features of This Project:

S. no.	Particular	Details
1	Name of the project & its location	Rodada Limestone Deposit (13.150ha) At Village – Rodada, Tehsil- Gandhwani, Dist.- Dhar(Mp)
2	Name of the Company, Address Tele No. & E-mail	M/s Satguru Cement Pvt. Ltd. 601/1, Airen Height, PU-3, Scheme No. 54, Opp. A. B. Road, Indore (MP)
3	Latitude and Longitude of the project	22° 25' 14.2" to 22° 25' 56.6" North 75° 03' 53.3" to 75° 04' 14.8" East

	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc	New mine, area – 13.15 ha , Govt. Waste Land connectivity- SH-38 (250 mtrs)
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project	75.0 lakh
8	Employment generated/to be generated	50-60
9	Benefits of the project:	Employment, other CSR activities and lime stone supply for captive cement plant
10	Whether new or expansion project .If expansion: i from ----- to ii What is the -----% of expansion	New
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	New
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	New
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	Fresh Case for ToR
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	NA
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	
16	Type of Mine: (Open cast/Underground/mixed):	Opencast
17	Capacity of the mine applied for	Lime stone (1,90,165 TPA)
18	ML Area i. As per block allotment ii. As per approved mine plan	13.15 hact
19	Date of approval of mine plan, mine closure plan, status & date	-
20	Date of Board's approval:	NA

21	Date of Ground water clearance	NA
22	Date of mine closure approval	NA
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	To be worked out in EIA
24	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions	To be worked out in EIA
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	Sukar Nadi is located at adjacent

During presentation PP submits that there are 06 mines of M/s Satguru Cements Private Limited in Dhar and all are captive mines. It's being a case of major mineral, committee consider this case as B-1 category and recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
2. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
3. Explore the possibility of using low and Non waste Technology (LNWT) in the mining process
4. Any issue related to R&R shall be detailed out in the EIA report.
5. Inventory of existing trees in lease area are to be submitted in Final EIA Report.

4. **Case No. – 6698/2019 M/s Apollo Creations Pvt. Ltd, Shri Kushagra Agrawal, Director, G-10, Apollo Arcade, 1/2 Old Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Open Mall Project (Khasra No. 303/2, 303/3), Village - Niranjapur, Tehsil - Indore, Dist. Indore (MP).Environmental Consultant -M/s Creative Enviro Services.**

This is case of Prior Environment Clearance for Construction of Open Mall Project. Krishna Oil Mills Developer: Apollo Creation Pvt. Ltd., Khasra No. – 303/2, 303/3 (K), Niranjapur, Indore. (M.P.) Total Plot Area – 12,580 m², Total Built up Area – 41,109.84 m². hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultants during presentation following details were provided.

S. No.	Item	Details
1.	Name of the project	Open Mall ” (Total Land Area: 12580 sq Mtrs, Total Built-up area : 41109.84 sqMtrs sqm) at Village - Niranjapur, Agra Bombay Road (Scheme no 78 Part-2) Dist. Indore, MP. Proposed By Shri Krishna Oil Mills (Land Owner) and Apollo Creations Private Limited (Developer)
2.	S. No. in schedule	The project is categorized as 'B-1' under item 8 (a) of Schedule -Gazette Notification dated Sep 14th, 2006 and subsequent amendments issued by MoEF, New Delhi on 01.12.09 and 04.04.2011.
3.	Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled	The land use of the proposed project is as under:- Total plot area- 12580 sq mt Total Built up area – 41109.84 Sq. Mt. Use – Open Mall for commercial use Structure - 1 basements + 1 Stilt+ 06 floor and 1 service floor
4.	New / Expansion / Modernization	New
5.	Existing	It is green field project
6.	Category of Project i.e. 'A' or 'B'	'B'
7.	Does it attract the General condition? If Yes, please specify.	No
8.	Does it attract the Specific condition? If Yes, please specify.	No
9.	Location	Coordinates: latitude 22°45'57.16"N and longitude 75°53'57.29"E Village- Niranjapur Agra Bombay Road, Indore (MP)
	Plot/Survey/Khasra	303/2 , 303/3 (K)

	Village	Niranjanpur			
	Tehsil	Indore			
	District	Indore			
	State	Madhya Pradesh			
10.	Nearest railway station/airport along with distance in kms.	Indore Railway Station is at a distance of about 7 KMS Indore Airport at a distance of about 19 KMS.			
11.	Nearest Town, City, District Headquarters along with distance in kms.		Nearest City	Name	Distance
				Indore	Within Municipal Area
			District Headquarters	Indore	7 Kms
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal	Indore Municipal Corporation			
13.	Name of the applicant	Joint venture project Landowner : Shri Krishna Oil Mills through authorized partner Jaswant G Manghnani Developers : Apollo Creations Pvt Limited through Director Kushagra Agrawal			
14.	Registered Address	Landowner: 302, Aishwarya Apartments, 25/1, New Palasia, Indore (M.P.) Developer: G-10 Apollo Arcade ½ Old Palasia Indore (MP)			
15.	Address for correspondence:	Apollo Creations Pvt Limited G-10 Apollo Arcade ½ Old Palasia Indore (MP)			
	Name	Mr. Kushagra Agrawal			
	Designation	CEO			
	Address	Apollo Creations Pvt Limited G-10 Apollo Arcade ½ Old Palasia Indore (MP)			
	Pin Code	400 011			
	E-mail	rajesh.surana@apollocreations.com			
	Telephone No.	9927221503			
	Fax No.	-			

