

The 475th meeting of the State Expert Appraisal Committee (SEAC) was held on 28th January, 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 8063/2021 M/s D.S. and Company, Authorised Person, Shri Jitendra Singh Bhadoriya, Ward No. 14, Old Khirhani Naka, Vinova Bhawe Ward, Dist. Ratlam, MP Prior Environment Clearance for Sand Quarry in an area of 1.780 ha. (3000 cum per annum) (Khasra No. 126), Village - Karankhedi, Tehsil - Jaora, Dist. Ratlam, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 126), Village - Karankhedi, Tehsil - Jaora, Dist. Ratlam, (MP) 1.780 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 49 dated: 23/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of lease is under submergence, for which PP shall submit

revised plan by leaving submerged area as non-mining zone. After presentation the committee asked to submit following details:

- Justification regarding river name as during presentation PP submitted that the name of river is Maleni while in Ekal praman part it is mentioned as Chambal.
- Part of lease submerged in water thus revised production plan leaving non mining area with photographs of the lease area.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 3000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.58 Lakh as capital and Rs 03.26 Lakh/year as recurring are proposed by PP.

2. Case No 8064/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 5.0 ha. (1000 cum per annum) (Khasra No. 01), Village - Palwat, Tehsil - Dahi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 01), Village - Palwat, Tehsil - Dahi, Dist. Dhar, (MP) 5.0 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 Praman-Patra) letter no. 1073 dated: 27/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the southern part of the lease is located in the confluence point to

the main river committee asked PP to left 50 meter area from the confluence point as no mining, for which PP shall submit revised plan by leaving this submerged area as non-mining zone. After presentation the committee asked to submit following details:

- Revised production plan leaving 50 meter area from the confluence point as no mining.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the from the confluence point as no mining the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.71 Lakh as capital and Rs 06.70 Lakh/year as recurring are proposed by PP.

3. Case No 8065/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (1000 cum per annum) (Khasra No. 83), Village - Birlai, Tehsil - Kukshi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 83), Village - Birlai, Tehsil - Kukshi, Dist. Dhar, (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1059 dated: 27/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by

PP, it was observed that the river is crossing the lease hence, part of lease is under submergence, for which PP shall submit revised plan by leaving this river occupied area as non-mining zone. After presentation the committee asked to submit following details:

- Justification regarding river name as same is not matching with Ekal praman patra and in presentation.
- Revised production plan leaving river occupied area as non mining area.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.19 Lakh as capital and Rs 05.66 Lakh/year as recurring are proposed by PP.

4. Case No 8066/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, Dist. Dhar, (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1045 dated: 27/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that two road bridges are built on highways which are located both side of the lease as in the east and west side of the lease area thus mandatory safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC. After presentation the committee asked to submit following details:

- Revised production plan leaving safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 2000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.27 Lakh as capital and Rs 05.67 Lakh/year as recurring are proposed by PP.

5. Case No 8067/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (1000 cum per annum) (Khasra No. 582), Village - Kanpsi, Tehsil - Kukshi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 582), Village - Kanpsi, Tehsil - Kukshi, Dist. Dhar, (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1076 dated:

27/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the another stream is joining the main river hence, committee asked PP to maintain 50 meter safety distances from the stream as no mining area, for which PP shall submit revised plan by leaving this submerged area as non-mining area. After presentation the committee asked to submit following details:

- Justification regarding river name with copy of toposheet.
- Revised production plan with maintaining 50 meter safety distances area from the stream as no mining area.
- Sand replenishment plan, the calculation shall be based on Dandy Bolton formula.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand with maintaining 50 meter safety distances area from the stream as no mining the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.415 Lakh as capital and Rs 04.40 Lakh/year as recurring are proposed by PP.

6. Case No 8068/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP - 462016 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (2000 cum per annum) (Khasra No. 77), Village - Implipura, Tehsil - Dharampuri, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 77), Village - Implipura, Tehsil - Dharampuri, Dist. Dhar, (MP) 3.0 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 Praman-Patra) letter no. 1078 dated: 22/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that another mine is situated within 500 meter of 1.0 ha., whereas M.O. has reported that there are no more mines operating or proposed within 500 meters around the said mine. After presentation the committee asked to submit following details:

- Revised M.O. certificate regarding mines operating or proposed within 500 meters around this mine.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. It was observed by the committee that as per the revised certificate another mine is located within 500 meters and the total area including both mines is 4.00 ha. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 2000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.81 Lakh as capital and Rs 04.53 Lakh/year as recurring are proposed by PP.

