

The 491st meeting of the State Expert Appraisal Committee (SEAC) was held on 18th March, 2021 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

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

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

1. **Case No. – 7767/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 3.642 ha. (16,150 cum per annum) (Khasra No. 299), Village - Kelkachh-B, Tehsil - Udaipura, Dist. Raisen, (MP),**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 299), Village - Kelkachh-B, Tehsil - Udaipura, Dist. Raisen, (MP) 3.642 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 Pramanpatra) letter no. 451 dated: 24/07/2020 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 38.284 ha., including this mine.

The case was scheduled for presentation in 462nd SEAC meeting dated 30/09/20 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

In the 464th SEAC meeting dated 03/10/20 it is recorded that since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become

category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

“The case was discussed in 462nd SEAC meeting dated 30/9/2020 and it was recorded that...

“Case was scheduled in SEAC meeting wherein PP remains absent. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please. As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal”.

PP has submitted required documents vide L.NO. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

2. Case No. – 7774/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 15.00 ha. (30,001 cum per annum) (Khasra No. 398), Village - Andiya, Tehsil - Udaipura, Dist. Raisen, (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 398), Village - Andiya, Tehsil - Udaipura, Dist. Raisen, (MP) 15.00 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 Pramanpatra) letter no. 2293 dated: 02/09/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 22.284 ha., including this mine.

The case was scheduled for presentation in 462nd SEAC meeting dated 30/09/20 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

In the 464th SEAC meeting dated 03/10/20 it is recorded that since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

“The case was discussed in 462nd SEAC meeting dated 30/9/2020 and it was recorded that...

Case was scheduled in SEAC meeting wherein PP remains absent. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please. As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal”.

PP has submitted required documents vide L.NO. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

3. Case No. – 7760/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 24.00 ha. (1,65,000 cum per annum) (Khasra No. 337, 284), Village - Patai, Tehsil - Udaipura, Dist. Raisen, (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 337, 284), Village - Patai, Tehsil - Udaipura, Dist. Raisen, (MP) 24.00 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 Pramanpatra) letter no. 2293 dated: 02/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 462nd SEAC meeting dated 30/09/20 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

In the 464th SEAC meeting dated 03/10/20 it is recorded that since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

The case was discussed in 462nd SEAC meeting dated 30/9/2020 and it was recorded that...

“Case was scheduled in SEAC meeting wherein PP remains absent. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please. As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.”

PP has submitted required documents vide L.NO. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

4. Case No. – 7762/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 12.00 ha. (1,25,000 cum per annum) (Khasra No. 614), Village - Bharkachh Kalan, Tehsil - Badi, Dist. Raisen, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 614), Village - Bharkachh Kalan, Tehsil - Badi, Dist. Raisen, (MP) 12.00 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 Pramanpatra) letter no. 2293 dated: 02/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 462nd SEAC meeting dated 30/09/20 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

In the 464th SEAC meeting dated 03/10/20 it is recorded that since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

The case was discussed in 462nd SEAC meeting dated 30/9/2020 and it was recorded that...

“Case was scheduled in SEAC meeting wherein PP remains absent. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please. As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.”

PP has submitted required documents vide L.NO. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

5. Case No 7936/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 3.642 ha. (5000 cum per annum) (Khasra No. 385), Village - Kelkacch-c, Tehsil - Udaipura, Dist. Raisen (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 385), Village - Kelkacch-c, Tehsil - Udaipura, Dist. Raisen (MP) 3.642 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. 2293 dated: 02/9/2020 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 30.532 ha., including this mine.

The case was scheduled in 470th meeting dated 18/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which

might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation in 471st meeting dated 05/01/2020 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 470th SEAC meeting dated 18/12/2020. 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 SEAC meeting 471st meeting dated 05/01/2021 & 470th meeting dated 18/12/2020. 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.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

“The case was discussed in 657th SEIAA meeting dated 08/02/2021 and it has been recorded that..The case was discussed in 475th SEAC meeting dated 28/01/2021 and it was recorded that“ ... The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in SEAC meeting 471st meeting dated 05/01/2021 & 470th meeting dated 18/12/2020. 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. As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.”

PP has submitted required documents vide L.No. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

6. Case No 7941/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 16.0 ha. (10000 cum per annum) (Khasra No. 299), Village - Kelkachh-1, Tehsil - Udaipura, Dist. Raisen (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 299), Village - Kelkachh-1, Tehsil - Udaipura, Dist. Raisen (MP) 16.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 2293 dated: 02/9/2020 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 35.326 ha. including this mine.

The case was scheduled in 470th meeting dated 18/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation in 471st meeting dated 05/01/2020 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 470th SEAC meeting dated 18/12/2020. 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 SEAC meeting 471st meeting dated 05/01/2021 & 470th meeting dated 18/12/2020. 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.

The case was discussed in 663rd SEIAA meeting dated 26/02/2021 and it has been recorded that...

“The case was discussed in 657th SEIAA meeting dated 08/02/2021 and it has been recorded that:

The case was discussed in 475th SEAC meeting dated 28/01/2021 and it was recorded that “... The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in SEAC meeting 471st meeting dated 05/01/2021 & 470th meeting dated 18/12/2020. 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. As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide L.No. NIL dated 23/2/2021 received in SEIAA Office 24/2/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal”.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any

commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

7. Case No 7957/2020 Shri Rajendra Raghuwanshi, D-4, Phase-2, Shri Ram Colony, Hoshangabad Road, Dist. Bhopal, MP - 464385 Prior Environment Clearance for Sand Quarry in an area of 8.40 ha. (10000 cum per annum) (Khasra No. 385), Village - Kelkacch-2, Tehsil - Udaipura, Dist. Raisen (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 385), Village - Kelkacch-2, Tehsil - Udaipura, Dist. Raisen (MP) 8.40 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 Collector Office (Ekal Pramanpatra) letter no. 2293 dated: 02/9/2020 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 30.47 ha. including this mine.

The case was scheduled in 470th meeting dated 18/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation in 471st meeting dated 05/01/2020 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 470th SEAC meeting dated 18/12/2020. 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, in the 475th SEAC meeting dated 28-01-21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in SEAC meeting 471st meeting dated 05/01/2021 & 470th meeting dated 18/12/2020. 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.

SEIAA relisted the case and send to SEAC in 663 SEIAA meeting dated 26-02-21. Case relisted and send to SEAC vide letter no. 7262-63/SEIAA/21 dated 15-03-21.

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

8. Case No. 481/2009 M/s Birla Corporation Limited (Cement Division) P.O. Birla Vikas Satna-485 005 Proposed Captive Thermal Power Plant 35 MW (Cement Division) Project at, P.O. -Birla Vikas, District-Satna(M.P.)

The case was discussed in 656th SEIAA meeting dated 30/01/2021 and it is recorded that:

- 1) “Earlier EC issued vide letter no. 1420 dtd 05/08/2013. EC is valid for 5 years and later extended to 7 years as per the Ministry of Environment, Forest and Climate Change (MoEF&CC) amended (dtd 14/09/2016) the Environmental Impact Assessment (EIA) notification 2006, which governs the environmental clearance rules, and as a result, the five year validity for the project automatically became seven years.
- 2) Accordingly as per MoEF & CC, GoI Notification dtd. 14/9/2016 and office memorandum dtd. 11/6/2018 PP has applied vide proposal (Online proposal no. SIA/MP/THE/5032/2009) on 28/07/2020 and online acceptance on 15/12/2020 subsequently hard copy received in SEIAA office on 24/12/2020 for extension of Validity period of Environmental clearance.
- 3) As per the MoEF & CC, GoI Notification dtd 14/9/2016 period of validity may be extended by the regulatory authority concerned by a maximum period of three years if an application is made to the regulatory authority by the applicant within the validity period and within thirty days after the validity period of Environmental Clearance, such cases shall be referred to concerned Expert Appraisal Committee or State Level Expert Appraisal Committee.

