

The 425th meeting of the State Expert Appraisal Committee (SEAC) was held on 26th February, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

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

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

1. **Case No. – 5675/2018 M/s Triveni Lime, Village - Padrehi, Tehsil - Vijayraghgarh, DIst. Katni, MP – 483501) Prior Environment Clearance for Limestone Mine in an area of 4.770 Ha. (98972 MT per annum) (Khasra no. 91, 92, 93) at Village - Padrehi, Tehsil - Vijayraghgarh, DIst. Katni, MP – 483501.**

This is case of Limestone Mine. The proposed site is located at (Khasra no. 91, 92, 93) at Village - Padrehi, Tehsil - Vijayraghgarh, DIst. Katni, MP - 483501 (MP) 4.770 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 119 dated 01/5/2018.

Earlier this case was presented by PP and their consultant in 314th SEAC Meeting dated 10/05/2018, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 15/01/2020 which was forwarded through SEIAA vide letter no. 4425 dated 17/02/2020.

The case was presented by the PP and their consultant wherein PP presented chronology of the project:

- The land entering permission for quarry lease in favour of Mr. Satish Kumar Jain was issued on letter no Q/R/Addi.Coll./77 Katni dated 14/04/1977, subsequently the mining lease was first granted in favour of Mr. Satish Kumar Jain, via M.P government letter no 4745/3887/12 Bhopal dated 31.08.1981 on Khasra no's P39, P43, P44 and P45 for respective areas 3.137 ha, 2.326ha, 1.416 ha and 1.214 ha over an area of 8.093 ha in village Padrehi, Tehsil-Vijayraghgarh, District Katni, Madhya Pradesh, for 20yrs i.e.

from 02/03/1982 to 01/03/2002. Later Mr. Satish Kumar Jain transferred the lease to M/s. Triveni Lime Katni via letter no 3/153/89/12/2 Bhopal dated 14.03.1990 and transfer of mining lease agreement was made in 03.05.1990 and supplementary agreement registration made on dated 05.09.1990.

- As per MMDR (Amendment act) 2015 was effective from dated 12.01.2015 & DGM M.P. Bhopal letter no F-19-5/2015/12-1 dated 12.03.2015 mining lease renewal application were not entertained, under the rule of 8a(5) and 8a(6) lease period will extend for 50 years from the date of execution of lease.
- Subsequently direction made by Directorate of Geology and Mining Bhopal via letter no F-3-153/ 1989/ 12/ 2 Dated 10.07.2015, lessee has signed a supplementary agreement for the compliance of the MMDR amendment act 2015 and lease period has been extended from the date 02.03.2002 to 01.03.2032 for 30 years.
- Due to not having NOC from forest department mining and related activities like preparation and submission of scheme of mining plan were not done so that the period from 2008-09 to 2015-16 consider as a lapse period. Later Forest department issued the NOC vide letter no. S. MANCHITRAKAR / 2859, KATNI, dated 08.05.2017.
- Now the Review for Approved Mining Plan for Padrehi Limestone Mine over an area of 4.770 hectare of lessee M/s Triveni Lime, Raghunathganj, Katni (MP), situated at Village-Padrehi, Tehsil- Vijayraghoharh, District-Katni of State-Madhya Pradesh is being submitted under the Rule17 (1) of Minerals (Other than Atomic & Hydro Carbons Energy Minerals) Concession Rules 2016.

During presentation it was observed by the committee through Google image that it's an existing mine wherein two water filled pits are existing PP stated that no mining shall be carried out in the pit which is in the northern side of the lease also about 15 trees are existing within mine lease for which PP stated these trees are proposed for failing and for which 10 times additional trees shall be proposed against failing as compensatory plantation. After presentation, PP was asked to provide response on following:

1. Location of pit- 1 and pit- 2 on surface map.
2. Year-wise production details since mine inception.
3. Undertaking from PP that no mining shall be carried out in the pit which is in the northern side of the lease.
4. Undertaking from PP that 15 trees are existing within mine lease and these trees are proposed for failing for which 10 times additional trees i.e. 150 nos. shall be proposed against trees failing as compensatory plantation.
5. Revised calculation of mineral reserve with estimated mine life based on reserve.
6. PP will submit mine discharge plan and impacts of blasting as these issues rose in public hearing.

7. PP will submit per day production with dumper capacity, no. of trips on evacuation route w.r.t. this mine.
8. Actual mining depth to be attained in the conceptual period.
9. A short note on blasting parameters with type of explosive used.

PP vide their letter dated 26.02.2020 submitted query reply, wherein PP submitted that mining shall be done only under 4.77 new demarcated lease area with the approval of mining plan of IBM. Also regarding mine discharge PP submitted that there is no major river within the lease as well as in the buffer area, few seasonal nallah originating from the Kymore range flow down the escarpment and passes through the lease area, all the nallah drains into the Katni-Mahanadi River which is about 15 KM from the lease area. The all other queries received from the PP which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for approval of Limestone Mine in an area of 4.770 Ha. (98,972 MT per annum) (Khasra no. 91, 92, 93) at Village - Padrehi, Tehsil - Vijayraghgarh, Dist. Katni, MP – 483501, subject to the following special conditions:

PRE-MINING PHASE

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

(A) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4770 trees shall be planted on barrier zone, backfilled area and along the transportation route (out of which 2550 Plants will be planted in nearby villages with the help of Gram Panchayat.
21. Additional 150 trees will be planted against felling of 15 existing trees within the lease area.
22. Transportation of material shall be done in covered vehicles.
23. Transportation of minerals shall not be carried out through forest area.
24. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
25. 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 Periphery drainage will be 1096 M X 1M X 1M. The settling tank will be 01 in number of size 6m x 5m x 4m with outer trench (200 M X 1M X 1M) .
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 over head sprinkler 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:

S. No.	Heads	Area in Ha		
		Present	End of Proposed Period	End of Conceptual Period
1	Total Area excavated (broken)	2.3663	4.1299	4.1299
2	Area fully mined out (out of 1)	0.2145	1.5476*	4.1299*
3	Area fully reclaimed (back filled) (out of 2)	-	1.5476*	1.5476*
4	Area rehabilitated out of 3 by afforestation, agricultural use,	-	1.5476*	1.5476*
5	Area rehabilitated by water harvesting	-	-	2.5823*
6	Area fully rehabilitated by bench/slope afforestation	-	-	-
7	Total Area under dumps	0.9330	-	-
8	Area under active dumps	-	-	-
9	Dump area fully rehabilitated out of 8)	-	-	-
10	Area under dead dumps	-	0.4495	-
11	Dump area fully rehabilitated out of 10)	-	-	0.4495
12	Area under mineral/mineral reject stack	-	-	-
11	Area under Road (Outside pit)	0.08	-	-
14	Area under Green belt (i.e. plantation on area other than	-	-	-
15	Area under Infrastructure	0.0029	0.0089	0.0089
16	Area under Tailing dumps	-	-	-
17	Area under any other use	-	-	-
18	Undisturbed area	1.1733	0.1817	0.1817
Total		4.7700	4.7700	4.7700

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.

(B) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 28.96 Lakh is proposed and Rs.5.98 Lakh /year as recurring expenses.
 35. Under CSR activity, Rs. 1.2 Lakh /year are proposed as capital and recurring expenses respectively 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. PP will comply with all the commitments made vide letter dated 26.02.2020.
 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. – 5684/2018 Shri Harish Khandelwal, S/o Shri Ranchordas Khandelwal, 138/G, Vallabh Bhai Patel Marg, Main Dhar Road, Ward No. 3, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Limestone Mining Project in an area of 4.502 Ha. (8,000 cum per annum) (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP).**

This is case of Limestone Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP) 4.502 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 740 dated 22/5/2018.

Earlier this case was scheduled for presentation and discussion in 315th SEAC meeting dated 18/06/2018 where ToR was recommended.