7. Case No 8069/2020 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP - 462016 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (1000 cum per annum) (Khasra No. 01), Village - Kanpsi, Tehsil - Kukshi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 01), Village - Kanpsi, Tehsil - Kukshi, Dist. Dhar, (MP) 3.0 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 Praman-Patra) letter no. 1063 dated: 27/5/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of lease is under submergence, for which PP shall submit revised plan by leaving this submerged area as non-mining zone. After presentation the committee asked to submit following details:

- Justification regarding river name.
- Part of lease submerged in water thus revised production plan leaving non mining area with photographs of the lease area.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.32 Lakh as capital and Rs 04.57 Lakh/year as recurring are proposed by PP.

8. Case No 8080/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP - 462016 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (1000 cum per annum) (Khasra No. 351), Village - Banki, Tehsil - Kukshi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 351), Village - Banki, Tehsil - Kukshi, Dist. Dhar, (MP) 3.0 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 Praman-Patra) letter no. 1067 dated: 27/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining and having optimum quantity of sand as per replenishment plan. After presentation the committee asked to submit following details:

- Justification regarding river name.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.31Lakh as capital and Rs 04.56 Lakh/year as recurring are proposed by PP.

9. Case No 8081/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 1.0 ha. (800 cum per annum) (Khasra No. 59), Village - Imlipura, Tehsil - Dharampuri, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 59), Village - Imlipura, Tehsil - Dharampuri, Dist. Dhar, (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 Praman-Patra) letter no. 1051 dated:

27/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that another mine is situated within 500 meter of 3.0 ha. whereas M.O. has reported that there are no more mines operating or proposed within 500 meters around the said mine. A stop dam is existed at a distance of 60 meters in the north side of the lease PP will left additional 40 meters towards lease as no mining area. After presentation the committee asked to submit following details:

- Revised M.O. certificate regarding mines operating or proposed within 500 meters around this mine.
- Revised production plan leaving additional 40 meters from stop dam to lease as non- mining area.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. It was observed by the committee that as per the revised certificate another mine is located within 500 meters and the total area including both mines is 4.00 ha. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 800 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 3.33 Lakh as capital and Rs 02.23 Lakh/year as recurring are proposed by PP.

10. Case No 8085/2021 Shri M/s Vivek patel, Patel Ward, Bakhar Kandeli, Dist. Narsinghpur, MP - 464224 Prior Environment Clearance for Sand Quarry in an area of 1.0 ha. (4000 cum per annum) (Khasra No. 295), Village - Gohachi, Tehsil - Basoda, Dist. Vidisha (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 295), Village - Gohachi, Tehsil - Basoda, Dist. Vidisha (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 Praman-Patra) letter no. 1380 dated: 25/7/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that most part of lease is under submergence for which PP shall submit revised plan by leaving this submerged area as non-mining zone as the sanctioned volume is very less (only 4000 cum/year) and minable area is available during summer season after February. PP further stated that mining inspector in his site visit report (prior to lease sanction) dated 21/05/2019 has stated that lease is minable in summer period. After presentation the committee asked to submit following details:

- Copy of Mining Inspector site visit report dated 21/05/2019.
- Part of lease submerged in water thus revised production plan leaving non mining area with supporting photographs of the lease area.
- Revised plantation species remove Amla from the plantation list as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 4000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.76 Lakh as capital and Rs 01.959 Lakh/year as recurring are proposed by PP.