- 4) Further PP has requested that prior environmental clearance for 35MW captive thermal power plant was granted with additional specific condition that rejects coal of coal washery shall be used in the proposed captive power plant. But due to non-availability of sufficient quantity of high ash linkage coal, coal washery remains idle. Therefore, in lieu of non-availability of reject coal from washery, the project of 35MW captive thermal power plant was kept under hold for the period.
- 5) Now PP has also requested that coal block i.e. Bikram having extractable coal reserve 9.4 million tons at Shahdol, (M.P.) allotted to PP, therefore he has capable to regular supply of high ash coal from the said coal block and obtain reject of coal washery for operation of 35 MW captive thermal power plant from 2023. Accordingly requested to extend the validity of EC issued vide letter no. 1429 dtd. 05/08/2013 for further 03 years i.e. 04/08/2023 for installation of 35 MW captive power plant.
- 6) PP has submitted Compliance report for the period of January to June 19 received on 6/8/2019 Compliance report for the period of July to Dec. 19 received on 30/01/2020 compliance report for the period of January to June 2020 received on 3/6/2020. Compliance report for the period of Dec. 20 received on 01/01/2021 Regarding compliance report PP assured that he will be complied all the stipulated conditions after establishment of the unit.

After detailed discussion, it was decided that the case sent to SEAC regarding examine the availability of reject coal from the coal washery full fill the project requirement and accordingly extension of validity of environmental clearance can be extended up to three years or not.

The case was scheduled in 482nd meeting dated 17/02/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by the PP and their consultant in the 486th SEAC meeting dated 26-02-21, wherein PP submitted that earlier EC issued vide letter no. 1420 dtd 05/08/2013. EC was valid for 5 years and later extended to 7 years as per the Ministry of Environment, Forest and Climate Change (MoEF&CC) amended (dtd 14/09/2016) the Environmental Impact Assessment (EIA) notification 2006. Accordingly as per MoEF & CC, GoI

Notification dtd. 14/9/2016 and office memorandum dtd. 11/6/2018 PP has applied vide proposal (Online proposal no. SIA/MP/THE/5032/2009) on 28/07/2020 and online acceptance on 15/12/2020 subsequently hard copy received in SEIAA office on 24/12/2020 for extension of Validity period of Environmental clearance. PP further submitted that as per the MoEF & CC, GoI Notification dtd 14/9/2016 period of validity may be extended by the regulatory authority concerned by a maximum period of three years if an application is made to the regulatory authority by the applicant within the validity period and within thirty days after the validity period of Environmental Clearance, such cases shall be referred to concerned Expert Appraisal Committee or State Level Expert Appraisal Committee.

PP further requested that prior environmental clearance for 35MW captive thermal power plant was granted with additional specific condition that rejects coal of coal washery shall be used in the proposed captive power plant. But due to non-availability of sufficient quantity of high ash linkage coal, coal washery remains idle. Therefore, in lieu of non-availability of reject coal from washery, the project of 35MW captive thermal power plant was kept under hold for the period. Now coal block i.e. Bikram having extractable coal reserve 9.4 million tons at Shahdol, (M.P.) is allotted to PP, therefore he has capable to regular supply of high ash coal from the said coal block and obtain reject of coal washery for operation of 35 MW captive thermal power plant from 2023. Accordingly requested to extend the validity of EC issued vide letter no. 1429 dated 05/08/213 for further 03 years i.e. 04/08/2023 for installation of 35 MW captive power plant.

During appraisal of the case file and deliberations committee asked PP to submit following details for further consideration of the case:

1. Complete chronology of the events since the grant of EC and till date with the copy of all the documents and relevant OMs in support of their claim.
2. Updated form-1 as per MoEF&CC OM dated 14/09/2016 and is there any change in the proposal submitted earlier.
3. Justify why there was considerable delay in filling the hard copy in SEIAA (on dated 24/12/2020) when online application was submitted on 28/07/2020 (Online proposal no. SIA/MP/THE/5032/2009).
4. Credible proof on layout that area earmarked for 35 MW captive power plant is still available and no other structure is erected on that area with drone video/photography.
5. Details regarding availability of reject coal from the coal washery to full fill the project requirement.

The case was presented by the PP and their consultant in response to above queries made in 486th SEAC meeting dated 26-02-21. PP vide dated 05/03/2021 has submitted the response of above quarries with complete chronology of the events since the grant of EC and till date with the copy of all the documents and relevant OMs in support of their claim, form-1, CTO, vesting order for coal, quantity of reject coal available and the same was presented before the committee. During presentation PP has shown the Drone video of the site where installation of 35 MW captive power plant is being proposed. PP further submitted that they have not changed the location of the proposed power plant. Hence, committee after deliberation decided to recommend for the extension of validity period of Environmental Clearance for 03 years on the same terms & condition mentioned in earlier issued EC in accordance with the MoEF & CC, GoI Notification dated 14/9/2016.

9. Case No. – 6361/2019 Shri Ashok Vishwakarma, Jalpa Ward, Gautam Lane, Dist. Katni, MP Prior Environment Clearance for Soil Laterite and Fireclay Mine in an area of 5.360 ha. (Laterite - 16526 Tonne Per Annum and Fireclay - 2636 Tonne Per Annum) (Khasra No. 04), Village - Mohla, Tehsil - Jabalpur, Dist. Jabalpur

This is case of Soil Laterite and Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 04), Village - Mohla, Tehsil - Jabalpur, Dist. Jabalpur 5.360 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. 504 dated: 02/05/19 has reported that there is 02 more mine operating or proposed within 500 meters around the said mine with total area of 16.621 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 379th SEAC dated 04/07/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 02/2/2021 which was forwarded through SEIAA vide letter no. 7276 dated 15/3/2021, which was placed before the committee.

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

10. Case No 6961/2020 M/s Nirmala Minerals, Pathak Ward, Dist. Katni, MP – 483501 Prior Environment Clearance for Expansion of Iron ore Mine in an area of 32.374 ha. (2,00,000 to 6,00,000 Tonne per annum) (Khasra No. 440/1 (old), 628/1 (New) , Village - Dubiyara, Tehsil - Sihora, Dist. Jabalpur (MP)

This is case of Expansion of Iron ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 440/1 (old), 628/1 (New), Village - Dubiyara, Tehsil - Sihora, Dist. Jabalpur (MP) 32.374 ha.. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 432nd SEAC dated 18/05/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 15/3/2021 which was forwarded through SEIAA vide letter no. 7339 dated 16/3/2021, which was placed before the committee.

The EIA was presented by the PP and their consultant where in the beginning chronology of the project:-

SL. NO.	PARTICULARS	DETAILS
1.	Mine lease period	The ML area validity is extended for 50 years period from 06.03.1987 to 05.03.2037 as per MMDR Amendment Act 2015.
2.	Present application for EC	The EC is being sought for proposed enhancement in production capacity for its existing iron ore mine under reference from 2,00,000 TPA to 6,00,000 TPA.
3.	Earlier Environmental Clearance Letter	Earlier Environment Clearance (EC) for production capacity 2,00,000 TPA was granted by State Environment Impact Assessment Authority (SEIAA), Madhya Pradesh vide its letter No. 1973/SEIAA/15 dated 14/06/16.
4.	Consent Status	The renewal of Consent to Operate has been granted by MPPCB for 2,00,000 TPA valid till 31.12.2021. The achieved production is less than 2,00,000TPA.
5.	Mining Plan Approval	The mine plan is approved by Indian Bureau O/O The Regional controller of mines of Jabalpur vide its letter no. MP/Jabalpur/Iron Ore/ MPLN/MOD-08/2020-21, Jabalpur dated 26/10/2020.
6.	Forest NoC	Letter no. 7449 dated 6/11/2015 granted by DFO, Jabalpur
7.	TOR Letter for Expansion	Letter No. 256/PS-MS/MPPCB/SEAC/TOR (432)/2020, Bhopal dated 09.06.2020 (Case No. 6961/2020).
8.	Public hearing conduction	Mine Site dated 4/11/2020 in presence of ADM Jabalpur
9.	Certified Compliance report by MoEF	Issued by Regional office of MoEF on 25.02.2021

During presentation PP submitted that-

- Opencast mechanized method of mining will be carried-out. The area is hilly trending towards east- west. The trend of the hillock is along the strike and mineralization has been fully established. .
- The development in mineral will be carried out by deployment of excavator, loading will be done by loaders and transport will be done by HEMM.
- The over burden will be loaded by loaders and transported to the backfilling site by dumpers. The dumpers/trucks will be of 10 t. capacity.
- No drilling and blasting will be carried out. It is proposed to use mainly dozer, rock breaker, excavator cum loader which will increase the recovery and grade. Depending upon the grade recovered, the same will be segregated and stacked in different stacks. Hard Iron ore/Soft Iron ore will be suitably blended so as to have uniform grade of mainly 50% to 55% Fe.
- Uniform bench height of 6m has been proposed as higher bench in soft iron ore creates under cut. The site has been selected in view of grade variation of Fe 45 to 50% in Quarry 1 and from 50 to 55% in Quarry 2.
- Haul road has been extended to the floor of the quarry at gradient 1 in 16. The gradient on ramp is 1 in 10. The width of haul road is 10m. The individual bench slope is about 10 degree while ultimate slope of bench will be 45 degree.