PP has submitted the EIA report vide letter dated 09/01/2020 which was forwarded through SEIAA vide letter no. 4023 dated 16/01/2020.

The case was scheduled for presentation in 423rd SEAC meeting dated 11/02/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 420th SEAC meeting dated 27/01/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant wherein PP presented chronology of the project:

Project name	Sitapuri Limestone Mine
Proposed capacity	8,000 cum/year of Limestone
Promoters of the Project	Shri Harish Khandelwal, Vallabh Bhai Patel Marg, Main Dhar Road, Ward no-3, Manawar, Tehsil-Manawar, District- Dhar, State- Madhya Pradesh
Location of project	Village- Sitapuri, Tehsil- Manawar, Dist-Dhar (MP)
Land use	Non-forest, Private, waste Land
Topo sheet No.	46N/3
Site elevation	250 m to 262 m AMSL
Lease validity	30 years, vide Sanction Order No.: F3-12/2014/12/1 Bhopal Dated 22/12/14 (Deemed to extend upto 50 years period under the provisions of The MM (D & R) Amendment Act, 2015.

TOR Letter	Issued vide letter no.193/PS-MS/MPPCB/SEAC/TOR (315)/2018 dated 10.07.2018.
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Salient Features of The Project

Particulars	Details
Type of Mine	Open Cast
Mining lease area	4.502 ha
Mineable area	3.7745 ha
Mineable reserve	2,70,920 cu.m.
Method of mining	Opencast semi-mechanized method
Elevation of lease area	250 m (SE) to 262 m (NW) AMSL
Ultimate Pit elevation	241 m AMSL to 253 m AMSL (9.0m bgl)
Ultimate Pit Slope	45°
Expected Life of Mines	34 years
Stripping Ratio	1:0.25
Mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	3.3634 ha (excluding reclaimed area)
Area to be backfilled by conceptual period	0.4111 ha
Area to be covered under plantation by conceptual period	0.7275 ha
General ground water table level	190 m AMSL (Source: CGWB)
Production per day @300 days	26.6 cum/day or 67.0 TPD
Truck loads per day (10 T)	7

PP also described blasting and drilling parameter:

- Mining will be done by opencast semi-mechanized method with controlled drilling and controlled blasting.
- Top soil (OB) is 0.2m will be removed by using either Pick axes (Kudali), Spade & square mouth shovels, or Scrapper, and will be stacked for the subsequent plantation during the mining plan period.
- Development by removing coralline limestone (waste rock) with average thickness of 0.8m in about 10,000 sqm area, for first five year during the mining plan period and stacked separately for reclamation.
- After removal of top soil and coralline limestone, production will start along the northeast boundary of the area and will be continued further southerly direction and at depth of 4.0m in nodular limestone deposit
- Sizing will be done manually by chisel and hammer then loading into the dumper/Tractor or tractor trolley.
- At the end of plan period, area of the pit will be 1.000 Ha., height of the bench will be 5m, and the pit level will be 246 to 250 m AMSL (5 m BGL).
- 5 m wide haulage roads will be maintained and developed at required places with gradient of 1:16.
- At conceptual stage, the excavated area will be approx. 3.8 ha., out of which, approx. 0.4 ha. will be reclaimed by back filling. Average depth of the pit will be 9 m BGL (241m to 250m AMSL).
- Limited Drilling and Blasting will be done, only when Nodular Limestone is found hard in nature.

Depth of drill hole	1.00 to 1.5 m depth
Dia of hole	34 mm
Burden	1.0 m
Spacing of hole	In row
Spacing of Hole	1.0 m
Yield i.e. Powder factor	7 Tonnes /Kg of explosive
Charge of Hole (slurry class 2)	125-250 grams cartridge/hole

Explosives required/month	485 Kg
Number of holes	12
Types of explosives	Ammonia Nitrate with diesel
Sequence on firing	Single Row firing
Storage of Explosives	The drilling & Blasting is on contractual basis and explosive used by contractor under explosives departments.

During presentation it was observed by the committee through Google image that a stop dam which is 200 meters in the south direction is located and a water channel about >300 meters in the west side of the lease. After presentation, PP was asked to provide response on following:

- Revised plantation species as suggested during presentation (substitute Sheesham tree species with plant like Sisoo & Khurasani Imli).
- Revised CER as suggested by committee during presentation.

PP vide their letter dated 26.02.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Limestone Mining Project in an area of 4.502 Ha. (8,000 cum per annum) (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4500 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 820 M X 2M X 1.5M. The settling tank will be two in number of size as 10m x 2m x 3 m.

25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

Description	Area in ha.		
	Present	End of the 5 year	End of the conceptual period
1 Area under Pits*	0.002	1.00	3.3634
2 Area under roads	0.041	0.00	0.00
3 Area under infrastructure	0.00	0.00	0.00
4 Area reclaimed by back-filling*	0.00	0.00	0.4111
5 Area under top soil Dump (temporary)	0.00	0.051	0.00
6 Area under Storage of limestone	0.00	0.00	0.00
7 Area under Waste Dump	0.0675	0.32	0.00
8 Area under Plantation (within barrier zone)	0.00	0.7275	0.7275
9 Unused Area	4.3915	2.4035	0.00
Total	4.502	4.502	4.502

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.

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

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 10.055 Lakh is proposed and Rs.11.00 Lakh /year as recurring expenses.
 34. Under CSR activity, Rs. 1.6 Lakh /year are proposed as capital and recurring expenses respectively in 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 with all the commitments made vide letter dated 26.02.2020.
 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 6819/2020 M/s Atul Polychem, 2nd Floor, Amit Apartment, E-5, Ratlam Kothi, Dist. Indore, MP – 452001 Prior Environment Clearance for Expansion in manufacturing of Synthetic Resin (From 2700 to 11,000 MT/annum) at Khasra No. 58/1/K, Village - Raokhedi, Post - Mangaliya, AB Road, Tehsil - Sanwer, Dist. Indore (MP). Cat. - 5(f)**

This is the case for Prior Environment Clearance for Expansion in manufacturing of Synthetic Resin at Khasra No. 58/1/k, Village - Raokhedi, Post - Mangaliya, AB Road, Tehsil - Sanwer, Dist. Indore (MP). The proposed project falls under item no 5(f).

The Executive Summary of the project:

Name of the project & its location: Atul Polychem. Atul Polychem proposes to expand manufacturing of Resins (From 2700 MT/annum to 11000 MT/annum) at Khasra No. 58/1/k, Village: Raokhedi, Post: Mangaliya, A.B. Road, Tehsil: Sanwer, District: Indore, Madhya Pradesh. Unit is currently engaged in manufacturing of various synthetic Resins and having valid CCA from MPPCB.

Project brief:

M/s. Atul Polychem is a working unit at Khasra No. 58/1/k, Village: Raokhedi, Post: Mangaliya, A.B. Road, Tehsil: Sanwer, District: Indore, Madhya Pradesh – 453771. Unit is currently engaged in manufacturing of various synthetic Resins. Current production capacity is 2700 MT/Annum. After expansion, capacity will be increased up to 11000 MT/Annum. Because of high market demand, the project proponent is willing to produce synthetic resin.

The production capacity of all four products is summarized below.