11. Case No 8086/2021 Shri M/s Vivek patel, Patel Ward, Bakhar Kandeli, Dist. Narsinghpur, MP - 464224 Prior Environment Clearance for Sand Quarry in an area of 1.0 ha. (5000 cum per annum) (Khasra No. 82), Village - Bothighat, Tehsil - Kurwai, Dist. Vidisha (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 82), Village - Bothighat, Tehsil - Kurwai, Dist. Vidisha (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 Praman-Patra) letter no.1381 dated: 25/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that most part of lease is under submergence for which PP shall submit revised plan by leaving this submerged area as non-mining zone as the sanctioned volume is very less (only 5000 cum/year) and minable area is available during summer season after February. PP further stated that mining inspector in his site visit report (prior to lease sanction) dated 10/06/2019 has stated that lease is minable in summer period. After presentation the committee asked to submit following details:

- Copy of Mining Inspector site visit report dated 10/06/2019.
- Part of lease submerged in water thus revised production plan leaving non mining area with supporting photographs of the lease area.
- Revised plantation species remove Amla from the plantation list as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 5000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.33 Lakh as capital and Rs 01.817 Lakh/year as recurring are proposed by PP.

12. Case No 8078/2020 Shri M/s Vivek patel, Patel Ward, Bakhar Kandeli, Dist. Narsinghpur, MP - 464224 Prior Environment Clearance for Sand Quarry in an area of 1.20 ha. (4000 cum per annum) (Khasra No. 563), Village - Letani, Tehsil - Kurwai, Dist. Vidisha (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 563), Village - Letani, Tehsil - Kurwai, Dist. Vidisha (MP) 1.20 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1382 dated:25/7/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that most part of lease is under submergence for which PP shall submit revised plan by leaving this submerged area as non-mining zone as the sanctioned volume is very less (only 4000 cum/year) and minable area is available during summer season after February. PP further stated that mining inspector in his site visit report (prior to lease sanction) dated 10/06/2019 has stated that lease is minable in summer period. After presentation the committee asked to submit following details:

- Copy of Mining Inspector site visit report dated 10/06/2019.
- Part of lease submerged in water thus revised production plan leaving non mining area with supporting photographs of the lease area.
- Revised plantation species remove Amla from the plantation list as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 4000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.65 Lakh as capital and Rs 02.04 Lakh/year as recurring are proposed by PP.

13. Case No 7935/2020 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 6.290 ha. (1000 cum per annum) (Khasra No. 246), Village - Nayakheda-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. 246), Village - Nayakheda-1, Tehsil - Udaipura, Dist. Raisen (MP) 6.290 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 2293 dated: 02/9/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 7.099 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.

14. 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 Praman-Patra) 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.

15. Case No 7949/2020 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 5.150 ha. (1000 cum per annum) (Khasra No. 510), Village - Ketodhan-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. 510), Village - Ketodhan-1, Tehsil - Udaipura, Dist. Raisen (MP) 5.150 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 2293 dated: 02/9/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 10.006 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.

16. Case No 7950/2020 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 3.0 ha. (1000 cum per annum) (Khasra No. 510), Village - Ketodhan-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. 510), Village - Ketodhan-2, Tehsil - Udaipura, Dist. Raisen (MP) 3.0 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 Praman-Patra) 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 11.356 ha. including this mine.

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.

17. 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.

18. Case No 7937/2020 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 0.809 ha. (1000 cum per annum) (Khasra No. 246), Village - Nayakheda, 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. 246), Village - Nayakheda, Tehsil - Udaipura, Dist. Raisen (MP) 0.809 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 2293 dated: 02/9/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 7.099 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.

19. 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 Praman-Patra) 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, 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.

20. Case No 6789/2020 Smt. Anju Choudhari, Keolari, Dist. Seoni, MP. Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (60,000 cum per annum) (Khasra No. 315 Part), Village - Bichhuaraiyat, Tehsil - Keolari, Dist. Seoni (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 315 Part), Village - Bichhuaraiyat, Tehsil - Keolari, Dist. Seoni (MP). 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 797 dated 02.12.2019 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine total area of 25.61 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 424th SEAC meeting dated 12/02/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 31/12/2020 which was forwarded by SEIAA vide letter no. 5576 dated 11/01/2021, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP stated chronology of the project as:

ACTIVITY	DATE
Lease sanctioned	On date 24.12.2018 vide letter no. 1788/khanij/2018/543/ Seoni (for 10 years i.e. up to 23-12-2028)
Mining Plan approval	On date 11.03.2019 vide letter no. 578/khanij/N.K./2018
TOR grant on	On date 28.02.2020 vide letter 116/PS-MS/MPPCB/SEAC/TOR/ (424)/2019
Public hearing advertisement on	On date 24/09/2020
Public hearing conducted on	On date 28.10.2020