16.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	No																																									
17.	List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.	<table><tr><td>Facility</td><td>Open Mall</td></tr><tr><td>Total Plot Area</td><td>12580 Sq. Mtrs</td></tr><tr><td>Area under Road Widening</td><td>1179.25 Sq. Mtrs.</td></tr><tr><td>Net Plot Area</td><td>11400.75 Sq. Mtrs.</td></tr><tr><td>Total Built up area</td><td>Total Built Area = 41109.8 Sq. Mtrs.</td></tr><tr><td>Total Water Requirement</td><td>149 kLd</td></tr><tr><td>Total Waste Water Generation</td><td>130 kLd</td></tr><tr><td>Total Fresh Water Requirement</td><td>97 kLd</td></tr><tr><td>Power Requirement</td><td>1894 kVA</td></tr><tr><td>Backup Power facility</td><td>2400 kVA</td></tr><tr><td>Solid Waste</td><td>352 kg</td></tr><tr><td>Area of parking</td><td>7941.36 Sq. Mtrs. (Basement)</td></tr><tr><td>Stilt Parking Space</td><td>7931.35 Sq. Mtrs. (Podium)</td></tr><tr><td>Number of vehicle to be parked</td><td>479 ECS on both levels</td></tr><tr><td>Height of Buildings</td><td>28.95 m</td></tr><tr><td>Front MOS</td><td>12 m</td></tr><tr><td>Rear MOS</td><td>7.5 m</td></tr><tr><td>Width of main assess</td><td>60 m</td></tr><tr><td>Area under Green belt</td><td>1144 Sq. Mtrs. (10% Open Area) provided</td></tr><tr><td>Area under Roads</td><td>1179.25 Sq. Mtrs. (under road widening Approx. 2768 Sq. Mtrs. of road to developed in the proposed MOS.</td></tr></table>		Facility	Open Mall	Total Plot Area	12580 Sq. Mtrs	Area under Road Widening	1179.25 Sq. Mtrs.	Net Plot Area	11400.75 Sq. Mtrs.	Total Built up area	Total Built Area = 41109.8 Sq. Mtrs.	Total Water Requirement	149 kLd	Total Waste Water Generation	130 kLd	Total Fresh Water Requirement	97 kLd	Power Requirement	1894 kVA	Backup Power facility	2400 kVA	Solid Waste	352 kg	Area of parking	7941.36 Sq. Mtrs. (Basement)	Stilt Parking Space	7931.35 Sq. Mtrs. (Podium)	Number of vehicle to be parked	479 ECS on both levels	Height of Buildings	28.95 m	Front MOS	12 m	Rear MOS	7.5 m	Width of main assess	60 m	Area under Green belt	1144 Sq. Mtrs. (10% Open Area) provided	Area under Roads	1179.25 Sq. Mtrs. (under road widening Approx. 2768 Sq. Mtrs. of road to developed in the proposed MOS.
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18.	Name of the consultant	Creative Enviro Services 42 Doorsnchar Colony E 8 Gulmohar Bhopal (MP)																																									
19.	SR. No. in Nabet/QCI List	29																																									

Area Statement of Project As Per Sub Rule 30 Of Rule 2 Of Mpbvr 2012		
Floor	Total Floor Area in Sq mt	Type of Facility

Basement	7941.3	Parking
Stilt	7931.3	Parking
First Floor	9574.6	Commercial
Second Floor	4484.3	Commercial
Third Floor	4484.3	Commercial
Fourth Floor	4548.2	Commercial
Fifth Floor	777.8	Commercial
Service Floor	455.0	Utilities
Sixth Floor	795.4	Commercial
Parapet	117.1	
	41109.8	

Details of Parking Statement				
Type of Parking	Parking spaces require as per norms of MPBVR 2012	Parking spaces provided	Number of Vehicles required as per norms of MPBVR 2012	Number of Vehicles provided as per norms of MPBVR 2012
Basement	7770.00	7790.20	222	222
Stilt	7710.00	7710.89	257	257
Open	0.00	0	0	0

Following impact and measures were submitted by the project proponent

S. No.	Environmental component	Potential Impacts	Potential Source of Impact	Controls Through EMP & Design	Impact Evaluation	Remedial Measures
1	Ground Water Quality	Ground Water Contamination	Construction Phase Waste water generated from temporary labour tents.	Mobile sulabh / Soak pit will be provided.	No significant impact as majority of labors would be locally	-

					deployed	
			Operation Phase Discharge from the project	Proponent will provide the STP to treat the discharge up to tertiary level.	No negative impact on ground water quality envisaged..	In an unlikely event of soil and ground water contamination. Remediation measures shall be implemented in such case. .
2.	Ground Water Quantity	Ground Water Depletion	Construction Phase Use of surface water for construction activity.	Tanker water supply shall be used.	No impact on ground water quantity envisaged.	
			Operation Phase Municipal water supply will be the main source of water during operation	<ul style="list-style-type: none"> • Rain water harvesting scheme. • Black and Grey water treatment and reuse. • Storm water collection for water harvesting. • Percolation well to be introduced in landscape plan. 	Positive impact on ground water profile is expected	In an unlikely event of non-availability of water supply, water will be brought using tankers.
3.	Surface Water Quality	Surface water contamination	Construction Phase Surface runoff from site during construction activity.	Silt traps and other measures such as additional on site diversion ditches will be constructed to control surface run-off during site development	No off site impact envisaged as no surface water receiving body is present in the core zone.	
			Operation Phase Discharge of domestic wastewater to surface water body/land.	Domestic water will be treated in STP up to tertiary level. Only excess treated water shall be discharged subject to approval of municipal corporation.	No off site impact envisaged	