Sr. No.	Name of Products	Quantity (MT/Annum)		
		Existing (As per CCA)	Proposed addition	Total after expansion
1.	Synthetic Resin	2700	8300	11000
2.	Stand Oil	120.0	-120	0.0
Total		2820	8180	11000

- The proposed expansion will be carried out within the same premises. The unit is promoted by Mr. Ajay Patel. Unit has valid consent under the different environmental Act issued by MPPCB.
- The Cost of the project.297.5 Lacs
- Whether the project is in Critically Polluted area. No

Water consumption

Sr. No.	Source	Water Consumption Existing (KL/day)	Water Consumption After expansion (KL/day)
1.	Domestic	1.0	3.5
2.	Green Belt	1.0	2.0
3.	Industrial		
A	Process	0.0	0.0
B	Cooling	1.0	5.0
Total Industrial		1.0	5.0
Total (1 + 2 + 3)		3.0	10.5

Wastewater Generation

Sr. No.	Source	W/w Generation Existing (KL/day)	W/w Generation After expansion (KL/day)
1.	Domestic	0.6	2.0
2.	Industrial		
A	Process	1.0	3.5
B	Cooling	0.5	1.0
Total Industrial		1.5	4.5
Total (1 + 2)		2.1	6.5

Fuel Consumption

Sr. No.	Stack attached to	Fuel Type	Stack Height (m)	APC measures	Probable emission
Flue Gas Emission Existing Scenario*					
1.	Thermic Fluid Heater	Agro Briquette -	27	Bag Filter,	PM: 150 mg/Nm ³

Sr. No.	Stack attached to	Fuel Type	Stack Height (m)	APC measures	Probable emission
	(6 Lakhs kcal/hr.)	600 kg/day		Dust Collector	SO ₂ : 100 ppm NO _x : 50 ppm
2.	Thermic Fluid Heater (2 Lakhs kcal/hr.)	Agro Briquette - 450 kg/day	22	Bag Filter, Dust Collector	
3.	D G Set (185 KVA) (Stand by)	HSD: 35.0 lit/hr.	11	Acoustic Enclosure	
Process Gas Emission Existing Scenario					
Nil					
Flue Gas Emission Scenario After expansion					
1.	Thermic Fluid Heater (10 Lakhs kcal/hr.)	Agro Briquette - 4000 kg/day	27	Multi Cyclone Separator and Bag Filter	PM: 150 mg/Nm ³ SO ₂ : 100 ppm NO _x : 50 ppm
2.	Thermic Fluid Heater (4 Lakhs kcal/hr.)	FO: 1.5 Kl/day	21	Adequate Stack height	
3.	D G Set (185 KVA) (Stand by)	HSD: 45 lit/hr.	11	Acoustic Enclosure	
4.	D G Set (250 KVA) (Stand by)	HSD: 55 lit/hr.	11	Acoustic Enclosure	
Process Gas Emission Scenario After expansion					
Nil					

After expansion, unit will dismantle small capacity of Thermic Fluid Heater (6 Lakhs kcal/hr.) and (2 Lakhs kcal/hr.) and install one higher capacity of Thermic Fluid Heater (10 Lakhs kcal/hr.)

Sr. No.	Component	Description
1	Plant Location	Atul Polychem Khasra No. 58/1/k, Village: Raokhedi,

Sr. No.	Component	Description
		Post: Mangaliya, A.B. Road, Tehsil: Sanwer, District: Indore, Madhya Pradesh-453771
2	Approx Site Centre Point Coordinates	Latitude: 22°49'47.01"N Longitude: 75°56'14.78"E
3	Village/District/State	Indore, Madhya Pradesh
4	Climatic conditions at Indore	
5	Maximum temperature	41 ⁰ C
6	Minimum temperature	11 ⁰ C
7	Annual rainfall (total)	875-900 mm
8	Predominant wind directions	West, East, North West
9	Plant site elevation above MSL	553 m
10	Present land use at the site	Industrial Use
11	Nearest highway	NH 3 –Adjacent
12	Nearest Railway Station	Indore Railway Station – 14.5 km
13	Nearest Airport	Air Port: Indore - 17.0 km
14	Reserved/Protected Forests	Not Available within 10 km
15	Defense Installations	Not Available within 10 km

The case was presented by the PP and their consultant wherein PP stated that Atul Polychem is currently engaged in manufacturing of various synthetic Resins. Current production capacity is 2700 MT/Annum. After expansion, capacity will be increased up to 11000 MT/Annum. The proposed expansion will be carried out within the same premises. It's an existing unit with cumulative production capacity 2820 MTPA. Unit has valid CC&A valid up to Validity (W/A/H): 30/06/2021. Proposed project will be a small scale and no Rehabilitation and Resettlement is involved. PP further submitted that this plant is in operation since 1971 and thus have not obtained EC.

For proposed expansion PP submitted that no new area will be developed / constructed and additional reactors will be installed in the existing sheds. Thus proposed expansion does not involve any construction activity/ development of new area. Committee after deliberations decided that if possible, a site visit may be conducted to verify the statement of PP that enough space is available for the proposed expansion.

After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D. Committee also decided to carryout site visit (if possible) and additional TOR, if any will be issued after site visit:

1. Documentary proof in term of industry working since the year 1974.
2. Commitment from PP that the existing green area is 33 % and after expansion no additional construction will be taken up in the green area and only existing structure will be used for expansion.
3. Compatibility analysis shall be done and discussed in the EIA.
4. Public hearing may be conducted as per the provisions laid down in the EIA notification.
5. Documentary evidence with justification that the industry is not falling under the perview of polluted areas notified by CPCB.

4. Case No 6828/2020 M/s. Indore Municipal Corporation, 107, 109, First Floor, Palika Plaza, Dist. Indore, MP – 452007 Prior Environment Clearance for Construction Affordable Housing units (Total Plot Area = 41,920.00 sqm, Built up Area = 42,262.80 sqm) at Khasra no. 885/1/3, 878, Village - Kanadia, Tehsil & Dist. Indore, (MP)

This is the case for Prior Environment Clearance for Construction Affordable Housing units (Total Plot Area = 41,920.00 sqm, Built up Area = 42,262.80 sqm) at Village - Kanadia, Tehsil & Dist. Indore, (MP).

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

Project Activity	8(a) Building and Construction
Category	“B” (B2) Category B: ≥ 20,000 Sq. mtrs and < 1, 50,000 sq. mtrs. built up area.
Project Details	
Plot Area	Total Plot Area = 41920 m2 Net Plot Area: 34276 m2
Built Up area	Permissible Built-up Area: 51414m2 Proposed Built-up Area: 44797.52 m2
Type of project	Construction Proposed Gulmarg Parisar Phase-2 (Affordable Housing Project) by M/s. Indore Municipal Corporation

Project Cost	Rs. 128.00 Crores EMP Cost - Rs 5.04 Crores (Capital)
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Total Plot Area	41920.00 m ²
Permissible Built up area	51414 m ²
Proposed Built up area	44797.52 m ²
Estimated population	The total population of proposed project (residents + visitors) has been estimated around 5370 persons
Parking facilities	Open – 256 Nos. Stilt – 256 Nos. Total – 512 Nos.
Power requirement & source	About 5270 KW power will be required for the Project and it will be sourced from State Electricity Board.
Water requirement & source	Water Requirement: 694KLD Reuse of treated wastewater from STP : 500 KLD Source : Municipal Supply by Local Municipality
Sewage treatment	Sewage generated : 555 KLD Sewage treatment facility: STP of 700 KLD (2 x 350 KLD) is proposed
Total Solid waste generation	2583 kg/day (garbage)

Total Plot Area : 41920 m²
Total Deductions : 7644 m²
Net Plot Area: 34276 m²

Sr.No.	Particular	Area in Sqm	Area in %
1	Plinth Area (Ground Coverage)	7064.4	20.55
2	Green Cover Area	3445	10.00
3	Open area	3819.44	11.14
4	Road Area	11371.16	33.17
5	Others (Future Planning)	5427.71	15.83
	Total	34276	100

Built Area Details

Sr. No.	Particular	Area in Sq.m
a	1 BHK	39353.60
b	Shops	0
c	Stilt Parking	4919.76
d	Community Hall	169.52
	Total Built up Area	44797.52.8

PP stated that this project shall be replaced conventional material used in building construction projects, instead of these pre-fabric components (pre-casted) and sandwich panels will be used. RCC work will, be done only upto plinth level than after pre-fabric components/ material will be applied. During discussion, it was submitted by PP that they have got the T&CP approval revised wherein the constructed area of a unit is reduced. During appraisal of the project it was observed by the committee that PP has not attached with case file / in presentation, the complete floor plan & structural details. After presentation and deliberation PP was asked to submit following information for further consideration of the project:

- Revised T&CP approval and comparative analysis with the previous approval.
- Complete copy of NABL application as site is falling within 10 kms radius of the Ralamandal Abhayaran.
- Disposal plan of excavated top soil as top soil shall not be used for filling up of low lying areas.
- Will the existing land use get significantly altered from this proposed activity?
- Legible copy of proposed layout appended with the conceptual plan.
- Legible copy of proposed STP and details of its various components.
- 192 KLD treated waste water is proposed to be discharged through sewer line. What is the present status of sewer line in the project area?
- Can the excess treated waste water 192 KLD be reutilized for any other purpose such as city area gardening.
- In the STP, add disinfection unit as treated effluent water is proposed for re-used and recycle purpose.
- PP will submit depth of water table particularly of the post monsoon seasons.
- Details of plantation species proposed in green belt development with numbers.
- Report of borehole dug- out in recently.
- Copy of fire NOC.