Following details of this project were submitted by the PP:

- Mining will be done by opencast semi-mechanized method with drilling and controlled blasting in hard rock sections using sand bags.
- The overburden comprises top soil, murum (0.5 m). Top soil (0.5m) will be removed by using either Pick axes (Kudali), Spade & square mouth shovels, or Scraper, and will be stacked for the subsequent plantation during the mining plan period.
- During each year, approx. 27708 m² areas will be excavated. During the first 5 years, The mining will reach up to 432mRL, i.e., 9 to 12 m below the lowest ground level within the lease area during plan period. The mining will be done by forming benches. In the first year bench of av. 4m height will developed in OB & crusher stone. Bench in stone will be 3 meter after removing the 0.5 m soil/murum).
- At the end of plan period, area of the pit will be 3.3296 Ha., and the pit level will be 15 mbgl.

- 5 m wide haulage roads will be maintained and developed at required places with gradient of Mine Site 1:141.
- At conceptual stage, the excavated area will be approx. 3.3296 Ha & the ultimate pit level will be 15 bgl which will be developed as water reservoir.
- Wet drilling will be performed to control fugitive dust
- Fugitive dust from blasting will be controlled by stemming of the blast holes and by covering the blast area with corrugated sheets and sand bags.
- The area under excavation will be sprinkled with water
- Periodic water sprinkling will be done on haul and approach roads.
- Three-tier plantation will be carried out in the barrier zone during the first 5 years of mining, which will help in combating the air pollution.
- The trucks with loading material will be covered with tarpaulin sheets and Speed of the vehicles will be maintained within the prescribed limits.
- Only “Pollution Under Control” certified vehicles will be used for transportation
- Regular maintenance of vehicles and machines like excavator, dumpers, drill machine will be carried out in order to control emissions.
- Provision of dust filters/ mask to workers working at highly dust prone and affected areas.
- To prevent the siltation, garland drain along with settling tank will be constructed around the lease area to maintain the natural flow of surface run-off during rains.
- Rain water collected in the excavated area will be pumped into the garland drain upstream of settling pit.
- Garland drain with settling tank will be provided around the reject dumps to control carry-over of surface-run-offs.
- Settling tanks will be de-silted regularly, especially before onset of the monsoon season.
- No effluent will be generated from the mining operation.
- Sewage from washrooms will be treated in septic tanks and disposed in Soak pits.
- Water conservation measures will be implemented to minimize the consumption of water.

After presentation and deliberation, PP was asked to submit following information:

1. Detailed reply on complaint raised by Shri Brajesh Yadav and villagers during public hearing.
2. Revised top soil management plan.
3. Revised CER activities with physical targets.
4. Pit bottom space in terms of length & width.

PP vide their letter dated 28.01.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Crusher Stone Quarry in an area of 4.00 ha. (60,000 cum per annum) (Khasra No. 315 Part), Village - Bichhwaraiyat, Tehsil - Keolari, Dist. Seoni (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

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

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.

19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 7200 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 828M X 1.5M X 2M. The settling tank will be 02 in number of size 10m x 02 m x 02.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. N	USE	PRESENT Area (Hectare)	AT THE END OF MINE LEASE PERIOD Area (Hectare)
1.	PITS	0.00	0.00
2.	PLANTATION (within Barrier Zone)	0.00	0.6704
3.	RESERVOIR	0.00	3.3296
4	Shed & crusher	0.00	0.00
5	UNUSED	4.00	0.00

TOTAL	4.0	4.0
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28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs.14.01 Lakh is proposed and Rs.12.26 Lakh /year as recurring expenses.
34. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :
 - Preparing drainage system (20 meters) in village Bichhuaraiyat.
 - Training for skill development women's i.e. stitching embroidery (20 Numbers) at village Bichhuaraiyat .
 - Health awareness camps (30 peoples) for local community in village Bichhuaraiyat .
 - Providing street light (1 number) in Village Bichhuaraiyat .
 - PP shall ensure to maintain village road (30 meters).
 - Cost of development of grazing land (33296 square meter) in the village area (Charnoi Bhoomi).
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