4.	Air Quality	Dust Emissions	Construction Phase All heavy construction activities	Suitable control measures will be adopted to reduce the PM level in the air as per air pollution control plan. Site shall be covered through GI sheets to prevent the dust flow outside of the area.	Not significant because dust generation will be temporary and will settle fast due to dust suppression techniques	During construction phase the contractors are advised to facilitate masks for the labours. water sprinklers will be used for suppression of dust during construction phase.
		Emissions of SPM, SO ₂ , NO ₂ and CO	Construction Phase • Operation of construction equipment and vehicles during site development. • Running D.G. sets (back up)	Rapid on-site construction and improved maintenance of equipment	Not significant.	Regular monitoring of emissions and control measures will be taken to reduce the emission levels.
			Operation Phase Power generation by DG Sets during power failure Emission from vehicular traffic in use	<ul style="list-style-type: none"> • Use of ultra low sulphur diesel if available • Use of clean fuel if available • Providing Footpath and pedestrian ways within the site. • Green belt will be developed with specific species to help to reduce fugitive emission 	Not significant. DG sets would be used as power back-up (approx 6 hours)	-
	Noise	Exceeded level of noise	Construction Phase • Operation of construction	<ul style="list-style-type: none"> • Use of equipment fitted with silencers • Proper maintenance of 	No significant increase in noise level is expected	Use of Personal Protective Equipment (PPE) like earmuffs and

			equipment and vehicle movements during site development. • Running DG sets (for power back up)	equipment • Provision of noise shields near the heavy construction operations and acoustic enclosures for DG sets • Construction activity will be limited to day time hours only	from the project's activities. There are no sensitive receptors located within the vicinity of site.	earplugs during construction activities.
			Operation Phase • Noise from vehicular movement • Noise from DG sets operation	• Green Belt Development • Development of silence zones to check the traffic movement • DG set rooms will be equipped with acoustic enclosures	No significant impact due to suitable width of Greenbelt.	
6.	Land Environment	Soil contamination	Construction Phase • Disposal of construction debris	• Construction debris will be collected and suitably used on site as per the solid waste management plan for construction phase	No significant impact. Impact will be local, as waste generated will be reused for filling of low lying areas etc.	
			Operation Phase Dumping of municipal solid waste on land. Waste oil generated from D.G. sets	• It is proposed that the solid waste generated will be properly collected and transported at land fill site of corporation. • Collection, segregation, transportation and disposal will be done as per MSW Management Rule, 2016 by the authorized agency • Waste oil	Since solid waste is handled by the selected agency, waste dumping is not going to be allowed. Not significant. Negligible impact.	

				generated will be sold to authorized recyclers		
7.	Biological Environment (Flora and Fauna)	Displacement of Flora and Fauna on site	Construction Phase Site Development during construction	No trees are identified at the site	The proposed site few vegetation	
			Operation Phase • Increase in green covered area	• Suitable green belts will be developed as per landscaping plan in and around the site using local flora	Beneficial impact.	
8	Socio-Economic Environment	Population displacement and loss of income	Construction Phase No population are required to be displaced. Construction activities leading to relocation of the labours	Commercial zone and crèche facility shall be developed.	No negative impact.	

The EMP and other details submitted by PP were found satisfactory thus the case was recommended for grant of Prior Environment Clearance for Construction of Open Mall [Total Plot Area = 12,580 sq mtrs , Total Built-up Area = 41,109.84 sq mtrs] at Khasra No. – at Khasra No. – 303/2, 303/3 (K) Village- Niranjapur Agra Bombay Road, Indore (MP) , subject to the following special conditions:

I. Statutory Compliance

- The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.

- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Fire Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 4 Nos. of 600 KVA D.G sets will be used for backup. Fuel will be used HSD Fuel type. Source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG Sets should be equal to the height needed for the combined capacity of all proposed DG sets. Low sulphur diesel shall be used on DG Sets. The location of the DG sets may be decided with in consultation with MP Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.

- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xi. For indoor air quality, the ventilation provisions as per National Building Code of India shall be provided.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. Total fresh water use shall not exceed 149 KLD.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- vii. PP should explore the possibility of providing water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation.
- viii. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- ix. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

- x. Total ground water recharge through Rain water harvesting would be 35 m³/cum. Ground water recharging should be as per the CGWB norms.
- xi. All recharge should be limited to shallow aquifer.
- xii. No ground water shall be used during construction phase of the project.
- xiii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xiv. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xv. Total water requirement for the project is 149 KLD. The generated sewage will be around 130 KLD and shall be treated in the STP of 150 KLD. The treated water of 117 KLD from STP shall be recycled/re-used for flushing, car washing, DG cooling, and gardening. Only excess treated water shall be discharged through drains
- xvi. No sewage or untreated effluent water would be discharged through storm water drains.
- xvii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problems from STP.
- xviii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise Monitoring And Prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. DG sets will be used during development phase of the project. As 4 Nos. of 600 KVA are D.G set will be used for backup. Noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- iv. Solar, wind or other Renewable Energy shall be installed in meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-law's requirement, whichever is higher.
- v. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power.

VI. Waste Management

- i. The solid waste generated from project will be mainly domestic in nature and the quantity of the waste will be 352 KG per day. Solid wastes generated will be segregated into biodegradable (waste vegetables and foods etc.) and non-biodegradable (Papers, Cartons, Thermo-col, Plastics, Glass etc.) components and collected in separate bins. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste Converter within the premises with a minimum capacity of 0.3 Kg/person/day must be installed.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the MP Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs, TFLs and other e-waste should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid contamination.

VII. Green Cover

- i. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii. The 1144 sq meters (10%) of area shall be provided for green belt development as per the details provided in the project document.
- iii. 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. Shrubs along the periphery of the project site and in other open spaces earmarked for this purpose. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iv. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- v. 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.
- vi. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.