PP further submitted that it is an existing Iron Ore mine (32.374 ha) and seeking environmental clearance for expansion in production 2,00,000 TPA to 6,00,000 TPA with ML area 32.374 ha. wherein no drilling and controlled blasting is proposed. The ground water table will not be intersected and mining will be carried out up to 14 m below ground level i.e up to 384 mRL and ground water table is 45 m bgl (353 mRL) to 40 m bgl (358 mRL). No working will be done within 50 m of any habitation area. PP stated that they have also obtained MoEF&CC compliance report vide letter dated 25/02/2021 of earlier EC condition and compliance was found satisfactory .

After detail discussion and deliberation committee asked the PP to submit the following information:

1. Submit physical targets based Corporate Environment Responsibility (CER) activities based on public hearing.
2. Non mineralized zone shall be marked on Surface plan
3. Revised Environmental Management Plan with appropriated budget for Charnoi land development.

PP vide their letter dated 18/03/2020 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 Dubiyara Iron Ore Mine (Lease Area 32.374 Ha) with enhancement in production capacity from 2,00,000 TPA to 6,00,000 TPA at Village- Dubiyara, Tehsil - Sihora, Dist. Jabalpur (MP) by M/s Nirmala Minerals 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 Trans boundary 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 then it is required 10 times of plantation for 01 tree uprooting.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. Working height of the loading machines shall be compatible with bench configuration.
10. No intermediate stacking is permitted at the mine site.
11. No dump shall be stacked outside the lease area.
12. Water sprinklers shall be provided in mine.
13. 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.
14. 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 49000 trees shall be planted of which 15,000 trees are already planted in core zone, buffer zone and along road side.

15. Transportation of material shall be done in covered vehicles.
16. Transportation of minerals shall not be carried out through forest area.
17. The OB shall be reutilized for maintenance of road and backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
18. 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 1390 m X 2 m x 1.5 m bund (1.5m x 5m) and sump 50.0 m x 30m x 6 m.
19. 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.
20. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
21. The existing and proposed land use plan of the mine is as follows:

Sl.No.	Particular	Existing	5 th year end	Conceptual Period
1	Total area excavated (broken)	13.80	15.32	25.20
2	Area fully mined out (out of 1)	(4.0)	(4.50)	(25.20)
3	Area fully reclaimed (Backfilled out of 2)	(2.0)	(2.35)	(9.20)
4	Area rehabilitated out of 3 by afforestation	0	(1.0)	(9.20)
5	Area reclaimed by water harvesting	0	0	(16.0)
6	Total area under dumps	0.75	0.75	Nil
7	Area under active dumps	0.75	0.75	Nil
8	Area under mineral stack	2.25	2.25	Nil
9	Area under Road	0.20	0.20	Nil
10	Area under Green belt	4.5	5.0	7.174
11	Area under infrastructure	0.66	0.66	Nil
12	Bund, Drain and Settling tank	1.0	1.0	Nil
12	Undisturbed area	9.214	7.194	Nil

22. 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.
23. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
24. The commitments made in the public hearing are to be fulfilled by the PP.
25. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

26. PPE's such as helmet, mask and ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

27. In the proposed EMP, capital cost is Rs. 21.25 Lakh is proposed and Rs. 12.00 Lakh /year as recurring expenses.

28. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :

S.No.	Activities	Remark
1.0	WATER SUPPLY	
	a) Water supply system in village Dubiyara b) Dredging and beautification of pond at Ghugharikala village (Beneficiary 350 people) will done by end of Dec 2021.	
2.0	HEALTH	
	a) Organize health check-up camp(Once in a year) in Dubiyara and Ghugharikala Village. b) Distribution of mask, sanitizer and gloves for village Dubiyara.(200 no. once in a month) c) Distribution of medicine as per Doctor suggestion / required by poor people in Village Dubiyara, Ghugharikala and Tikariya.	Health camp can also be organized in other nearby villages in consultation of gram panchayat.
3.0	INFRASTRUCTURE DEVELOPMENT	
	a) Construction of 500 m road in village dubiyara by March 2022 b) Provision of 5 no. of solar street light in the Dubiyara Village by Nov 2021	Village road (approx 0.50 km) maintenance work will take up in consultation of gram panchayat.
4.0	CHARNOI LAND DEVELOPMENT Development of Grazing land of village Dubiyara	
5.0	OTHER a) Provision of distribution of food item/ ration to poor people in Village Dubiyara. b) Hired ambulance will continue to be provided as and when required for needy people.	

29. 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.

30. 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.

31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
32. PP will comply with all the commitments made vide letter dated 18/03/2021.
33. 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.

11. Case No 8334/2021 Shri Ashok Jain, Director, M/s Pushpratana Reality Pvt. Ltd, 9/5, New Palasia, Dist. Indore Prior Environment Clearance for Construction of "Lush" Group Housing [Total Plot Area = 19300 sqm, Total Proposed Built-up Area = 269615.14 sqm] at Village - Khajrana, Tehsil & Dist. Indore (MP)

This is case of Prior Environment Clearance for Construction of "Lush" Group Housing [Total Plot Area = 19300 sqm, Total Proposed Built-up Area = 269615.14 sqm] at Village - Khajrana, Tehsil & Dist. Indore (MP)

The case was presented by the PP and their consultant wherein it was observed that this is a violation project and about 32-35% construction have been completed and PP has applied for TOR in the window period provided by MoEF&CC vide Notification dated 09/Sep/2019. PP submitted that the proposal was uploaded at Parivesh between the violation window periods from 14.03.2017 to 13.04.2018. Construction was started on December 2015, the details are given below:

Type of dwelling Units	Total Unit Proposed	Possession Given	Unit Incomplete	Unit Completed
Flats units	283	00	283	00

Proposal submitted to SEIAA	EDS by SEIAA	Submission of EDS	Accepted by SEIAA	Hardcopy submission	SEAC Agenda
11.04.2018	28.04.2018	07.03.2021	12.03.2021	12.03.2021	18.03.2021

Land Break-Up Details

S.No	Particulars	Area	Percentage
1	Total Land Area	19,300 sq.m.	
2	Area available on site	17892.00 sq.m.	
3	Area under road widening	447 sq.m.	
4	Planning area	17396.00 sq.m.	100 %
5	Permissible ground coverage area	5218.50sq.m.	30 %
6	Proposed ground coverage	5218.50sq.m.	30 %
7	Park area	1739.6 sq.m.	10.00 %
8	Permissible F.A.R.	1:1.75	

During presentation it was also observed that from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009. PP has submitted the copy of receipt for online NBWL application submitted for WL Clearance with proposal no. FP/MP/Others/5808/2021 and date of submission 06/03/2021. PP further submitted that till date 30 to 35 % construction is completed and no possession is given.

Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by

an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Sources of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a

Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

12. Case No 8335/2021 Shri Shankar Sharma, Director, M/s Kshipra Empiricals, Shri Shankar Sharma, Director Partner, C/878, Sukhliya, Near Sahlimar Begnlow, Dist. Indore, MP - 452010 Prior Environment Clearance for Manufacturing of Key Starting Materials for Intermediates of API and APIs at Plot No. 57, AKVN Industrial Area, Maksi, Dist. Shajapur, (MP)

This is case of Prior Environment Clearance for Manufacturing of Key Starting Materials for Intermediates of API and APIs at Plot No. 57, AKVN Industrial Area, Maksi, Dist. Shajapur, (MP)

The case was presented by the PP and their consultant wherein they stated that this is case of Environment Clearance for manufacturing of Key starting Materials for Intermediates of API and APIs at Plot no. 57, Industrial Area, Maksi Dist. Shajapur (M.P) - 465106 Capacity – 6200 MT/Annum . The proposed project falls under item no 5(f)-B2 i.e. Synthetic organic chemicals hence requires prior EC from SEIAA before initiation of activity at site. During presentation PP has submitted following project details:

- M/s Kshipra Empiricals proposes to set up Key starting Materials for Intermediates of API and APIs manufacturing facility with production capacity of 6200 MT/Annum.
- The production facility is at notified Industrial Area at Plot no. 57, Industrial Area, and Maksi Dist. Shajapur (M.P)-465106 with total land area of 2210 Sq. MT.
- Domestic production of Active Pharmaceutical Ingredients reduces our dependency on the other countries in the pandemic situation.
- As per the Notification issued by Ministry of Environment, Forest and climate change vide no. [F.No. 19-21/2020-IA.III] dated 15th October 2020, the project lies under 5(f)-B2 category.
- Also as per the Office Memorandum NO:FNo.22-33/2019/IA.III Dated 28th January 21. Issued by Ministry of Environment, forest and climate change, GOI, the issuance of Environment Clearance for API and Intermediates as single category instead of individual products.