5. Case No 6829/2020 M/s Indore Municipal Corporation, 107, 109, First Floor, Palika Plaza, Dist. Indore, MP – 452007 Prior Environment Clearance for Construction Affordable Housing units (Total Plot Area = 1,71,790.0 sqm, Built up Area = 1,26,694.52 sqm) at Village - Rangwase, Tehsil & Dist. Indore, (MP).

Prior Environment Clearance for Construction Affordable Housing units (Total Plot Area = 1,71,790.0 sqm, Built up Area = 1,26,694.52 sqm) at Village - Rangwase, Tehsil & Dist. Indore, (MP).

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

Project Activity	8(a) Building and Construction
Category	“B” (B2) Category B: ≥ 20,000 Sq. mtrs and < 1, 50,000 sq. mtrs. built up area.
Project Details	
Plot Area	Total Plot Area = 171790 m ²
Built Up area	Total Built-up Area: 126694.52 m ²
Type of project	Construction Proposed Tapti Parisar Phase-1 Part A (Affordable Housing Project) by M/s. Indore Municipal Corporation
Project Cost	Rs. 271.20 Crores EMP Cost - Rs 22 Crores (Capital)

Total Plot Area	171790.00m ²
Built up area	126694.52 m ²
Estimated population	The total population of proposed project (residents + visitors) has been estimated around 14120 persons
Parking facilities	Open – 314 Nos. Stilt – 952 Nos. Total – 1265 Nos.
Power requirement & source	About 4922 KW power will be required for the Project and it will be sourced from State Electricity Board.

Water requirement & source	Water Requirement: 1884 KLD Reuse of treated wastewater from STP : 1356 KLD Source : Municipal Supply by Local Municipality
Sewage treatment	Sewage generated : 1507 KLD Sewage treatment facility: STP of 1600 KLD (2 x 800 KLD) is proposed
Total Solid waste generation	7007.5 kg/day (garbage)

Total Plot Area -171790.00m²

Total Deductions : 81064 m²

Net Plot Area: 90726.00 m²

Sr.No.	Particular	Area in Sqm	Area in %
1	Plinth Area (Ground Coverage)	30472.72	33.58
2	Green Cover Area	21418.00	23.60
3	Open area	1829.28	2.04
4	Road Area	35742.00	39.39
5	Others (Community hall)	1264.00	1.39
	Total	90726	100

Sr. No.	Particular	Area in Sq.m
a	1 BHK	57087.36
b	2 BHK	69096.96
c	Shops	0
d	Stilt Parking	28542.94
e	Community Hall	510.2
	Total Built up Area	126694.52

PP stated that this project based on conventional material to be used in building construction projects. The Ralamanadal sanctuary is >10 KM from the site. During presentation as per Google image based on coordinates provided by PP, it was observed that the proposed site is

located on old mine pit which is highly undulating topography. Committee after presentation and deliberation PP was asked to submit following information for further consideration of the project.

- Disposal plan of excavated top soil as top soil shall not be used for filling up of low lying areas.
- Will the existing land use get significantly altered from this proposed activity?
- Legible copy of proposed layout appended with the conceptual plan.
- Legible copy of proposed STP and details of its various components.
- 528 KLD treated waste water is proposed to be discharged through sewer line. What is the present status of sewer line in the project area?
- Can the excess treated waste water 528 KLD be reutilized for any other purpose such as city area gardening.
- In the STP, add disinfection unit as treated effluent water is proposed for re-used and recycle purpose.
- PP will submit depth of water table particularly of the post monsoon seasons.
- Details of plantation species proposed in green belt development with numbers.
- Report of borehole dug- out in recently.
- Copy of fire NOC.

6. Case No. – 6732/2020 Shri Anil Pandey S/o Shri R.S.Pandey, Pandey Gas Agency, Gram and Post - Semariya, Sirmour, Dist. Rewa, MP – 486445 Prior Environment Clearance for Laterite and Ochre Deposit in an area of 4.90 ha. (58,380 tonne per annum) (Khasra No. 11/6P), Village - Bamhani Gadiha, Tehsil - Sirmour, Dist. Rewa (MP).

This is case of Laterite and Ochre Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 11/6P), Village - Bamhani Gadiha, Tehsil - Sirmour, Dist. Rewa (MP) 4.90 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 6085 dated 21/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees	Within lease	-	Drone videography of complete lease shall carried-out.

The case was presented by the PP and their consultant in 419th SEAC meeting dated 24/01/2020 wherein as per Google image based on coordinates provided by PP some trees are seems to be exists within lease area, in order to check the area available for material excavation committee asked PP shall submit drone videography of complete lease for further consideration of this project.

In this meeting the drone videography was shown by PP and their consultant as this query was asked in 419th SEAC meeting dated 24/01/2020. After viewing the drone videography committee observed that 10 trees which are being proposed for failing PP submitted that in lieu of this 10 times trees shall be planted as compensatory plantation on the barrier zone. And total 5100 trees will be planted in the Village Bamhani. After query reply presentation PP was asked to submit proposal for grazing land development in the nearby village.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 Laterite and Ochre 58,380 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.10 Lakh as capital and Rs. 6.01 Lakh/year. Under CER Rs. 01.0 Lakh/ year has proposed.

7. Case No 6850/2020 Jatashankar Minerals, Shri Subodh Dwivedi R/o Plot No. 22 Ward No. 26 Choubey Colony, Distt. Chhatarpur (M.P.) Prior Environment Clearance for Granite Deposit mine in an area of 2.125 ha. (3,500 cum/year) at (Khasra No. 2116 parts, Village – Chandla, Tehsil – Chandla Distt. Chhatarpur (M.P.)

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2116 parts, Village – Chandla, Tehsil – Chandla

Distt. Chhatarpur (M.P.) 2.125 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. 52 dated: 03/02/2020 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.125 ha including this mine.

The case was presented by PP and their consultant wherein 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
P Habitation	>50	North	No drilling and blasting is proposed, three rows of Plantation in this side.
Kachcha Road	>13	East	
03 Trees	Within lease	West	Commitment that no tree falling is proposed.

PP further stated that all mining operations shall be done by semi-mechanized method and no drilling and blasting is proposed only wire saw cutting method will be applied to cut the Granite stone in blocks, and mining operation will be done from south to north direction. After presentation the committee asked to submit following details:

1. Copy of DFO certificate.
2. Commitment of leaving 10 meters setback from the NE side due to kachha road.
3. Commitment for mine orientation from south to north considering habitations on the north side.
4. Revised plantation scheme for 2200 numbers of plants.

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 Granite 3,500 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 7.91 Lakh as capital and Rs. 4.03 Lakh/year. Under CER Rs. 02.0 Lakh has proposed.