21. Case No. – 6267/2019 Shri Durga Prasad Sahu S/o Late Shri Sitaram Sahu, Galla Mandi, Tehsil - Keolari, Dist. Seoni, MP Prior Environment Clearance for Stone Quarry in an area of 4.380 ha. (52,818 cum per annum) (Khasra No. 309, 310 Part), Village - Bichhuawa Raiyat, Tehsil - Keolari, Dist. Seoni (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 309, 310 Part), Village - Bichhuawa Raiyat, Tehsil - Keolari, Dist. Seoni (MP) 4.380 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1746 dated: 12/12/18 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine with total area of 10.72 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 405th SEAC meeting dated 08/11/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 04/01/2021 which was forwarded through SEIAA vide letter no. 5574 dated 11/01/2021, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP stated chronology of the project as:

ACTIVITY	DATE
Lease sanctioned	On date 05.10.2018 vide letter no 1445A/Khanij/U.P./2018, Dhar (for 10 years i.e. up to 05/10/2028)
Mining Plan approval	On date 12.12.2018 vide letter no. 4565/khanij/N.K./2018
TOR grant on	On date 26/12/2019
Public hearing advertisement on	On date 24/09/2020

Public hearing conducted on	On date 28.10.2020
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Following details of this project were submitted by the PP:

- Mining will be done by opencast semi-mechanized method with drilling and controlled blasting in hard rock sections using sand bags.
- The overburden comprises top soil, Murrum & Basalt. Top soil (0.01m) will be removed by using either Pick axes (Kudali), Spade & square mouth shovels, or Scraper, and will be stacked for the subsequent plantation during the mining plan period.
- During each year, approx. 41854 m² areas will be excavated. During the first 5 years, production will be done in 3 benches, each of 3 m height. The 1st bench (442 m to 439 m RL) will be 3m. the 2nd and the 3rd benches of 3 m each in basalt stone bed. At the end of 5 years the depth will be 9m BGL (433 mRL).
- At the end of plan period, area of the pit will be 3.7065 Ha., and the pit level will be 9 mbgl.
- 5 m wide haulage roads will be maintained and developed at required places with gradient of 1:131
- At conceptual stage, the excavated area will be approx. 3.7065 Ha & and the ultimate pit level will be 9m bgl which will be developed as water reservoir.

After presentation and deliberation, PP was asked to submit following information:

1. Detailed reply on complaint raised by Shri Brijesh Yadav and villagers during public hearing.
2. Revised top soil management plan.
3. Revised CER activities with physical targets.
4. Pit bottom space in terms of length & width.

PP vide their letter dated 28.01.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Stone Quarry in an area of 4.380 ha. (52,818 cum per annum) (Khasra No. 309, 310

Part), Village - Bichhuawa Raiyat, Tehsil - Keolari, Dist. Seoni (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

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

(B) MINING OPERATIONAL PHASE

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

20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 7884 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 908M X 1.5M X 2M. The settling tank will be 02 in number of size 10m x 02 m x 02.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. N	USE	PRESENT Area (Hectare)	AFTER Next 5 YEAR Area/ AT THE END OF MINE LEASE PERIOD (Hectare)
1.	PITS	0.00	0.00
2.	PLANTATION (within Barrier Zone)	0.00	0.6735
3.	RESERVOIR	0.00	3.7065
4	SHED & CRUSHER	0.00	0.00
5	UNUSED	4.38	0.00
TOTAL		4.38	4.38

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs.14.32 Lakh is proposed and Rs.11.88 Lakh /year as recurring expenses.
34. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :
 - Provide school furniture (4 Numbers) and writing board (2 Numbers) at Primary School Bichhuawa Raiyat.
 - Installation of water filters (1 Number)at Primary School Bichhuawa Raiyat.
 - Repairing (5 meters) and white wash (650 sqm) of school building and leveling of school play ground
 - Installation a hand pump (02 Numbers) at village common area at village Bichhuawa Raiyat.
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

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

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 499 Part), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.625 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3229 dated: 12/11/2020 has reported that there are 10 more mines operating or proposed within 500 meters around the said mine with total area of 27.278 ha., including this mine.

The case was scheduled in 473rd meeting dated 07/01/2021 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 SEAC 473rd meeting dated 07/01/2021. 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.