- b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 - iii. The parking facilities shall be provided of area 15872.71 sqm with meeting the minimum requirement of 35 sqm to each car in covered parking and 25 sqm for each car in open parking.
 - iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation, provisions as per National Building Code of India shall be provided.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Occupational health surveillance of the workers shall be done on a regular basis.
- v. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

- ii. For EMP, PP has proposed Rs. 103.30 lakh of this project. And in operation phase, PP proposed Rs. 14.752 lakh. For plantation (horticulture and Gardening Development work), PP has proposed 0.50 lakh as capital cost and 0.20 lakh / year as recurring in the EMP of operation phase.
- iii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iv. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI. Miscellaneous

- i. The project proponent shall abide by all the commitments and recommendations made in the EMP report, and also that during their presentation to the Expert Appraisal Committee.
- i. Explore the possibility of utilization of rain water in the sump well or through deep injection well.
- ii. The land use of the project area is as follows:

Area Statement Of Project As Per Sub Rule 30 Of Rule 2 Of MPBVR 2012			
No.	B.U.A. Including Balcony	Corridor	Floor
	Each Floor		
1	PARKING		Basement and Stilt
2	2345.97	526.28	First Floor
3	2380.2	526.28	Second
4	2216.12	639.85	Third
5	2320.18	NIL	Service

6	2166.77	957.45	Fourth
7	2229.23	375.61	Fifth
8	2204.76	375.63	Sixth
9	2163.81	446.44	Seventh
10	2164.01	393.65	Eight
11	2158.15	376.74	Ninth

- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

5. Case No. – 6273/2019 M/s Wagad Infraprojects Pvt. Ltd, Halmukam, Dhanwantri Nagar, Dist. Jabalpur, MP Prior Environment Clearance for Basalt/Boulder & Crusher Stone Quarry in an area of 1.31 ha. (52,650 cum per annum) (Khasra No. 105P), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur (MP).

This is case of Basalt/Boulder & Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 105P), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur (MP) 1.31 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. NIL dated: 22/01/19 has reported that there is 19 more mine operating or proposed within 500 meters around the said mine with total area of 38.44 ha., including this mine.

The case was presented by the PP and their consultant in 377th SEAC meeting dated 02/07/2019, being it's a case Stone Quarry with total area of 38.44 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. Hydro-geological study is to be done as mining is proposed more than 30 meters depth.
2. River canal is situated at 440 meters in the north – east direction of the lease. PP will submit protection measures to avoid any harm due to blasting in the EIA report.

PP vide letter dated 23/11/19 has submitted revised form-1 for amendment in production quantity from 52,650 Cum/Year to 10,530 Cum/Y which is forwarded by SEIAA vide letter NO. 3328/SEIAA/19 dated 27/11/19

Based on above submission this 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.

6. **Case No. – 6693/2019 Shri Abhishek Jain S/o Shri Ashok Kumar Jain, Bajrang Ward, Gandhi Nagar, Dist. Mahoba, UP – 210427 Prior Environment Clearance for Stone Quarry in an area of 1.650 ha. (80,500 cum per annum) (Khasra No. 584P), Village - Tikari, 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. 584P), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 1.650 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 Assistant Mining Officer (Collector Office Chhatarpur) letter No. 2496 dated: 03/06/19 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine total area of 12.40 ha., including this mine.

The case was presented by the PP and their consultant, wherein following details were submitted by PP.

SALIENT FEATURES OF THIS PROJECT:

S.No	Particulars	Details
1	Village	Tikari
2	Tehsil /District	Gaurihar / Chhatrapur
3	Lease area	1.650
4	Leasee	Abhisek Jain
5	Present status	Fresh lease awaiting for EC & CTE/CTO
6	Mining Plan	Approved vide letter no. 1389 dtd. 04.06.19
7	Land use	Govt. waste land
8	Khasra No./ Toposheet	Khasra No. 584 P , Toposheet – 63C/3
9	Others mines is 500m radius	06Mines (Total Area – 10.750 ha) as per MO Letter
10	Proposed Capacity	80500 cum per annum
11	Total Mineral Resources	425125 Cum.
12	Prefeasibility Mineral Resources	52,297 cum.
13	Life of Mine	4.6 years

During presentation it was submitted by PP/consultant that the site is at Hillock with approximately 40 meters high. It was further submitted by the PP/consultant that on the eastern side of the lease a water body is in existence and on the northern side of the lease habitations are in existence for which adequate protection plan will be proposed in the EIA report. During presentation was observed by the committee that mining is to be carried out from a hillock of approx. 40 meters high thus haul road with gradient shall be discussed in the EIA report.

Committee after deliberations decided that being it's a case Stone Quarry with cluster area of > 5.00 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:-

1. That the lease area is falling on the hillock which is having height of approximately 40 meters also to carry out mining of stone is in such a hillock where gradient is slightly

high involves safety and mechanical risks. Thus proposed safety measures shall be discussed in the EIA report.

2. PP will submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
3. Proposed evacuation route with gradient shall be discussed in the EIA report as site is located on a hillock of 40.0 meters high.
4. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
5. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
7. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
8. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
9. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

7. **Case No. – 6691/2019 Shri Mardan Singh Dhakad S/o Shri Mansingh Dhakad, Ward No. 12, Infront of Post Office, Tehsil & Dist. Raisen, MP – 464551 Prior Environment Clearance for Flagstone Quarry in an area of 3.50 ha. (632.80 cum per annum) (Khasra No. 254/1), Village - Murel Kalan-3, Tehsil - Raisen, Dist. Raisen, (MP).**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 254/1), Village - Murel Kalan-3, Tehsil - Raisen, Dist. Raisen, (MP) 3.50 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 Ekal Praman-Patr (Collector Office) letter dated: 20/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 2.03 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. During presentation it was observed by the committee that as per in Eakal Praman Patra issued by letter no. 1225 dated 20/11/2017, the distance from national Parks/Abhayaran is not mentioned and thus the PP was asked to submit above details. PP vide letter dated 09/12/2019 have submitted the response which was found adequate. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 632.80 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.93 Lakh as capital and Rs. 2.33 Lakh/year. Under CER Rs. 0.25 Lakh/ year has proposed.

8. Case No. – 6692/2019 M/s New Balaji Construction, Prop. Shri Sunil Choudhary S/o Shri Ghisalal Choudhary, 288, Village - Khandwa, Tehsil - Pithampura, Dist. Dhar, MP – 454775 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (28,830 cum per annum) (Khasra No. 405/1/1), Village - Khandwa, Tehsil - Pithampur, Dist. Dhar, (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 405/1/1), Village - Khandwa, Tehsil - Pithampur, Dist. Dhar, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Officer letter No. 2357 dated: 13/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 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
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Habitation	60	West	<ul style="list-style-type: none">• Protection plan is needed• No drilling & Blasting proposed
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The case was presented by PP and their consultant wherein it was suggested by the committee that mining should start from North –East to South-West in order to protect the nearest habitation. PP further submits that all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries and No drilling and blasting is proposed. After presentation the committee asked to submit following details:

- Commitment that mining shall start from North –East to South-West in order to protect the nearest habitation.