8. Case No 6836/2020 Shri Haritpal Singh Hora, M/s GR Infraproject Ltd, GR House, Hiran Magri, Dist. - Udaipur, Raj. – 313002. Prior Environment Clearance for Stone Quarry in an area of 4.90 ha. (3,51,500 cum per annum) (Khasra No. 869/1min, 870, 987/min-1), Village - Takrawad, Tehsil - Shamgarh, Dist. Mandsaur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 869/1min, 870, 987/min-1), Village - Takrawad, Tehsil - Shamgarh, Dist. Mandsaur (MP) 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 688 dated: 06/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant wherein 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
Water body	>120 & 30	West	Provision of Garland drain & settling tanks.

PP further stated that, this lease was obtained under temporary permit (TP) with two years validity and the stone will is proposed for used for preparation of Delhi- Mumbai Highway. After presentation the committee asked to submit following details:

1. Commitment that plantation of 5000 of plants shall be done in the first year as this is temporary permit (TP) with two years validity.
2. PP will proposed 02 overhead water sprinkling facility at both side with revised budget in the EMP considering very high volume of traffic.
3. Commitment from PP for 15 meters width shall be maintain at "T" junction on the evacuation road.

4. Commitment for muffle blasting.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 3,51,500 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 23.96 Lakh as capital and Rs. 5.52 Lakh/year. Under CER Rs. 1.0 Lakh/ year has proposed.

9. Case No 6778/2020 Shri Rupesh Navar, 107/45, Shivaji Nagar, Dist.Bhopal, MP – 462016 Prior Environment Clearance for Murrum Quarry in an area of 1.40 ha. (10,000 cum per annum) (Khasra No. 682/40, 682/41, 682/42), Village - Jharkheda, Tehsil - Shayampur, Dist. Sehore (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 682/40, 682/41, 682/42), Village - Jharkheda, Tehsil - Shayampur, Dist. Sehore (MP) 1.40 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter no 122 dated 04/11/19 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 in 422th SEAC meeting dated 10/2/2020, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, a excavated pit is seen within the lease , moreover hutments are also seen in the NE and SE side of the lease but PP stated that no blasting is proposed and only manual mining shall be carried out. PP further submitted that

pit was in existence when they have got the lease and as per Google image it is in existence since 2015.

After presentation the committee asked to submit following details:

1. Revised lithology as per mine plan.
2. Revised location of settling tanks as per mine contour.
3. Revised EMP as suggested by committee.
4. Revised CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 10,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.89 Lakh as capital and Rs. 2.41 Lakh/year. Under CER Rs.0.30 Lakh/year has proposed.

10. Case No 6799/2020 M/s. Bansal Construction Pvt. Ltd, Village - Sonkhedi, Tehsil - Kasrawad, Dist. Khargone, MP – 462039 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (1,25,400 cum per annum) (Khasra No. 52), Village - Sonkhedi, Tehsil - Kasrawad, Dist. Khargone (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 52), Village - Sonkhedi, Tehsil - Kasrawad, Dist. Khargone (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter (Ekal Praman-Patr) no 915 dated 27/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.97 ha including this mine.

The case was scheduled for the presentation in 422th SEAC meeting dated 10/2/2020, but neither the Project Proponent (PP) nor his representative was present to explain the query

which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road (PMGSY)	>60	SW-SE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Settlement	>300	South- East	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

P further stated that, this lease was obtained under temporary permit (TP) with 01 and half years validity and the stone will be used for proposed state highway road, PP said short hole blasting will be adopted. After presentation the committee asked to submit following details:

1. Complete details of drilling and blasting.
2. Revised EMP as suggested by committee adding cost for grazing land development.
3. Revised CER, as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 1,25,400 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.12 Lakh as capital and Rs. 1.86 Lakh/year and under CER Rs. 01.00 Lakh/ year has proposed.

11. Case No 6832/2020 M/s Shri Ganesh Stone Crusher, Partner - Shri Sachin & Shri Kapil Patel, Village - Badpipali, Tehsil & Dist. Dhar, MP – 462039 Prior Environment Clearance for Stone Deposit in an area of 1.00 ha. (7,872 cum per annum) (Khasra No. 129/1, 129/2), Village - Badpipali, Tehsil - Dhar, Dist. Dhar (MP).

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 129/1, 129/2), Village - Badpipali, Tehsil - Dhar, Dist. Dhar (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 45 dated: 15/01/2020 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, it was observed that a stream is crossing within the lease hence PP was asked to set back of 50 meters either side of the stream. Within 500 meters following sensitive features were observed

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>30	South	-
Nalla	>390	West	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

1. Commitment of PP that crusher will not be installed in the mining lease area.
2. Copy of land agreement document.
3. Revised EMP, add grazing land development cost within lease with budget.
4. Revised CER, add activity of sports kit distribution in the nearby school, and traffic awareness.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 7,872 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.66 Lakh as capital and Rs. 2.24 Lakh/year. Under CER Rs. 0.40 Lakh/year has proposed.

12. Case No 6810/2020 Shri Ashok Singh Tomar, Village - Chusalai, Tehsil - Porsa, Dist. Morena, MP - 476115, Prior Environment Clearance for Sand Quarry in an area of 1.160 ha. (31,050 cum per annum) (Khasra No. 253), Village - Chusalai, Tehsil - Porsa, Dist. Morena (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 253), Village - Chusalai, Tehsil - Porsa, Dist. Morena (MP) 1.160 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. 02 dated: 28/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in the river (Chambal) in the long course of time. During presentation as per Google image based on coordinates provided by PP no any significant sensitive features were observed. After presentation the committee asked to submit following details:

- Revised CSR, add Charnoi land devolvement in the nearby village and Sports kit distribution in the nearby school, and traffic awareness.
- Revised EMP adding the cost of grazing land.

PP has submitted the response of above quarries same date vide letter dated 26.02.2020, 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 31,050 cum/year.

2. A budgetary provision for Environmental management Plan of Rs. 10.87 Lakh as capital and Rs. 1.96 Lakh/year. Under CER Rs. 0.60 Lakh/years has proposed.

13. Case No. - 5833/2019 Sarpanch, Gram Panchayat, Village - Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad, MP – 461221 Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (48,600 cum per annum) (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad.

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad 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 (Ekal Praman-patr) vide letter No. 35 dated: 03/04/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting (348th SEAC meeting dated 01/03/2019) the case was presented by the PP and their consultant. PP stated that it is Babri Sand quarry at River Narmada and Gram Panchayat Babri possesses this lease and all mining operations will be done manually open-cast method through local labors transportation will be through trucks/ tippers. During presentation committee observed that in the Google image (October 2018) two coordinates of north side were falling in the river. Hence, after presentation and deliberation the committee asked PP to submit following information:

1. Revised production operational plan leaving 20 meter area from the co-ordinates which are falling in the stream as in stream mining is not permitted.
2. Revised estimation of the sand volume as per depth given in mine plan and area available after leaving area submerged in water.
3. Revised plantation proposal for 350 plants / year.
4. Revised EMP & CSR activity with appropriate budget.

PP has submitted the response of above quarries vide letter dated 19/02/2019 which was placed before the committee. Committee observed that as per the revised operational production plan submitted by PP, the area available for mining is 3.60 ha out of allotted 4.00 ha area. Considering the sanctioned depth of 1.5 meters as per the mine plan and 10% mining loss as submitted by the PP, the volume of sand that can be evacuated will be 48,600 cum/year. The response of other queries & EMP and other submissions made earlier by the

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

- Production of Sand as per revised operational production plan with quantity not exceeding 48,600 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- No in-stream mining shall be allowed.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- Provision of solar pump for over head water lifting.
- Disposed solid waste from labor shelter and canteen as per MSW norms.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental management Plan of Rs. 7.21 Lakh as capital and Rs. 6.17 Lakh/year as recurring cost. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 2.60 lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- 350 trees / years shall be planted at approach road to the mining area, mines lease boundary and at village area.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2017 issued by the MoEF&CC.