Project Details

Details	Project Details
Site Address	Plot no. 57, Industrial Area, Maksi Dist. Shajapur (M.P)
Proposed Production Capacity	6200 MT/Annum
Land	2210 Sq. Meter
Cost of Project	3 Crore
EMP Cost (Capital)	0.782 Cr
EMP cost (recurring)	0.166 Cr
Manpower Requirement	10 Nos.
Details	Project Details
Power requirement	250 HP
Water Requirement & Source	25 KLD & Tanker/Bore well
Boiler capacity	Capacity of Boiler- 2TPH(1 no.) Fuel used- Briquettes or coal
DG set	D.G Set (100 KVA)
Scrubber	1 No.
Plantation (Green belt development)	730 square meters

DETAILS OF PROPOSED PLANT AND EQUIPMENTS

S. No.	Description of Particulars	Capacity (L)	Qty.
1	Reactor	5000	2
2	Reactor	3000	2
3	Reactor	6000	2
4	Reactor	3000	2
5	Distillation Reboiler	3.0 kl	1
6	Distillation Column	10 mtr 500 dai	1
7	Distillation Condenser	20 SQ.M	2
8	Reactor	1500	2
9	Reactor	1000	2

10	Product Reciever	0.6 KL	2
11	Centrifuge	48 Inch	1
12	Centrifuge	24 Inch	1
13	Neutralizer	5.0 KL	1
14	Solvent Storage Tank	10.0 KL	2
15	Sulphuric Storage Tank	10.0 KL	1
16	Nitric Storage tank (68%)	10 KL	1
17	Separator	5 KL	1
18	Scrubber Sump 02 NO.	10 MQ	2
19	Scrubber Pump	5 mq/hrs	1
20	Scrubber Column	5 Mtr 500 dai	1
21	Scrubber Blower		1
22	Scrubber Circulation Pump. 02 no.	5 mq/hrs	2
23	Ball mill	350 liters	1
24	Nutsche filter hdpe	8 kl	2
25	Sparklar filter	18" x 12 plate	2
26	PPFRP Holding tank	10 kl	2
27	Fluid bed dryer	250 lts	1
29	Tray dryer	96 tray	1
30	Boiler	2 TPH	1
31	Cooling tower	400 TR	1
32	Chilling Plant	100 TR	1
33	Thermo Pack	2 lakh Kilocalorie	1
34	DG Set	100 KVA	1
35	Ball mill	350 liters	1
36	Nutsche filter hdpe	8 kl	2
37	Sparklar filter	18" x 12 plate	2

38	Ribbon blender(jacketed with condenser)	1 Kl	2		
Quality of Composition of Discharges					
S. No.	Parameters	Low TDS Low COD Effluent characteristic		High TDS High COD Effluent characteristic	
		Inlet Concentration kg/day(for 12,000 Liter)	Standard/outlet Concentration kg/day(for 12,000 Liter)	Inlet Concentration kg/day(for 8,000 Liter)	Standard/outlet Concentration kg/day(for 8,000 Liter)
1	pH	6.5-7.0	5.5-9.0	2.0-12.0	5.5-9.0
2	TSS	3.5- 4.5	< 1.2	55-65	< 0.8
3	TDS	30-40	< 25.2	450-500	< 16.8
4	COD	3.5-4.5	< 3	1700-1800	< 2
5	BOD	0.40-0.50	< 0.36	15-20	< 0.27

Quality of Process Emissions

Sr. No.	Name of the gas	Quantity Kg/day
1	Ammonia	< 100
2	Hydrogen chloride	< 750
3	Sulfur dioxide	< 35
4	Hydrogen	< 10

HAZARDOUS WASTE DETAILS

Hazardous Waste Type	Category	Source	Quantity Tons/Annum	Disposal method
Spent/Used Oil	5.1	DG Set	0.1	Collection storage and Sold to MPPCB Authorised Re-processor / Recycler
Oil & Grease	5.2	ETP Plant/Machinery /Gearbox	0.1	Collection storage and Sold to MPPCB Authorised Re-processor / Recycler

Distillation Residue	20.3	Solvent Distillation	0.5	sent to Common TSDF Ramky for Incineration
Process residue and waste	28.1	Manufacturing Process	19.08	Sale to Authorized Re-processor or Recycler
Spent Carbon	28.3	Manufacturing Process	1.0	Deactivate , Washed and send to Recycler or Common TSDF Ramkey
out Off Specifications Drugs Date Expired Products	28.4, 28.5	Manufacturing Process	2.0	Send to MPWMP Ramkey for dispose or Inceneration
Spent Solvent	28.6	Manufacturing Process	20.0	Distillation & Reuse or Sale to Authorized Re-processor or Recycler.
Discarded Containers	33.1	Manufacturing Process	5.0	To Authorised Reprocessor / Recycler
Contaminated cotton rags or other cleaning material	33.2	Manufacturing Process	0.2	Send to MPWMP Ramkey for disposal
Chemical Sludge from waste water treatment	35.3	ETP Plant	5.0	Send to MPWMP (Ramkey For Dsposal
Exhaust air or gas cleaning residue	35.1	From clean room plant	0.1	After washing send to authorized recycler or authorised TSDF Management services
Spent Ion Exchange Resin containing Toxic Metals	35.2	Process	0.2	Send to MPWMP (Ramkey For authorised TSDF Management services
Spent Carbon or Filter medium	36.2	From cetrifugal processing	0.1	After washing send to MPWMP (Ramkey) recycler or authorised TSDF Management services
Ash from incinerator and flu gas cleaning residue	37.2		0.1	Send to MPWMP (Ramkey For incineration)

SOLVENT RECOVERY DETAILS

S.No	Product Name	Production Capacity (Kg/Month)	Solvents details	Quantity in Kgs/Day		
			Solvent Name	Solvent Input	Solvent Recovery	Recovery Percentage
1.	Api And Bulk Drug Intermediates	516.66	Methanol /Ethanol	500	490	98%
			Toluene	300	295	98.33%
			Ipa/Butenol	200	196	98%
			Acetone	200	196	98%

After presentation, PP was asked to submit of following details:

1. Provide Quality of composition of Discharges and Emissions from the proposed project.
2. Provide Scale wise layout of proposed project showing Disaster management plan.
3. Need to include unit sizes in ETP scheme and propose commensurate budget in EMP.
4. Air Pollution Control Measures cost to be included in Environment Management Plan.
5. Specific trees to be included in the plantation slide.
6. Body showers and Eye showers to be included in PPEs.
7. Briquettes or coal to be used as Boiler Fuel.
8. Commitment of using external source of water (tankers) for consumption of water.
9. Provide the Solvent Recovery Details.
10. List of reactors to be provided in the specific format.
11. Provide the quantum of the Hazardous waste generated.

PP vide letter dated 18/03/2021 submitted reply of the above query. The query reply was placed before the committee, after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for manufacturing of Key starting Materials for Intermediates of API and APIs at Plot no. 57, Industrial Area, Maksi Dist. Shajapur (M.P) - 465106 Capacity – 6200 MT/Annum. The proposed project falls under item no

5(f). Category- Synthetic Organic Chemicals Industry Project, subject to the following special conditions:

List of Proposed EC Product:

List of Products & Capacity (MT/PA)		
Sr. No.	Product Name	Proposed Qty. to be manufactured (MT/PA)
1	Key starting Materials for Intermediates of API and APIs	6200 MT/PA

Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(A) Air quality monitoring and preservation

1. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
2. Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
3. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
4. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(B) Water quality monitoring and preservation

1. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
2. The net fresh water requirement shall be 25 KLD. The rejected water will be reused for gardening/green belt.
3. The industrial water requirement for the proposed project is 25 KLD per day sourced from tanker. Total cumulative waste water generation from proposed unit will be 23 KLD and will be sent to ETP plant (15 KLD) followed by RO and MEE/Evaporator (8 KLD) and ATFD.
4. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
5. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
6. Total fresh water requirement shall not exceed 25 KLD.
7. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
8. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
9. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(C) Noise monitoring and prevention

1. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
2. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(D) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 250 HP. The power will be supplied by Power Generator i.e. Grid power.