PP has submitted the response of above quarries same date vide letter dated 09.12.2019, 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 Murrum Quarry 28,830 cum annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.82 Lakh as capital and Rs. 2.58 Lakh/year. Under CER Rs. 0.65Lakh/ year has proposed.

9. **Case No. – 6690/2019 Shri Manish Kumar Shukla, 23, New Jivaji Nagar, P&T Colony, Thatipur, Dist. Gwalior, MP – 473551 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (8,265 cum per annum) (Khasra No. 335/min-3), Village - Enwara, Tehsil - Badaswas, Dist. Shivpuri, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 335/min-3), Village - Enwara, Tehsil - Badaswas, Dist. Shivpuri, (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 Office letter dated: 15/07/15 has reported that there are no more mines operating or proposed within 500 meters around the said 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.

10. Case No. – 6695/2019 M/s Shri Ramraja Granite, Prop. Shri Devendra Shivhare, Indira Nagar, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Stone Quarry in an area of 1.692 ha. (32,291 cum per annum) (Khasra No. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, 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. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, (MP) 1.692 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. 1939 dated: 08/04/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 12.492 ha., including this mine.

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

SALIENT FEATURES OF THIS PROJECT:

Name of Proponent	M/s Ramraja Granite
Full correspondence address of proponent	R/o - H.No.: Indira Nagar, Kabrai, District – Mahoba, (U.P.)
Name of Project	“Crusher Stone (Granite) Mine”
Project location (Plot/Khasra/Gate No.)	Khasra No. 1392/1/Ka, Area- 1.692 Ha, Village- Didwara, Tehsil- Lavkush Nagar, District- Chhatarpur, State- M.P.
Name of Minor Mineral	Stone Mining Project

Type of Land	State Government Land		
Sanctioned Lease Area (in Ha)	1.692 Ha.		
Schedule (as per EIA notification 2006)	1(a)i		
Category of Project	B(1) as the project comes under the Cluster		
	S. No.	Khasra No.	Area (Ha)
	1	1391	4.000
	2	1391	1.350
	3	1391	4.000
	4	1391	1.450
		Total	10.800 Ha.
	Therefore as per MoEF&CC, GOI O.M. No. L-11011/175/2018-IA-II (M) Dated: 12/12/2018 if a cluster or an individual lease exceeds 5.0 Ha (Cluster Certificate attached as Annexure) the EIA/EMP be made applicable in the process of grant of prior Environmental Clearance.and we have applied it under Cat-B1.		
Proposed Production	Proposed maximum production is 41085 m3/annum		
Method of Mining	Open Cast, Semi-mechanized		
Sanctioned Period of Mine lease	Lease Valid upto 10 years Vide Letter No. क्रमांक/ 3459/ खनिज/2018, दिनांक : 24.07.2018		

During presentation it was submitted by PP that some trees are in lease but actually these are shrubs, however, they will provide the inventory of all existing trees/shrubs in the EIA report. PP further submitted that the lease is located on a hillock which is approx. 16 meters high.

Committee after deliberations decided that being it's a case Stone Quarry with cluster area of > 5.00 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:-

1. That the lease area is falling on the hillock which is having height of approximately 16 meters also to carry out mining of stone is in such a hillock where gradient is slightly high involves safety and mechanical risks, PP will address such issued in the EIA report.
2. Some trees observed within the lease. PP will submit inventory of these trees with details of girth, species, photographs, and further plan for protection. .
3. Proposed evacuation route with gradient shall be discussed in the EIA report as site is located on a hillock of 16.0 meters high.
4. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
5. Actual distance of site from school and isolated habitations with their protection plan shall be submitted in EIA report.
6. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
7. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
8. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
9. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
- 10.If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

11. Case No. – 6694/2019 Shri Bhagwat Singh Hada S/o Shri Mohan Singh Hada, Village-Lambha Kho, Tehsil - Bundi, Dist. Bundi, Raj., Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (30,000 cum per annum) (Khasra No. 1277), Village - Fusria, 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. 1277), Village - Fusria, 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 Office letter No. 562 dated: 10/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>90	-	-

After presentation the committee asked to submit following details:

- Revised CER with addition to budgetary provision for traffic awareness training.

PP has submitted the response of above quarries same date vide letter dated 09.12.2019, 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. per annum.
2. A budgetary provision for Environmental management Plan of Rs. 27.235 Lakh as capital and Rs. 3.28 Lakh/year and under CER Rs. 0.60 Lakh/ year has proposed.

12. Case No. – 6696/2019 Shri Suresh Singh Lodhi, Village - Barry, Post - Dhanora, Tehsil - Khurai, Dist. Sagar, MP - 470001 Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (5,000 cum per annum) (Khasra No. 326), Village - Basahari, Tehsil - Khurai, Dist. Sagar, (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 326), Village - Basahari, Tehsil - Khurai, Dist. Sagar, (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 Ekal Praman-Patr (Collector Office) letter No. 377 dated: 08/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 5,000 cum. per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.94 Lakh as capital and Rs. 1.64 Lakh/year and under CER Rs. 0.80 Lakh/ year has proposed.