SEIAA vide letter no 3363 dated 30/11/2019 has forwarded this case to SEAC by stating that: *Hon'ble NGT (PB) vide order dated 26.07.2019 has given following direction in OA No 726/2018-Mr Rupesh Pethe Vs State of M.P. & others:*

“The mining lease has to be granted only after Environmental Management Plan is reviewed by the SEIAA following the sustainable Sand Mining Guidelines -2016 of MoEF & CC of the year 2016.

The state of M.P. may ensure compliance of the judgment of the Hon'ble Supreme Court in Deepak Kumar (Supra) and of his Tribunal in Satendra Pandey (Supra) and permit mining only after Environmental Management Plan is approved by the SEIAA”.

In compliance of the above order dated 26.07.19 passed by Hon'ble NGT in the matter of OA No. 726/2018, PP has submitted Environmental Management Plan in SEIAA vide letter dated 28.10.19 for necessary action. After discussion, it was decided to send the EMP submitted by PP to SEAC for review and critical examination for considering necessary approval as per direction of Hon'ble NGT.

Based on above submission this case was scheduled for EMP presentation in this meeting.

The case was scheduled for presentation in 417th SEAC meeting dated 22/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 414^h SEAC Meeting dated 06/01/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was again scheduled for presentation the EMP was presented by PP and their consultant. PP submitted they have submitted to copy of earlier EC, CTO obtained from MPPCB, Verified volume of sand evacuated from the lease by concerned authority, lease transfer order from earlier PP to Gram Panchayat copy of six monthly compliance report with photographs submitted to concerned authority and EMP with replenishment plan. PP further submitted that they have also submitted their desired declaration and RQP affidavit as the proposed EMP in prepared by RQP.

Committee after presentation asked PP to submit:

1. Six monthly EC compliance report submitted to MoEf&CC / SEIAA.
2. MO letter for quantity of sand evacuated during last year.

3. Copy of consents letter issued by MPPCB.

PP revised the plantation scheme and EMP as suggested by committee. Committee after deliberation recommends the revised EMP submitted by PP for Rs. 07.21 as capital cost & Rs. 6.17 Lakhs for recurring cost and CER Rs. 2.60 Lakhs/ Year for various proposed activities.

14. Case No. – 6301/2019 Shri Amrendra Singh Parmar, R/o Hotel Chandra, Dist. Panna, MP – 488220 Prior Environment Clearance for Sand Quarry in an area of 1.229 ha. (18,387 cum per annum) (Khasra No. 20, 61/2), Village - Beera, Tehsil - Ajaygarh, Dist. Panna (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 20, 61/2), Village - Beera, Tehsil - Ajaygarh, Dist. Panna (MP) 1.229 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. 708 dated: 25/04/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in 390th SEAC meeting dated 10/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 380th SEAC meeting dated 05.07.2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

This case was scheduled for the discussion in 391st SEAC meeting dated 28/08/2019 wherein PP remains absent. However, committee deliberated that as per GoMP, Mining Resources Department Letter No. 1951 dated 22/05/2019 (annexure-1) no sand mining be approved till the approval of New MP Sand Rules, 2019. Thus the case is differed to SEIAA for onward necessary action & instructions for appraisal of such cases in the light of above GoMP instructions.

SEIAA vide letter no 4485 dated 18/02/2020 forwarded this case to SEAC by stating that:

“..... This case was discussed in 571st SEIAA meeting dated 17/09/2019 and it was recorded that...

PP has submitted the desired information vide letter dtd. NIL received in SEIAA office 27/01/2020 as per 391st SEAC meeting dated 28/08/2019. Hence it is decided to relist the case and send the case along with technical file to SEAC for appraisal.

The case was presented by the PP and their consultant. PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in the river in the long course of time. As per Google image based on coordinates provided by it was observed that mine lease is in two parts, PP submitted that to make lease of 1.0 ha. hence the lease was sanctioned in two parts as per MMR rules. PP stated that the second part of the lease which is located southern side which will not be mined out for sand. Only mining operation shall be done in the northern part only. In the Google image following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	within the lease	-	Set back of 20 meters both side of the road within the lease excluding barrier zone of 7.5 meters.
15 Trees	Barrier zone of the lease	West	PP submitted that this will be dealt as non-mining area.

presentation the committee asked to submit following details:

- Map showing that tree occupied area within the lease area and this shall be showed as non-mining area.
- Revised CSR, add Charnoi land devolvment, and traffic awareness training programme in the nearby villages and school furniture, library development in the nearby village school.

Vide letter dated 26.02.2020, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case

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

1. Production of Sand as per mine plan with quantity not exceeding 18,387 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.445 Lakh as capital and Rs. 7.49 Lakh/year. Under CER Rs. 0.60 Lakh/years has proposed.

15. Case No.-5254/2016 M/s Makhan Minerals LLP, Hoshangabad, MP – 464001. Prior Environment Clearance for Sand Mining in an area of 17.00 ha. (1,70,000 cum/year) at Khasra no.-1/1, Village-Pawarkheda, Tehsil - Hoshangabad, Dist. Hoshangabad (MP).

This is case of Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1/1, Village-Pawarkheda, Tehsil - Hoshangabad, Dist. Hoshangabad (MP) 17.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 32 dated: 13/04/16 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 341.61 ha including this mine.

As per MO certificate no. 32 dated 13/04/2016, there are there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 341.61 ha including this mine and thus the case was scheduled for approval of TOR.

PP vide letter dated 19/07/2016 has submitted a representation which was forwarded by the SEIAA vide letter no. 2736 dated 26/07/2016 referring GOI, MoEF&CC Notification dated 01/07/2016 and requested that their case may be considered as B2 category.

In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that *“A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”*.

MP State Mining Corporation Limited, Bhopal vide their letter no. 397 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer

vide letter no. 489 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. 3872/46/2005/2 dated 03/10/2005 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3172/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant in the 46th SEAC II meeting dated 26/08/2016 and was considered as B2 (non-cluster) on the basis of letter submitted by MP State Mining Corporation Limited, Bhopal vide their letter no. 397 dated 09/08/2016 that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no. 489 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. 3872/46/2005/2 dated 03/10/2005 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016. The submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,70,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vide letter no 3930/SEIAA/16 dated 06.10.2016 sent back the file to SEAC for appraisal on the basis of revised map submitted by the OIC, MPSMCL and Mining Officer, Hoshangabad which was placed before the committee.

On perusal of the case file and concerned documents it is found that, earlier the total area was calculated on the basis of “Ekal Pramanpatra” issued by the Asstt. Mining Officer (AMO) vide letter dated 12/06/2016 stating that total area of leases within 500 meters is 341.61ha as AMO has mentioned the total area of Mehraghat, Khasra No. 365 as 233.310ha. AMO has not mentioned the individual areas of mines existing within 500 meters and thus the total area was added and case considered as “Cluster”.

As per the revised certificate issued by the Shri R.K. Nema, OIC, MPSMCL and Mining Officer, Hoshangabad forwarded as per SEIAA letter no 3930/SEIAA/16 dated 06.10.2016, there are 09 more mines within 500 meters with total area of 116.975 ha.

As stated earlier, MP State Mining Corporation Limited, Bhopal vide their letter no. 397 dated 09/08/2016 has informed that that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no. 489 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. 3872/46/2005/2 dated 03/10/2005 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

Committee after deliberations decided that on the basis of above certificates issued by the MP State Mining Corporation Limited, Bhopal and Mining Officer this mine does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016 and again recommend the case for grant of prior EC as per the minutes of 46th SEAC II meeting dated 26/08/2016.

The case was scheduled for presentation in 418th SEAC meeting dated 23/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 416th SEAC meeting dated 08/01/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in 418th SEAC meeting dated 23/01/2020 and 416th SEAC meeting dated 08/01/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

16. Case No. – DEIAA, Sarpanch, Gram Panchayat, Village - Amladakalan, Tehsil - Seoni Malwa, Dist. Hoshangabad, MP – 461221. Prior Environment Clearance for Sand Mine in an area of 1.315 Ha. (35,000 Cum/Year) (Khasra No. at Village- Shahpur, Tehsil - Seoni Malwa, Dist. Hoshangabad. (EMP).