(E) Waste management

1. PP will be using Piped Natural Gas as a fuel in boiler.
2. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
3. 98% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
4. Used or spent oil, Oil and Grease, distillation residues, Spent Catalyst, Spent solvent, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes, Chemical sludge from waste water treatment, Date Expired products, off specification products etc will be sent to TSDF/ authorized recyclers.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate firefighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Storage areas should be provided with adequate number of spill kits at suitable locations.
11. The spill kits should be provided with compatible sorbent material in adequate quantity.
12. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
13. Proper fire fighting arrangements in consultation with the fire department should

be provided against fire incident.

14. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
15. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
16. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.

(F) Green Belt

1. 730 sq. meter area will be covered with the good green belt .The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
3. PP shall also develop green belt along the road with 100 numbers of trees. Further PP shall develop green belt over community places in consultation with DIC or IMC.

(G) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 78.20 Lakh/year as capital and 16.66 Lakh /year as

recurring cost. Following activities are proposed for social welfare:

S.No.	Activities (Corporate Social Responsibility)
1.	Development of toilets for girls in nearby Schools (Anganwadi kendrya, Indra Colony, ward no. 5, Maksi, Government Madhyamik vidhyala, Railway station, Maksi and more nearby schools)- 2 nos.

6. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
7. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J) Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

13. Case No 8336/2021 Shri Mahendra Kumar Jain, President, M/s Deep Jyoti Grah Nirman Sansthan Maryadit, 1/1, New Palasia, Dist. Indore, MP Prior Environment Clearance for Construction of Proposed Residential cum Commercial Building "A-One Height's" [Total Plot Area = 36430 sqm, Total Built-up Area = 138950 sqm] at Village - Khajrana, Tehsil & Dist. Indore (MP).

This is case of Prior Environment Clearance for Construction of Proposed Residential cum Commercial Building "A-One Height's" [Total Plot Area = 36430 sqm, Total Built-up Area = 138950 sqm] at Village - Khajrana, Tehsil & Dist. Indore (MP).

The case was presented by the PP and their consultant wherein following salient features of the project were presented by PP:-

S.No.	Particulars	Proposed		
		Phase-1	Phase-2	Total
1.	Net Plot Area	21346.59 sq.mt.	11691.64 sq.mt.	33038.23 sq.mt.
2.	Built up area	97563.00 sq.mt.	41387 sq.mt.	138950 sq.mt
3.	Ground coverage	6403.98 sq. mt.	3507.49 sq. mt.	9911.47 sq. mt.
4.	Residential Units	2 BHK- 200 3 BHK- 160 4 BHK- 80 Total- 440	1 BHK-200 2 BHK- 300 Total-500	1BHK- 200 2 BHK- 500 3 BHK- 160 4 BHK- 80 Total-940
5.	Shops- Showroom- Offices-	10 Showrooms 80 Shops 88 Offices	None	10 Showrooms 80 Shops 88 Offices
6	Open parking-	114	96	210
	Stilt parking-	380	178	558
	Podium parking	317	178	495
	Basement parking-	82	00	82
	Total-	893	452	1426

PP further stated that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009. PP has submitted the copy of receipt for online NBWL application submitted for WL Clearance with proposal no. FP/MP/Others/5810/2021 and date of submission 08/03/2021. Committee after presentation and deliberation PP was asked to submit following information for further consideration of the project.

- 1) Details of tree existing in both the phases of the project within lease area and their plan.
- 2) Phases –wise parking details & lay out plan.
- 3) Copy of NOC obtained from Municipal Corporation for waste disposal.
- 4) Drainage plan with contour.
- 5) Solar Power requirement of project with details.

PP vide letter dated 18.03.2021 has submitted the revised details of queries which was placed before the committee. After presentation and submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Development of Residential cum commercial building “A- One Heights” (Total Plot Area = 36430.00 sqm, Total Built up Area = 1,38,950.00 sqm) at Village - Khajrana, Tehsil - Indore, Dist. Indore, (MP). Cat. 8 (a) subject to the following special conditions:

Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- ix. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.
- x. The EC shall be applicable subjected to approval from NBWL.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF& CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 06 Diesel power generating sets 500 kVA *06 nos. proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and

construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.

- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 500 kVA * 06 nos shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 717 KLD out of which 348 KLD is fresh water requirement and 573KLD will be the total recycled water generated, out of which 246 KLD recycled water will be used for flushing and 23 KLD water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.

- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 08 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 128.07 m³/hr .Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring report.
- xix. Sewage shall be treated in the MBBR based STP (Capacity - 700 KLD(1 * 400 & 1 * 300). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up

water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

- xx. The waste water generated from the project shall be treated in STP of 700 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

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

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 2697 Kg/day, this consist all types of wastes (as Organic waste 1681.2 Kg/day and non- organic waste 809.1 Kg/day), Inert waste 269.7 Kg/day, E- waste 1199Kg/Annum, and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

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

VII. Green Cover

- i. Total 362 trees shall be planted in the area of 3643.0 m² (10.00 % of total plot area) which is developed as greenbelt development.
- ii. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

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

- c. Proper design of entry and exit points
- d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 1426 ECS (in which nil ECS for Podium Parking 496 ECS ;Basement parking 83ECS for Silt parking 672 ECS and 175 ECS for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. EMP

- i. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions.

The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

- ii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- iv. For Environment Management Plan PP has proposed Rs.593.00 Lakhs as capital and Rs. 35.40 Lakhs as recurring cost for this project.
- v. For this project PP has proposed following activities under CER :

S.No.	Activity
1.	Solar panel Installation for Lighting in nearby Government Schools.
2.	Development of Pucca Road in front of project site.
3.	Installation of Recharge well or pit nearby Government Schools.
4.	Plantation in the nearby areas.
5.	Help in COVID Vaccination at nearby vaccination centers.
6.	Organizing environment awareness programs in nearby local areas.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

14. Case No 8341/2021 Shri Rohit Malpani, Director, M/s Pharmaco Industries Pvt. Ltd, 5/1, Residency Area, AB Road, Opp. MGM Medical College, Dist. Indore, MP - 452001 Prior Environment Clearance for Manufacturing of Active Pharmaceutical Ingredients & Bulk Drug Intermediate at Plot No. 13-B, Pithampur - 6, Dist. Dhar, (MP)

This is case of Prior Environment Clearance for Manufacturing of Active Pharmaceutical Ingredients & Bulk Drug Intermediate at Plot No. 13-B, Pithampur - 6, Dist. Dhar, (MP)

The case was presented by the PP and their consultant wherein PP has submitted following project details:

- M/s Pharmaco Industries proposes to set up API and Bulk Drug Intermediate manufacturing facility with production capacity of 1608 MT/Annum.
- The production facility is at notified Industrial Area at Plot no.13-B Pithampur-6, District -Dhar , Madhya Pradesh with total land area of 18256.9 Sq. MT.
- The product mix of the company includes API (and their intermediates) for different therapeutic categories like Diabetes, HIV, Oncology, Anti-psychotic, Anti-depressant, Anti-viral etc and will cater the needs of Indian pharmaceutical sector, thus, strengthen Government's object to ensure uninterrupted supply of quality bulk drug within the country and make India to becomes pharmacy of the world in a true sense.
- As per the Notification issued by Ministry of Environment, Forest and climate change vide no. [F.No. 19-21/2020-IA.III] dated 15th October 2020, the project lies under 5(f)-B2 category.
- Also as per the Office Memorandum NO:FNo.22-33/2019/IA.III Dated 28th January 21. Issued by Ministry of Environment, forest and climate change, GOI, the issuance of Environment Clearance for API and Intermediates as single category instead of individual products.