13. Case No. – 6699/2019 M/s Tirupati Minerals, Shri Atul Jadodiya, Village - Bodla, Tehsil - Sardarpur, Dist. Dhar, MP – 452009 Prior Environment Clearance for Stone Quarry in an area of 3.50 ha. (Stone- 29,441 cum per annum, Murrum – 10,737 cum per annum) (Khasra No. 493), Village - Bodla, Tehsil - Sardarpur, Dist. Dhar, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 493), Village - Bodla, Tehsil - Sardarpur, Dist. Dhar, (MP) 3.50 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. 1965 dated: 02/08/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation PP has submitted copy of Form –II for Stone- 29,441 cum per annum, Murrum – 10,737 cum per annum to SEIAA and submitted a copy to SEAC and requested that Murrum should be added in the quantity along with stone.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees	Within lease	-	Commitment for no tree falling

After presentation the committee asked to submit following details:

- Commitment that no tree falling is proposed.
- Inventory of crop being grown and yield.
- Revised CER with addition to budgetary provision for traffic awareness training for the villagers, as suggested by the committee.
- Revised plantation species as suggested by committee.

14. Case No. – 6701/2019 M/s J.J.Granite, Partner, Smt. Madhu Jain W/o Shri Anil Kumar Jain, 125, Sharda Vihar Colony, Dist. Gwalior, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.380 ha. (45,276 cum per annum) (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP) 2.380 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-97 dated: 11/04/19 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine total area of 33.891 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.

15. Case No. – 6700/2019 Shri Arun Kumar Jain, Tehsil - Chanderi, Dist. Ashok Nagar, MP – 473338 Prior Environment Clearance for Flag Stone Quarry in an area of 1.849 ha. (1,200 cum per annum) (Khasra No. 74, 79/1, 79/2), Village - Vikrampur, Tehsil - Chanderi, Dist. Ashok Nagar, (MP)

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 74, 79/1, 79/2), Village - Vikrampur, Tehsil - Chanderi, Dist. Ashok Nagar, (MP) 1.849 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. 490 dated: 22/08/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 4.812 ha., including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the forest NOC submitted by PP is issued by SDFO instead of DFO. As per Google image based on coordinates provided by PP, it was observed by committee that entire lease area is surrounded by lush green agriculture land from northern and western side of lease and mining on this area will affect agricultural practices in surrounding areas. Hence, committee after deliberation recommends not to grant EC for this lease.

16. Case No. – 6704/2019 Smt. Kanchan Devi Vais, Village - Shivpurwa, Post - Misirgawan, Dist. Singrauli, MP – 457661 Prior Environment Clearance for Stone Quarry in an area of 4.25 ha. (30,164 cum per annum) (Khasra No. 395 (Part)), Village - Naugai, Tehsil - Chitrangi, 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. 395 (Part)), Village - Naugai, Tehsil - Chitrangi, Dist. Singrauli, (MP) 4.25 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. 60 dated: 12/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein during presentation as per Google image based on coordinates provided by PP, it was observed by committee that on two parts (eastern and western) of the lease is covered by trees. PP submitted that these are "Sendha" trees and eastern side of the lease is declared as non-mining area. Also, Tehsildar letter in his Ekal Praman Patra (issued vide letter no 2350 dated 24/07/2018) has mentioned that 120 trees of "Sendha" are in existence on the lease. Committee after deliberations decided to carry-out site visit for further consideration of this case.

17. **Case No. – 6702/2019 M/s Sudma Construction Pvt. Ltd, Director, Shri Rajeev Sharma S/o Shri Harishankar Sharma, Line No. 12, Birla Nagar, Dist. Gwalior, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.00 ha. (23,520 cum per annum) (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (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. QL-60 dated: 11/04/19 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine total area of 30.511 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.

18. **Case No. – 6176/2019 Shri Govind Rai, Tar Ahata, Tehsil & Dist. Hoshangabad, MP Prior Environment Clearance for Stone Quarry in an area of 0.971 ha. (8,000 cum per annum) (Khasra No. 308/1P), Village - Samnapur Kalan, Tehsil - Goharganj, Dist. Raisen (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 308/1P), Village - Samnapur Kalan, Tehsil - Goharganj, Dist. Raisen (MP) 0.971 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. 220 dated: 12/03/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.852 ha., including this mine.

The case was presented by the PP and their consultant in 372nd SEAC meeting dated 22/05/2019. During presentation as per Google image PP stated that the displayed lease was not the actual lease which belongs to him. Committee observed that there is variation in co-ordinates. Thus PP was asked to submit the corrected coordinates of site duly verified by the competent authority for further consideration of the case.

This case was scheduled for the presentation and discussion in 390th SEAC meeting dated 10/08/2019 as PP has submitted the revised co-ordinates of the lease boundary which were asked by the committee in 372nd SEAC meeting dated 22/05/2019 and the same was placed before committee. Committee after deliberation found that submitted revised co-ordinates are not authenticated by the competent authority and the same was not found to be acceptable by the committee. Hence PP was asked to submit revised co-ordinates duly approved by the competent authority for further consideration of this case.

In above context, PP has submitted revised coordinates vide dated 05.12.2019.

The case was presented by the PP and their consultant wherein as per Google image based on revised coordinates provided by PP, committee observed that the most parts of the lease is excavated / mined out. PP submitted that they have mined out the area in the year 2012 and since then no mining is carried out by him. Committee backtrack the previous Google images wherein it was observed that in the year 2013 most parts of the lease was almost flat and by 2018 > 50% of the lease area seems to be excavated. Committee after deliberations recommends that it's a case of violation and EC at this stage cannot be considered for this project.

19. Case No. – 6703/2019 Shri Kailash Chand Sharma S/o Shri Ratan Lal Sharma, R/o. Kanya Shala Road, Sitapur Basti, Tehsil - Sabalgarh, Dist. Morena, MP Prior Environment Clearance for Murrum Quarry in an area of 1.00 ha. (6,000 cum per annum) (Khasra No. 524), Village - Pahadi, Tehsil - Sabalgarh, Dist. Morena, (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 524), Village - Pahadi, Tehsil - Sabalgarh, 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 Office letter No. NIL dated: NIL 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 during presentation as per Google image based on coordinates provided by PP, it was observed by committee that within the lease scattered tree are seen, for which PP submitted that these are shrubs not trees. Committee asked PP to provide photographs to ascertain the tree's canopy size, than after case will be appraised for further consideration.