The case was scheduled for presentation in 418th SEAC meeting dated 23/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 414th SEAC meeting dated 06/01/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in 418th SEAC meeting dated 23/01/2020 and 414th SEAC meeting dated 06/01/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

17. DEIAA/Case no. 01 Hoshangabad- EC Issued by DEIAA - Sarpanch Gram Panchayat, Chaplaser, Distt. Hoshangabad (EC Issued by DEIAA) Approval of EMP of Sand Mine in an area of 5.00 ha (50,000 Cum/Year) at Khasra No.1 Village Chaplaser, Tehsil – Babai, Distt. Hoshangabad M.P.

Earlier this case was scheduled in 416th SEAC meeting dated 08/01/2020 wherein it was recorded that:

SEIAA vide letter no 3666 dated 03/01/2020 has forwarded this case to SEAC by stating that: *Hon'ble NGT (PB) vide order dated 26.07.2019 has given following direction in OA No 726/2018-Mr Rupesh Pethe Vs State of M.P. & others:*

“The mining lease has to be granted only after Environmental Management Plan is reviewed by the SEIAA following the sustainable Sand Mining Guidelines -2016 of MoEF & CC of the year 2016.

The state of M.P. may ensure compliance of the judgment of the Hon'ble Supreme Court in Deepak Kumar (Supra) and of his Tribunal in Satendra Pandey (Supra) and permit mining only after Environmental Management Plan is approved by the SEIAA”.

In compliance of the above order dated 26.07.19 passed by Hon'ble NGT in the matter of OA No. 726/2018, PP has submitted Environmental Management Plan in SEIAA vide letter dated 06.12.19 for necessary action. After discussion, it was decided to send the EMP submitted by PP to SEAC for review and critical examination for considering necessary approval as per direction of Hon'ble NGT.

Based on above submission this case was scheduled for EMP presentation in 416th SEAC meeting dated 08/01/2020.

The EMP was presented by PP and their consultant. PP submitted they have submitted to copy of earlier EC, CTO obtained from MPPCB, Verified volume of sand evacuated from the lease by concerned authority, lease transfer order from earlier PP to Gram Panchayat copy of six monthly compliance reports with photographs submitted to concerned authority and EMP with replenishment plan. PP further submitted that they have also submitted their desired declaration and RQP affidavit as the proposed EMP in prepared by RQP.

Committee after presentation asked PP to revise the plantation species, their number accordingly to lease area (@ 1000/ ha.) in scheme of plantation and commensurate budget shall also be revised in EMP with additional budget for pollution checks of vehicles etc as suggested during presentation.

PP revised the plantation scheme and EMP as suggested by committee. Committee after deliberation recommends the revised EMP submitted by PP for Rs. 22.27 Lakhs as Capital and Rs. 2.34 Lakhs/ Year as Recurring cost for various proposed activities.

This case was recommended in the 416th SEAC meeting dated 08/01/2016 and it appears that this is a duplicate file hence committee recommends that file may be sent to SEIAA.

DISCUSSION BASED ON SITE VISIT REPORTS

18. **Case No. – 6724/2019 M/s. Amir Chem Pvt. Ltd, Plot No. 41- 42, Sector III, Industrial Area, Pithampur, Dist. Dhar, MP – 454774. Prior Environment Clearance for Manufacturing of Synthetic Organic Chemicals, Bulk Drug & its Intermediates Total Plot area 9181 sq.m. Proposed Capacity- 300 MT per month (category 5(f)), at Plot No. 41-42, Sector 3, Industrial Area, Pithampur, Dist. Dhar, (MP).**

The project is a Manufacturing of Synthetic Organic Chemicals, Bulk Drug & its intermediates in category 5(f). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was discussed in the 417th SEAC meeting dated 22/01/2020 wherein it was recorded that:

1. This unit was previously manufacturing Herbal extract products, now proposing to manufacture of Synthetic Organic Chemicals, Bulk Drug & its Intermediates along with Herbal extract products in the existing blocks. No C& D waste generation is involved in this expansion. During presentation it was observed by the committee that approx. 89 products are proposed by the PP in different categories including R&D products but their product/category wise quantification is not mentioned in the submitted form-1. After presentation the committee asked the PP to submit following details for further consideration of the project:
 - a. Revised form –I with product list & their respective quantities.
 - b. Define R&D product and its quantity.
 - c. Lay out with color scheme of the existing and proposed modification machinery.
2. Also, during presentation neither PP nor their consultant were able to justify, how within the existing plant structure manufacturing of both Herbal extract products and Synthetic Organic Chemicals (Bulk Drug & its Intermediates) will take place and location of proposed machinery in the existing plant and thus decided to carryout site visit by a sub-committee of this proposed modification plant after receiving the revised form-1 and other relevant information. TOR will be recommended after the site visit report.

PP vide letter dated 06/02/2020 has submitted the revised form-1 and other documents.

As decided, Mohd. Kasam Khan, Chairman SEAC and Shri R. Maheshwari, member SEAC visited the site on 19/02/2020. Dr. Abhaya K Saxena, Sr. Scientific Officer, HO, Bhopal accompanied the SEAC team during the site. PP Mr. Joshi, and their team was also present during the site visit.

Project Details

The proposed project is located at Plot No. 41-42, Sector 3, Industrial Area, Pithampur, Dist. Dhar, (MP) in Madhya Pradesh State. During presentation, PP submitted following details-

- Currently we were manufacturing Herbal extract products- 40 MTPA and pigment suspension – 4.8 MTPA with valid air & water consents Consent No:AWH-65327 VALIDITY (A/W): 28/02/2020; (H): 31/03/2021.
- Now company is proposing a new project on the same plot with modification in the existing plant and proposed to build new production block for the manufacturing of the Synthetic Organic Chemicals, Bulk Drug & its intermediates of total 300 MT per month production capacity.
- We are also proposing an increase in the existing production capacity of Herbal extract from 40 MT per annum to 240 MT per annum (i.e. increasing the Herbal extract products by 200 MTPA and dropping the product pigment suspension.
- For Increase in herbal products, we shall apply CTE along with the EC products (synthetic organic chemicals).
- Total 9181 sqm land area is available with us and 2045 SQM land is constructed having production block, utilities, Admin office, QA/QC lab and ETP area.

OBSERVATIONS

During site visit, it was observed by committee that the expansion is proposed in an existing plant shed having green area in the front and back side. During inspection, the existing herbal extraction plant was not in operation and cleanup operations were taken place by the PP to keep the premises in hygienic condition. Total 09 reactors and supply network are installed at present

for which PP submitted that these reactors were used for herbal products. PP further submitted that new reactors will be installed for production of proposed products in an adjacent shed. Raw materials of herbal products were stored in a separate shed which will be used when plant becomes operational. A boiler (01T capacity) and a DG set is also installed in a separate shed for which PP informed that boiler will be used however, DG set will be replaced by new one. An ETP is also installed within plant premises which will be upgraded as per the requirement. PP informed that for new project approx. 4100 sqm land will be further constructed for production block, Storage, utilities and pollution control equipments. It was also observed during site visit that some old and rusted industrial equipment were lying within the plant premises for which PP submitted that some of these will be used and some will be disposed off based on their utility. It was also observed by committee that green belt is developed all around the plant premises which need to be protected during renovation/construction of additional building and also needs augmentation during proposed expansion.

RECOMMENDATIONS

As per the site observations, committee recommends that standard TOR prescribed by MoEF&CC may be provided to the PP with following additional TOR's to be addressed in the EIA report:-

- a. Details and further course of action for of all the old & rusted equipments stored on the plot.
- b. Any proposal of using above old and rusted equipment in the proposed plant.
- c. Quantitative and qualitative details of the material stored in the plant premises in a shed.
- d. Disposal plan of any waste material stored within the plant premises.
- e. Inventory of existing trees and details of any tree cutting proposed for new construction.