Required details	Project Details
Site Address	Plot No. 13-B, Pithampur-6, Dist. Dhar-(M.P.) 454775
Proposed Production Capacity	1608 MT/Month
Product type	Active Pharmaceutical Ingredients(API) and Bulk Drug Intermediates
Boiler capacity	2 nos. of 3 TPH(Piped Natural Gas)
Power Requirement	1200 KVA
Land Area	18256.9 Sq.Mt.
Water Requirement & Source	100 KLD by AKVN
Manpower Requirement	150 Nos.
Green belt Area	6040.60 Sq.mt.
Required details	Project Details
ETP	ETP cum STP of 50 KLD and 20 KLD Evaporator+ ATFD
DG set	2 nos. (500 KVA and 625 KVA)
Scrubber	4 nos.
Cost of Project	15 Cr
EMP Cost (Capital)	1.44 Cr
EMP cost (recurring)	0.1950 Cr

DETAILS OF PROPOSED PLANT AND EQUIPMENTS

List Of The Machinery & Equipments			
S. No.	Description of Equipments	Capacity	Nos./Lot
1.	SS 316 Reactor with jacket with condenser.	1500 Lts	6
2.	SS 316 Reactor with jacket with condenser.	1100 Lts	3
3.	SS 316 Reactor with jacket with condenser.	2000 Lts	5

4.	Glass lined Reactor with condenser.	1500 Lts	4
5.	Glass lined Reactor with condenser.	2000 Lts	6
6.	SS 316 Reactor with condenser.	2500 Lts	4
7.	Glass lined Reactor with condenser.	2500 Lts	2
8.	SS 316 Reactor condenser.	3000 Lts	5
9.	SS 316 Reactor with condenser.	4000 Lts	7
10.	Glass lined Reactor with condenser.	5000 Lts	2
11.	Glass lined Reactor with condenser.	4000 Lts	2
12.	SS 316 Reactor with condenser.	5000 Lts	2
13.	SS 316 Centrifuge	36"	12
14.	SS 316 Centrifuge	48"	12
15.	Rubber Lined Centrifuge	60 Kg/36"	1
16.	Tray Drier Steam heated with Aluminum trays	48 Trays	8
17.	SS Nutsch Filter		2
18.	Pressure Filter		2
19.	Fluid Bed Dryer		1
20.	Tray Drier Steam heated with SS 316 Trays	96 Trays	2
21.	Rotary Double Cone Vacuum Drier	750 Lts	2
22.	Pulverizer/Micronized		2
23.	Multimill		4
24.	Sifter		4
25.	Double cone blender		4
26.	Weighing Machine		10
27.	Steam Boiler	3TPH	2
28.	Chilling Plant	250TR	2

29.	Brine Chiller	25TR	2
30.	Cooling Tower	500TR	2
31.	Air Compressor	10kg	2
32.	Purified water Plant	2000lit./hrs	2
33.	Transformer	1200KVA	2
34.	DG set	500KVA and 625 KVA	2
35.	Distillation Plant		2
36.	Compector		2
37.	Scrubber		4
38.	Nitrogen Plant		1
39.	ETP		1
40.	Water Jet Vacuum System		4
41.	Steam Jet Vacuum System		4
42.	HVAC System		1
43.	Fire Fighting System		1
44.	Lyophilizer		2

Quality of Composition of Discharges					
S. No.	Parameters	Low TDS Low COD Effluent characteristic		High TDS High COD Effluent characteristic	
		Inlet Concentration kg/day(for 45,000 Liter)	Standard/outlet Concentration kg/day(for 45,000 Liter)	Inlet Concentration kg/day(for 20,000 Liter)	Standard/outlet Concentration kg/day(for 20,000 Liter)
1	pH	2.0-12.0	5.5-9.0	2.0-12.0	5.5-9.0
2	TSS	135-150	< 4.5	55-65	< 2
3	TDS	315-330	< 94.5	450-500	< 42

4	COD	650-660	< 11.25	1700-1800	< 5
5	BOD	15-20	< 1.35	15-20	< 0.6

Quality of Emissions

Sr. No.	Name of the gas	Quantity Kg/day
1	Ammonia	<8.5
2	Hydrogen chloride	<50
3	Sulfur dioxide	<25
4	Hydrogen	<4

HAZARDOUS WASTE DETAILS

Hazardous Waste Type	Category	Source	Quantity Tons/Annum	Disposal method
Spent/Used Oil	5.1	DG Set	2.0	Collection storage and Sold to MPPCB Authorised Re-processor / Recycler
Oil & Grease	5.2	ETP Plant/Machinery /Gearbox	0.3	Collection storage and Sold to MPPCB Authorised Re-processor / Recycler
Distillation Residue	20.3	Solvent Distillation	60	sent to Common TSDF Ramky for Incineration
Process residue and waste	28.1	Manufacturing Process	520	Sale to Authorized Re-processor or Recycler
Spent Catalyst	28.2		0.1	Sent back to Supplier or re-processor or TSDF Site for incineration or Co-processing
Spent Carbon	28.3	Manufacturing Process	70	Deactivate , Washed and send to Recycler or Common TSDF Ramkey
out Off Specifications Drugs Date Expired Products	28.4, 28.5	Manufacturing Process	2.0	Send to MPWMP Ramkey for dispose or Inceneration

Spent Solvent	28.6	Manufacturing Process	362	Distillation & Reuse or Sale to Authorized Re-processor or Recycler.
Discarded Containers	33.1	Manufacturing Process	50	To Authorised Reprocessor / Recycler
Contaminated cotton rags or other cleaning material	33.2	Manufacturing Process	56	Send to MPWMP Ramkey for disposal
Chemical Sludge from waste water treatment	35.3	ETP Plant	1100	Send to MPWMP (Ramkey For Dsposal
Exhaust air or gas cleaning residue	35.1	From clean room plant	0.7	After washing send to authorized recycler or authorised TSDF Management services
Spent Ion Exchange Resin containing Toxic Metals	35.2	Process	5.00	Send to MPWMP (Ramkey For authorised TSDF Management services
Spent Carbon or Filter medium	36.2	From cetrifugal processing	2.0	After washing send to MPWMP (Ramkey) recycler or authorised TSDF Management services
Ash from incinerator and flu gas cleaning residue	37.2		100	Send to MPWMP (Ramkey For incineration)

After presentation, PP was asked to submit of following details:

1. Provide Quality of composition of Discharges and Emissions from the proposed project.
2. Commitment for solvent Recovery needs to be greater than 95%.
3. Need to include unit sizes in ETP scheme, also replacing Evaporator to MVR/MEE with capacity.
4. Air Pollution Control Measures cost to be included in EMP.
5. Specific trees to be included in the plantation slide. .
6. Body showers and Eye showers to be included in PPEs.

PP vide letter dated 18/03/2021 submitted reply of the above query. The query reply was placed before the committee, after deliberations, the submissions and presentation made

by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Manufacturing of Active Pharmaceutical Ingredients & Bulk Drug Intermediates at Plot No.13-B, Pithampur-6, Distt. Dhar, Madhya Pradesh - 454775 Capacity – 1608 MT/Annum . The proposed project falls under item no 5(f)-B2. Category- Synthetic Organic Chemicals Industry Project, subject to the following special conditions:

List of Proposed EC Product:

S.No	Product Details	Proposed Quantity (MT/PA)
1.	Manufacturing of API and Bulk Drug Intermediates	1608 MT/Annum

(A) **Statutory compliance:**

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) **Air quality monitoring and preservation**

1. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
2. Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
3. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended

from time to time shall be followed.

4. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
2. The net fresh water requirement shall be 100 KLD. The rejected water will be reused for gardening/green belt.
3. The industrial water requirement for the proposed project is 18 KLD per day sourced from AKVN. Total cumulative waste water generation from proposed unit will be 65 KLD and will be sent to ETP plant (50 KLD) followed by RO and MVR/MEE (20 KLD) and ATFD.
4. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
5. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
6. Total fresh water requirement shall not exceed 100 KLD.
7. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
8. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
9. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods,

silencers, enclosures etc. on all sources of noise generation.

2. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(H) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 1200KVA. The power will be supplied by Power Generator i.e. Grid power.

(I) Waste management

1. PP will be using Piped Natural Gas as a fuel in boiler.
2. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
3. As committed, 95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
4. Used or spent oil, Oil and Grease, distillation residues, Spent Catalyst, Spent solvent, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes, Chemical sludge from waste water treatment, Date Expired products, off specification products etc will be sent to TSDF/ authorized recyclers.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate firefighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.