PP has submitted the response of above quarries same date vide letter dated 09.12.2019, in which PP submitted that photographs of the lease area and informed that these are dense bushes not trees and PP has proposed 480 trees along the green belt of the lease boundary i.e. in the barrier zone, another 360 plants to be planted in the nearby school and 360 plants proposed along the approach road. The query reply, 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 Murrum Quarry 6,000 cum annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.03 Lakh as capital and Rs. 2.31 Lakh/year. Under CER Rs. 0.65Lakh/ year has proposed.

20. Case no.- Nil, EC Issued by DEIAA, Sarpanch Gram Panchayat, Babri, Tehsil-Seoni Malwa Distt. Hoshangabad (DEIAA Hoshangabad) Approval of EMP of Sand Mine in an area of 4.0 ha (48,600 Cum/Year) at Village – Babri, Tehsil – Seoni Malwa, Distt. Hoshangabad.

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 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.

DISCUSSION BASED ON SITE VISIT REPORT

21. **Case No. – 6348/2019 M/s Kutch Chemical Industries Ltd, Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP Prior Environment Clearance for Proposed Project for Manufacturing of Synthetic Organic Chemicals at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP.**

This is a case Prior Environment Clearance for Proposed Manufacturing of Synthetic Organic Chemicals (Capacity – 8300 MTPM) at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP.

BACKGROUND

The case was presented by PP and their consultant in the 392nd SEAC meeting dated 29/08/2019 wherein committee deliberated that the existing dye & dyes intermediate industries in Meghnagar IA are unable to manage the wastes properly and situation in Meghnagar IA is critical. PP stated that the proposed manufacturing of dye & dyes intermediate will be based on hydrogenation based technique avoiding generation of iron sludge considering the current situation in Meghnagar I.A.

During presentation it was observed that the project site is not matching with the coordinates mentioned in the file which was taken up seriously by the committee. Committee advised PP and consultant to carefully verify all the content of the file before submission as both are responsible for providing factual information in the case file. After deliberations, PP was asked to submit all the actual corner coordinates of the site.

Committee after deliberation decided that ToR will be recommended after site visit by the sub-committee of SEAC as per directions issued by SEIAA vide letter no 1269 dated 06/12/2017 and verification of actual site by the committee.

Sub-committee comprising of Dr. Mohd. Akram Khan and Dr. J.P. Shukla, Member SEAC M.P. visited the site on 23/11/2019 along with Dr. Abhaya K. Saxena, Senior Scientific Officer, MPPCB, Bhopal. During site visit representatives of PP Shri Ashok Jain, Production Manager along with their other staffs was also present.

Salient Features of this project:

Name of Project	A manufacturing unit of Synthetic Organic Chemicals
Category of project	5(f) Cat. B
Project Location	Plot 189,191, 192 AKVN Industrial Area Meghnagar, District Jhabua, MP.
Total Plot Area	14810 sqm.
Proposed Production Capacity	8300 MTPM
Project Cost	Rs. 20 Crores
Man Power	150 persons

OBSERVATION

On perusal of the case file it was observed by the sub-committee that PP vide letter dated 30/09/2019 has submitted the revised form-1 and PFR with corrected co-ordinates of the site which was forwarded by SEIAA vide letter no. 3085/SEIAA/19/dated 13/11/2019. On perusal of revised form-1 and PFR it was observed by committee that both the documents are submitted unsigned by PP or authorized signatory.

The proposed unit is located on Plot 189,191, 192 AKVN Industrial Area Meghnagar, District Jhabua, MP with total plot area of 14,810 sq. meters. During site inspection it was observed by the committee that the site is located on the eastern side of the Meghnagar IA. The allotted area close to the Amlipather Talab and as per the contour, it appears that any accidental discharge will flow towards Amlipathar Talab. Considering the past incidents in

the Meghnagar IA committee recommends that PP shall submit an affidavit that the proposed manufacturing of dye & dyes intermediates will be based on hydrogenation based technique avoiding generation of iron sludge before issuance of TOR as even with the revised form-1 and summery PP has shown generation of Iron sludge. PP was also instructed by committee to plan the drainage pattern of the plot in such a way that even the surface runoff shall meet the existing drainage channels (western side of the allotted plot) of Meghnagar IA thus avoiding any possibility of any discharge in the Amlipather Talab.

During site inspection PP was also instructed to consider safety related issues on top priority associated with production of dye & dyes intermediates through hydrogenation based technique. PP submitted that they are producing dye & dyes intermediates through hydrogenation based technique in another plant located in Gujarat state and having adequate experience for handling this technology. Sub-committee also recommends that if time permits, the plant managed by PP in Gujarat state producing dye & dyes intermediates through hydrogenation based technique may also be visit for better clarity about the process, safety related issues and waste handling.

RECOMMENDATIONS

After site visit following recommendations are made by the sub- committee:-

- (1) PP shall submit an affidavit that the proposed manufacturing of dye & dyes intermediates will be based on hydrogenation based technique avoiding generation of iron sludge.
- (2) Plan the drainage of the plot in such a way that even the surface runoff shall meet the existing drainage channels (western side of the allotted plot) of Meghnagar IA thus avoiding any possibility of any discharge in the Amlipather Talab.
- (3) Consider safety related issues on top priority associated with production of dye & dyes intermediates through hydrogenation based technique.
- (4) Sub-committee also recommends that if time permits, the plant managed by PP in Gujarat State producing dye & dyes intermediates through hydrogenation based technique may also be visit by a sub-committee of SEAC for better clarity about the process, safety related issues and waste handling.

- (5) Revised form-1 and PFR submitted by PP vide letter dated 30/09/2019 shall be signed by the authorized signatory or PP.

The above site inspection report of sub-committee was placed before the committee for perusal and necessary action. After perusal and deliberations decided that as per the recommends of sub-committee, PP may be asked to provide necessary information (as detailed out in above point no. 01, 02, 03 and 05) and also to submit duly signed documents such as form-1 and PFR for further consideration of this case.