The site visit report was placed before the committee wherein committee recommends that the standard TOR prescribed by MoEF&CC may be provided to the PP with following additional TOR's to be addressed in the EIA report:-

- a. Details and further course of action for of all the old & rusted equipments stored on the plot.
- b. Any proposal of using above old and rusted equipment in the proposed plant.
- c. Quantitative and qualitative details of the material stored in the plant premises in a shed.
- d. Disposal plan of any waste material stored within the plant premises.
- e. Inventory of existing trees and details of any tree cutting proposed for new construction.

19. Case No. 6537/2019 M/s Ipca Laboratories Ltd., Shri Manoj Kumar Mittal, Vice President, C-89 to C-95, MIDC Area, MIDC Mahad, Dist. Raigad, Mah. Prior Environment Clearance for Proposed in production capacity of intermediates, API, API-Oncology and R&D Products at Plot No. 19A, 19-B, 20-A, 20-B, 21-A, 21-B, & 22, Industrial Area No. 1, Dist. Dewas, MP.

The project is a Manufacturing of Synthetic Organic Chemicals, Bulk Drug & its intermediates in category 5(f). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was discussed in the 402nd SEAC meeting dated 05/11/2019 wherein it was recorded that:

1. The case was presented by the PP and their consultant, wherein PP submits that they already started collecting baseline data from October 2019. During presentation as per the Google image of March 2018 a shed is seems to be exists within lease area, whereas PP submits that no shed is in existence within lease boundary and they have got the clear site in May 2019.
2. Another issue come up during presentation was for the TOR of R&D activities for which PP and consultant were not able to provide any details and submitted that for other units they have got EC for R&D activities.

Committee after deliberations decided that PP shall provide such evidences with the EIA reports and details which they can provide in support of proposed R&D activities for its consideration in EC. Committee also decided that site visit shall be carried-out for clear justification for the shed as PP has not mentioned any C&D waste in Form-1 and any additional TOR (if found necessary) will be provided after the site visit.

As decided, Mohd. Kasam Khan, Chairman SEAC and Shri R. Maheshwari, member SEAC visited the site on 18/02/2020. Dr. Abhaya K Saxena, Sr. Scientific Officer, HO, Bhopal accompanied the SEAC team during the site. PP Mr. Chandrasen Hilala and their team were also present during the site visit.

Project Details

The proposed project is located at Plot No. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 Industrial Area No. 1, Dist. Dewas, State Madhya Pradesh. During presentation, PP submitted following details-

Location	Plot No. 19-A, 19-B, 20-A, 20-B, 21-A, 21-B & 22 Industrial Area No. 1, Dist. Dewas, State Madhya Pradesh. Plot is taken from M/s. Birani Ispat through DIC, Dewas.
Existing Land use	Notified Industrial Area
Total Plot Area	Plot Area : ~102911 m ²
Project Cost	INR ~ 325 Crores
Employment Generation	Total Manpower~1075
Water Consumption & Source	Source: Dewas Water Project Works Private Limited (formerly known as Anjar Water Solution Pvt. Ltd.) water supply Domestic: 40 KLD Industrial: 1175 KLD Recycle Water from RO & MEE: 503 KLD Fresh Water Consumption (Industrial + Domestic): 712 KLD
Wastewater Generation	Domestic: 38 KLD Industrial: 501 KLD. Total Wastewater generation: 539 KLD Recycle Water from RO & MEE: 503 KLD
Disposal and Treatment of Wastewater	Unit will be ZLD. Industrial effluent will be treated through ETP followed by RO and MEE. From which 503 KLD will be recycled and 5 MT salt sent to TSDF and remaining 31 KLD Considered as a loss in ETP including evaporation & sludge with Moisture. Domestic effluent 38 KLD will be Send to STP and treated and treated sewage use for gardening

Hazardous Waste Generation	ETP sludge will be disposed off at nearby Waste Management landfill facility. The unit has taken willingness letter from TSDF, MP Waste Management, Pithampur. Solid Waste Disposal Facility and agreement with Ultratech Cement, Shree Cement and JK Cement will be done to dispose high calorific value hazardous waste.
Power Requirement	Source: Madhya Pradesh Paschim Kendra Vidyut Vitaran Company Ltd. Willingness letter is taken from them. Power requirement: 3500 Kva Standby 2 DG Set (1000 KVA) will be provide. Which will be used only during Power failure

OBSERVATIONS

During site visit, it was observed by committee that this plant is proposed on a plot of existing industry M/s. Birani Ispat, Dewas and is procured through DIC. It was further observed by the committee that at present the most of plot area is vacant except two old existing buildings for which PP submitted that these buildings will be utilized in the proposed industry and will not be demolished. Huge amount of debris were seen within the plant premises for which PP submitted that they got the plot in this condition and these debris might be off old plant structure and they got the clear site from DIC Dewas. During visit it was also observed by the committee that old asbestos sheets and FRP sheets were kept stacked / lying in the plant premises which might have been recovered from the old plant structure and PP was asked to provide details of these sheets. (Such as their volume and proposed mode of disposal) It was also observed by committee that green belt is developed all around the plant premises which need to be protected during renovation/construction of additional building and also needs augmentation during proposed expansion.

RECOMMENDATIONS

As per the site observations, committee recommends that following additional TOR's may be prescribed to PP which shall be addressed in the EIA report:-

- Management and disposal plan of debris lying within the plant premises.
- Quantitative and qualitative details of asbestos/FRP sheets and other material stored in the plant premises with their disposal plan.
- Inventory of existing trees and details of any tree cutting proposed for new construction.

The site visit report was placed before the committee wherein committee recommends that the following additional TOR's may be prescribed to PP which shall be addressed in the EIA report:-

- a. Management and disposal plan of debris lying within the plant premises.
- b. Quantitative and qualitative details of asbestos/FRP sheets and other material stored in the plant premises with their disposal plan.
- c. Inventory of existing trees and details of any tree cutting proposed for new construction.

20. **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 vides 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.

A letter was also issued to the PP vide letter no. 790 dated 13/12/2019 for submission of above details. PP vide letter dated 07/02/20 has submitted the information to SEIAA which was forwarded to SEAC vide letter no. 4384 dated 12/02/20. The submitted information was placed before the committee in this meeting.

Committee observed that PP has submitted an affidavit stating that they will manufacture H-acid (500 MT/Month) through Hydrogenation process and provided the details of hydrogenation process and proposed safety measures. Committee after deliberation recommends that the standard TOR prescribed by MoEF&CC may be provided to the PP with following additional TOR's to be addressed in the EIA report:-

1. H-Acid shall be manufactured only through hydrogenation process and comprehensive safety measures associated with hydrogenation process shall be discussed in the EIA report.
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 and same shall be appended with EIA report.

21. 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 vides 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 Jabua, 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 summary 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.

A letter was also issued to the PP vide letter no. 792 dated 13/12/2019 for submission of above details. PP vide letter dated 07/02/20 has submitted the information to SEIAA which was forwarded to SEAC vide letter no. 4386 dated 12/02/20. The submitted information was placed before the committee in this meeting.

Committee observed that PP has submitted an affidavit stating that they will manufacture H-acid (500 MT/Month) through Hydrogenation process and provided the details of hydrogenation process and proposed safety measures. Committee after deliberation recommends that the standard TOR prescribed by MoEF&CC may be provided to the PP with following additional TOR's to be addressed in the EIA report:-

1. H-Acid shall be manufactured only through hydrogenation process and comprehensive safety measures associated with hydrogenation process shall be discussed in the EIA report.
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 and same shall be appended with EIA report.

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. J.P Shukla)
Member

(Dr. Anil Sharma)
Member

(R.S.Kori)
Secretary

(Dr. R. Maheshwari)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.
25. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.
 26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.

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