10. Storage areas should be provided with adequate number of spill kits at suitable locations.
11. The spill kits should be provided with compatible sorbent material in adequate quantity.
12. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
13. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
14. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
15. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
16. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.

(J) Green Belt

1. 6040.60 sq. meter area will be covered with the good green belt .The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
3. PP shall also develop green belt along the road with 100 numbers of trees. Further PP shall develop green belt over community places in consultation with DIC or IMC.

(K) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting

infringements / deviation/ violation of the environmental / forest / wildlife norms / conditions and or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 1.44 Crore as capital and 17.46 Lakh /year as recurring cost. Following activities are proposed under social welfare:

S.No.	Activities (Corporate Social Responsibility)
1.	Development of toilets for girls in nearby Schools (Govt. Primary School Bagdun, Government middle school Mangroda)- 2 nos.

6. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
7. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J) Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, and also that during their presentation to the Expert

Appraisal Committee.

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

15. Case No 8338/2021 M/s Gawar Construction Ltd, Shri Parveen Kumar Jangra, Authorized Person, DSS-378, Sector 16-17, Dist. Hisaar, Haryana - 125005 Prior Environment Clearance for Stone Quarry in an area of 2.50 ha. (250000 cum per annum) (Khasra No. 2602), Village - Sihore, Tehsil - Narwar, Dist. Shivpuri (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2602), Village - Sihore, Tehsil - Narwar, Dist. Shivpuri (MP) 2.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 7652 dated: 06/03/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during scrutiny of documents it was observed by the committee that as per Ekal Pramanpatra issued vide letter number 7652 dated 06/03/20, the lease is located 05 kms away from the Son Charriya Abhayaran. PP submitted that as per MoEF&CC notification dated 15/09/17, the lease is located outside of notified SEZ as it is located 05 kms away from the Son Charriya Abhayaran. Committee asked PP to submit report issued by CF/DFO in this regard for further appraisal of this case.

16. Case No 8326/2021 Shri Vikash Mukhariya S/o Shri Rajendra Prasad Mukhariya, Ward No. 5, Patharia, Dist. Damoh, MP - 471318 Prior Environment Clearance for Stone Quarry in an area of 1.70 ha. (5634 cum per annum) (Khasra No. 19/1), Village - Berkhedhi, Tehsil - Buxwaha, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 19/1), Village - Berkhedhi, Tehsil - Buxwaha, Dist. Chhatarpur (MP) 1.70 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 915 dated: 05/03/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 5634 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 15.25 Lakh as capital and Rs 01.67 Lakh/year as recurring has proposed by PP.

17. Case No 8327/2021 Shri Prem Singh Thakur S/o Shri Somandar Singh Thakur, Medikiroad Water Works, Dist. Dewas, MP - 453220 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (3469 cum per annum) (Khasra No. 199, 201), Village - Pitawali, Tehsil - Dewas, Dist. Dewas (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 199, 201), Village - Pitawali, Tehsil - Dewas, Dist. Dewas (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 355 dated:

17/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that as per Google image based on coordinates provided by PP the entire lease area is surrounded by agriculture land. Moreover, PP stated that this is a private land. Committee after deliberation decided that mining on agricultural field shall not be encouraged and thus asked PP to submit soil testing analysis report particularly w.r.t. Nitrogen (N), Phosphorous (P) and Potassium (K) values from their field from any Government approved Soil Testing Laboratory for further consideration of the case.

18. Case No 8346/2021 Shri Ashok Singh S/o Shri Nanhe Singh, 138, Yamuna Nagar, Darpan Colony, Thatipur, Dist. Gwalior, MP - 474003 Prior Environment Clearance for Stone Quarry in an area of 2.970 ha. (119130 cum per annum) (Khasra No. 578), Village - Bilpura (Dimran), Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 578), Village - Bilpura (Dimran), Tehsil - Gohad, Dist. Bhind (MP) 2.970 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 Pramanpatra) letter no. 1957 dated: 29/01/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 01 tree is existing within lease area PP submitted that this tree shall be kept intact and no tree felling is proposed. During appraisal it was observed by the committee that PP has mentioned for the use of GW. PP submitted that mentioning use of ground water is a typographical error and no ground water will be used for the project. However, the water will be sourced from the Panchayat after their approval. The EMP and other submissions made by the PP were found to be satisfactory and

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

1. Production of Stone as per mine plan with quantity not exceeding 1,19,130 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 33.98 Lakh as capital and Rs 02.03 Lakh/year as recurring has proposed by PP.

19. Case No 8342/2021 Shri Madan Lal Sharma S/o Late Shri Bhagirath Sharma, Village - Chhapri, tehsil - Huzur, Dist. Bhopal, MP - 462043 Prior Environment Clearance for Stone Quarry in an area of 1.020 ha. (3040 cum per annum) (Khasra No. 144, 191/1/1), Village - Chhapri, Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 144, 191/1/1), Village - Chhapri, Tehsil - Huzur, Dist. Bhopal (MP) 1.020 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 Pramanpatra) letter no. 712 dated: 23/02/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.75 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a natural drain is existed at a distance of 50 meters in south side. It was further observed that part of lease is very narrow for which PP submitted that the narrow part of the lease shall be dealt as non- mining area and shown as dump area in the approved map. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 3040 cum/year.
2. A budgetary provision for Environmental management Plan of Rs.17.56 Lakh as capital and Rs 01.15 Lakh/year as recurring has proposed by PP.

20. Case No 8350/2021 M/s Simran Stone Crusher, Partner, Shri Ranveer Singh, Nahar Singh Rathore Ka Makan, Jaghav Colony, Vijay Nagar Tiraha, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 4.170 ha. (393300 cum per annum) (Khasra No. 1003, 1005, 1006, 1008), Village - Chharenta, Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1003, 1005, 1006, 1008), Village - Chharenta, Tehsil - Gohad, Dist. Bhind (MP) 4.170 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 Pramanpatra) letter no. 1991 dated: 10/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During appraisal it was observed by the committee that PP has mentioned for the use of GW. PP submitted that mentioning use of ground water is a typographical error and no ground water will be used for the project. However, the water will be sourced from the Panchayat after their approval. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 3,93,300 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 45.58 Lakh as capital and Rs 02.68 Lakh/year as recurring has proposed by PP.

21. Case No 8321/2021 Smt. Bhawna Chauhan W/o Shri Santosh Gudwan Singh, Seoda, Tehsil - Ashta, Dist. Sehore, MP - 466001 Prior Environment Clearance for Stone Quarry in an area of 3.30 ha. (19950 cum per annum) (Khasra No. 119/1), Village - Seoda, Tehsil - Ashta, Dist. Sehore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 119/1), Village - Seoda, Tehsil - Ashta, Dist.

Sehore (MP) 3.30 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 Pramanpatra) letter no. 508 dated: 05/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 490th meeting dated 16/03/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 490th meeting dated 16/03/2021. 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.

22. Case No 8333/2021 Shri Gourav Kushwaha S/o Shri Jitendra Kushwaha, Adarsh Colony, Dist. Katni, MP - 483501 Prior Environment Clearance for Stone Quarry in an area of 1.64 ha. (29988 cum per annum) (Khasra No. 15, 55), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15, 55), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP) 1.64 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. 795 dated: 17/02/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.14 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that pucca road is existed at a distance of 50 meters in NS side of the lease. After presentation the committee asked to submit following details:

- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 29,988 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.40 Lakh as capital and Rs 1.92 Lakh/year as recurring has proposed by PP.

23. Case No. – 6404/2019 Shri Vivek Kumar Singh S/o Shri Arvind Kumar Singh, Village & Post - Chhitauni, Chaubeyour, Dist. Varanasi, UP – 486886. Prior Environment Clearance for Stone Quarry in an area of 2.80 ha. (24,767 cum per annum) (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP) 2.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1015 dated: 18/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 388th SEAC meeting dated 08.08.2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation and discussion in 392nd SEAC meeting dated 29/08/2019, wherein it was recorded that: 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 (>100)	Within lease	-	

The case was presented by the PP and their consultant, wherein it was observed by committee that most part of the lease is covered by trees for which PP submits that these are shrubs and they have submitted inventory of these shrubs. PP further commit that these will be up-rooted only after approval of competent authority. After presentation, committee deliberated that as per the co-ordinates provided by the PP, the lease is located on two hillocks and most parts (> 70%) of the lease is covered with fully grown trees which are in existence since 2012. (As per the available past Google images) Only some part in the middle of the lease is available for mining. Committee further observed that Tehsildar in his Ekal Praman Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease. Committee after deliberations recommends that EC is not recommended for this case as the most parts of the lease is covered by “Sendha” trees as per the Ekal Praman Patra by Tehsildar and observed by committee through Google image.