22. Case No. – 6393/2019 M/s Panoli Intermediates (India) Pvt. Ltd, F-108, Mohta Building, 4, Bhikhaji Kama Place, New Delhi – 110066. Prior Environment Clearance for Manufacturing of Synthetic Organic Chemicals Proposed Capacity 8,000 MTPA, at Plot No. 108B, 190, Meghnagar Industrial Area, Dist. Jhabua, MP.

This is a case Prior Environment Clearance for Proposed Manufacturing of Synthetic Organic Chemicals (Capacity – 8000 MTPM) at Plot No. 108B, 190, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP.

BACKGROUND

The case was presented by PP and their consultant in the 392nd SEAC meeting dated 29/08/2019 wherein committee deliberated that the existing dye & dyes intermediate industries in Meghnagar IA are unable to manage the wastes properly and situation in Meghnagar IA is critical. PP stated that the proposed manufacturing of dye & dyes intermediate will be based on hydrogenation based technique avoiding generation of iron sludge considering the current situation in Meghnagar I.A.

During presentation it was observed that the co-ordinate of project site is not provided with the case file which was taken up seriously by the committee. Committee advised PP and consultant to carefully verify all the content of the file before submission as both are responsible for providing factual information in the case file. After deliberations, PP was asked to submit all the actual corner coordinates of the site.

Committee after deliberation decided that ToR will be recommended after site visit by the sub-committee of SEAC as per directions issued by SEIAA vide letter no 1269 dated 06/12/2017 and verification of actual site by the committee.

Sub-committee comprising of Dr. Moh. Akram Khan and Dr. J.P. Shukla, Member SEAC M.P. visited the site on 23/11/2019 along with Dr. Abhaya K. Saxena, Senior Scientific Officer, MPPCB, Bhopal. During site visit representatives of PP Shri Ashok Jain, Production Manager along with their other staffs was also present.

Salient Features of this project:

Name of Project	A manufacturing unit of Synthetic Organic Chemicals at Plot 108 B, 190 Industrial Area Meghnagar District Jhabua, MP
Project Location	Plot 108 B, 190 Industrial Area Meghnagar District Jhabua, MP
Total Plot Area	12519 sqm
Proposed Production Capacity	8000 MTPA
Project Cost	Rs. 20 Crore
Power Supply	2000 KVA Source MPSEB , backup DG 2x 1000 KVA
Water Consumption	1330 KLD (Source: AKVN)
Man Power	150 Persons

OBSERVATION

On perusal of the case file it was observed by the sub-committee that PP vide letter dated 30/09/2019 has submitted the revised form-1 and PFR with corrected co-ordinates of the site which was forwarded by SEIAA vide letter no. 3083/SEIAA/19/dated 13/11/2019. On perusal of revised form-1 and PFR it was observed by committee that both the documents are submitted unsigned by PP or authorized signatory.

The proposed unit is located on Plot 108 B, 190 AKVN Industrial Area Meghnagar, District Jhabua, MP with total plot area of 12,519 sq. meters. During site inspection it was observed by the committee that the site is located on the eastern side of the Meghnagar IA. The allotted area close to the Amlipather Talab and as per the contour, it appears that any accidental discharge will flow towards Amlipathar Talab. Considering the past incidents in the

Meghnagar IA committee recommends that PP shall submit an affidavit that the proposed manufacturing of dye & dyes intermediates will be based on hydrogenation based technique avoiding generation of iron sludge before issuance of TOR as even with the revised form-1 and summery PP has shown generation of Iron sludge. PP was also instructed by committee to plan the drainage pattern of the plot in such a way that even the surface runoff shall meet the existing drainage channels (western side of the allotted plot) of Meghnagar IA thus avoiding any possibility of any discharge in the Amlipather Talab.

During site inspection PP was also instructed to consider safety related issues on top priority associated with production of dye & dyes intermediates through hydrogenation based technique. PP submitted that they are producing dye & dyes intermediates through hydrogenation based technique in another plant located in Gujarat state and having adequate experience for handling this technology. Sub-committee also recommends that if time permits, the plant managed by PP in Gujarat state producing dye & dyes intermediates through hydrogenation based technique may also be visit for better clarity about the process, safety related issues and waste handling.

RECOMMENDATIONS

After site visit following recommendations are made by the sub- committee:-

- (1) PP shall submit an affidavit that the proposed manufacturing of dye & dyes intermediates will be based on hydrogenation based technique avoiding generation of iron sludge.
- (2) Plan the drainage of the plot in such a way that even the surface runoff shall meet the existing drainage channels (western side of the allotted plot) of Meghnagar IA thus avoiding any possibility of any discharge in the Amlipather Talab.
- (3) Consider safety related issues on top priority associated with production of dye & dyes intermediates through hydrogenation based technique.
- (4) Sub-committee also recommends that if time permits, the plant managed by PP in Gujarat State producing dye & dyes intermediates through hydrogenation based technique may also be visit by a sub-committee of SEAC for better clarity about the process, safety related issues and waste handling.

- (5) Revised form-1 and PFR submitted by PP vide letter dated 30/09/2019 shall be signed by the authorized signatory or PP.

The above site inspection report of sub-committee was placed before the committee for perusal and necessary action. After perusal and deliberations decided that as per the recommends of sub-committee, PP may be asked to provide necessary information (as detailed out in above point no. 01, 02, 03 and 05) and also to submit duly signed documents such as form-1 and PFR for further consideration of this case.

(Dr. Sonal Mehta)
Member

(Dr. A.K. Sharma)
Member

(Dr. Rubina Chaudary,)
Member

(Dr. Jai Prakash Shukla)
Member

(R.S.Kori)
Secretary

(Dr. Mohd. Akram Khan)
Co-Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/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 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.

Annexure- 'C'

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

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

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

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. 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 and Heavy Metals 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 obtain.