SEIAA vide letter no 2578 dated 14/10/2019 has forwarded this case to SEAC by stating that: PP has given representation vide letter dated 13/09/2019 that no trees shall be uprooted from lease area in northern and southern part within ML. Only 5-6 trees shall require to be uprooted after taking necessary permission from the concerned Authority. PP has submitted revised calculation table showing the reduced mineable reserve considering no mining zone. Considering above, PP has requested to reconsider the case.

Based on above submission this case was placed before the committee for discussion. The case was presented PP and their consultant wherein PP submitted that in the middle of the lease some area is available for mining and the area occupied by trees will be left as non mining area. Committee after deliberation decided that Since Tehsildar in his Ekal Praman

Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease, committee after deliberation decided to carry-out the site visit of the QL area for further consideration of this project and to verify the submission made by PP that some area is available for mining leaving area occupied by trees as non mining area.

PP’s reply not received till date and it appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 655th SEIAA meeting dtd. 29/01/2021 and it was recorded that..

The case was discussed in 643rd SEIAA meeting dated 16/10/2020 and it was recorded that...

The case was discussed in 461st SEAC meeting dated 06/10/2020 and it was recorded that PP reply not received till date and it appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-1 cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relist for appraisal.

PP has submitted required documents vide L.No. NIL dated 25/11/2020 received in SEIAA Office 25/11/2020 to relist the case as PP is now ready to present their case in SEAC Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

The case was scheduled in 485th meeting dated 25/02/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which

might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 487th meeting dated 05/03/2021 & 485th meeting dated 25/02/2021. 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 487th meeting dated 05/03/2021 & 485th meeting dated 25/02/2021. 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.

24. Case No 8288/2021 M/s Ma Vindhyavasini Stone Crusher, 604, Satyam Residence, City Center, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (16150 cum per annum) (Khasra No. 8/14), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/14), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 733 dated: 02/02/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.50 ha., including this mine.

The case was scheduled in 488th meeting dated 10/03/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that water filled an old excavated pit area is seen in the north side of the lease. and some trees are also existing within lease area. PP submitted that this was an old mine pit which is not in operation and safety measures shall be taken, moreover eastern part of the lease , where group of trees are existed shall be dealt as no mining area and those trees which are existing in the western & northern part shall be uprooted. After presentation the committee asked to submit following details:

- Felling of 10 trees which are in the western & northern part shall be uprooted hence, PP's commitment that additionally 100 nos of trees shall be planted as compensatory plantation after taking permission from the competent authority.
- Revised surface plan.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 16,150 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.84 Lakh as capital and Rs 3.385 Lakh/year as recurring has proposed by PP.

25. Case No 8330/2021 Shri Virendra Pratap Singh S/o Shri Chandrakeshwar Pratap Singh, Village - Karimati, Tehsil - Bandhavgarh, Dist. Umariya, MP - 484661 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12377 cum per annum) (Khasra No. 142/1 Part), Village - Silpari, Tehsil - Bilaspur, Dist. Umariya (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 142/1 Part), Village - Silpari, Tehsil -

Bilaspur, Dist. Umariya (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 426 dated: 01/03/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.210 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a pucca road at >350 m at south side and 03 trees are also existing within lease area. PP submitted that trees felling are proposed after taking permission from the competent authority. After presentation the committee asked to submit following details:

- Felling of 03 trees are proposed hence, PP's commitment that additionally 30 nos of trees shall be planted as compensatory plantation after taking permission from the competent authority.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 12,377 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.60 Lakh as capital and Rs 3.29 Lakh/year as recurring has proposed by PP.

26. Case No 8331/2021 Shri Saksham Shroti S/o Shri Sanjay Shroti, Friends Colony, Tehsil & Dist. Tikamgarh, MP - 472339 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (25000 cum per annum) (Khasra No. 651), Village - Ramnagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 651), Village - Ramnagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector letter no. 1296 dated: 26/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated . PP submitted that it is very old pit and they have got this lease in such condition and the pit has shown on surface map. Also, a natural drain is existed at a 180 m in the western side and a C.C. road at 160 m in the eastern side. Moreover, another lease is seen within 500 meters around this mine while MO stated there are no more mines operating or proposed within 500 meters. After presentation the committee asked to submit following details:

- Justification from M.O. regarding another lease is seen within 500 meters around this mine.
- Revised surface plan.
- Justified production vis-à-vis pit bottom space.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 25,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.45 Lakh as capital and Rs 3.61 Lakh/year as recurring has proposed by PP.

27. Case No 8332/2021 Smt. Mamta Rai W/o Shri Damodar Rai, Kalarpur Kasba, Tehsil & Dist. Sehore, MP - 466001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (5096 cum per annum) (Khasra No. 45/2, 46/4), Village - Mographool, Tehsil - Sehore, Dist. Sehore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 45/2, 46/4), Village - Mographool, Tehsil - Sehore, Dist. Sehore (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 2165 dated: 26/02/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. A kachcha road is existed at 10 m in the east side . PP submitted that a crusher is also proposed. After presentation the committee asked to submit following details:

- Revised location of crusher.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 5096 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 17.79 Lakh as capital and Rs 3.40 Lakh/year as recurring has proposed by PP.

28. Case No 8343/2021 Shri Indrapal Singh Rajpoot S/o Shri Mahendra Singh, Village - Dandi, Post - Kanti, Dist. Damoh, MP - 471318 Prior Environment Clearance for Stone Quarry in an area of 1.727 ha. (19998 cum per annum) (Khasra No. 6/1, 6/2), Village - Pondi, Tehsil - Bakswaha, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 6/1, 6/2), Village - Pondi, Tehsil - Bakswaha, Dist. Chhatarpur (MP) 1.727 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 Pramanpatra) letter no. 724 dated: 22/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. Moreover, within lease a natural drain is crossing the lease from south to north PP submitted this part of the lease shall be dealt as non- mining area and only right side of the lease area will be use for mining purpose. After presentation the committee asked to submit following details:

- Revised production plan showing non- mining area.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 19,998 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 17.07 Lakh as capital and Rs 3.61 Lakh/year as recurring has proposed by PP.

29. Case No 8319/2021 Shri Yashraj Giri S/o Late Shri Dev Giri, R/o Village - Gajanan House, Tehsil & Dist. Tikamgarh, MP - 472001 Prior Environment Clearance for Stone Quarry in an area of 2.799 ha. (19500 cum per annum) (Khasra No. 28/2), Village - Shrinagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 28/2), Village - Shrinagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 2.799 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. 1265 dated: 18/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. The case was scheduled in 490th meeting dated 16/03/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. Moreover, a pond is existed at a distance of 330 m in the NE side of the lease . After presentation the committee asked to submit following details:

- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 19,500 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 26.26 Lakh as capital and Rs 3.56 Lakh/year as recurring has proposed by PP.

30. Case No 8320/2021 Shri Ved Prakash Pathak S/o Shri Rama Shankar Pathak, R/o, Village - Dhamna, Tehsil - Rajnagar, Dist. Chhatarpur, MP - 471515 Prior Environment Clearance for Stone Quarry in an area of 1.299 ha. (50000 cum per annum) (Khasra No. 1542), Village - Parei, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1542), Village - Parei, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.299 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. 638 dated: 16/02/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 490th meeting dated 16/03/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that 06 nos of trees are existing within lease area. PP submitted that these trees are proposed for felling. After presentation the committee asked to submit following details:

- Felling of 06 trees are proposed hence, PP's commitment that additionally 30 nos of trees shall be planted as compensatory plantation after taking permission from the competent authority.
- Revised EMP as per revised format.

PP has submitted the response of above quarries same date vide letter dated 18.03.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 50,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 23.32 Lakh as capital and Rs 3.97 Lakh/year as recurring has proposed by PP.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/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 CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.

Annexure- 'B'
Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
28. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.

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

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.

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

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis

of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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

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