23. Case No 8034/2020 M/s Navalsingh Sahakari Shakkar Karkhana Maryadit, Shri R.N.Gupta, Managing Director, Navalnagar - Ziri, Tehsil & Dist. Burhanpur, MP Prior Environment Clearance for Proposed Molasses Based Distillery Plant of 30 KLPD at Village - Navalnagar - Ziri, Dist. Burhanpur, (MP)

This is case of Prior Environment Clearance for Proposed Molasses Based Distillery Plant of 30 KLPD at Village - Navalnagar - Ziri, Dist. Burhanpur, (MP).

The case was scheduled in 474th meeting dated 08/01/2021 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 474th meeting dated 08/01/2021. 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.

24. Case No 8060/2021 M/s Jaideep Ispat & Alloys Pvt. Ltd, 103, Laxmi Tower, 1st floor, 576, M.G.Road, Dist. Indore, MP Prior Environment Clearance for Expansion in Production Capacity and Addition of Product from 475000 TPA Ingots/Billets to 750000 TPA Billets, Blooms & Molten Metal and Expansion of Existing Rolling Mill from 475000 TPA TMT Bars to 725000 TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, Guarders) & all types of MS Rolled products - 725000 at Plot No. 808A, 808B, 808C, 808D, 808E, 808F in Notified Industrial Area, Pithampur, Dist. Dhar (MP). Category: 3(a)

This is case of Prior Environment Clearance for Expansion in Production Capacity and Addition of Product from 475000 TPA Ingots/Billets to 750000 TPA Billets, Blooms & Molten Metal and Expansion of Existing Rolling Mill from 475000 TPA TMT Bars to 725000 TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, Guarders) & all types of MS Rolled products - 725000 at Plot No. 808A, 808B, 808C, 808D, 808E, 808F in Notified Industrial Area, Pithampur, Dist. Dhar (MP). Category: 3(a).

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. During presentation PP submitted that this is expansion of existing Rolling Mill from 475000 TPA TMT Bars to 725000 TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, guarders) & all type of MS Rolled products. PP submitted that By the order dtd. 15/06/2017 of the NATIONAL COMPANY LAW TRIBUNAL AHMEDABAD BENCH M/s Rathi Iron & Steel Industries Ltd. & other units are amalgamated with M/s Jaideep Ispat & Alloys Pvt. Ltd. (JIAPL). M/s JIAPL having the following units, which are having EC in adjoin plots in the Pitahampur Industrial area.

S.No.	Name of Unit	Location	Capacity	EC/Consent
1	M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2)	Plot No. 808E, I/A Pithampur Dist Dhar	225000 TPA 250000 TPA	EC Obtained and CTE Obtained.
2	Rathi Iron & Steel Industries Ltd.	Address - plot No. 808A, 808B & 808C Sector-3, Industrial area Pithampur	250000 TPA 225000 TPA	EC Obtained and CTE Obtained.

In view of the Amalgamation order from NCLT, both the above ECs are amalgamated, and an amalgamated EC has been issued by MP SEIAA vide letter No. 382/SEIAA/2019 dated 25/04/2019 in name of M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2) for the following products and capacities:

S. No.	Name of Unit	Location	Products	Capacity
1	M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2)	Plot No. 808A, 808B, 808C, & 808E, I/A Pithampur Dist Dhar	Ingots / Billets TMT Bars	475000 TPA 475000 TPA

In view of increasing market demand and existing infrastructure M/s JIAPL is proposed the enhance the production capacity of their industrial complex, details of capacities are as follows:

S. No.	Name of Unit	Location	Products / Capacity	
			Existing	Proposed
1	M/s Jaideep Ispat & Alloys Pvt. Ltd.	Plot No. 808A, 808B, 808C, & 808D, 808E, & 808F I/A Pithampur Dist Dhar	Ingots / Billets- 475000 TPA TMT Bars – 475000 TPA	Billets, Blooms & Molten Metal (semi finished products) - 750000 TPA TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, guarders) & all type of MS Rolled products – 725000

PP further submitted that they have started collected baseline data of the study area from Octo., Nov.2020 to Jan. 2021. Committee after deliberations decided that being expansion project the EIA should be carried out hence, recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. PP shall be conducted Performance Study of Secondary Fumes Extraction System (SFES).

2. Compliance of earlier EC conditions issued by competent authority shall be submitted with EIA report.
3. Characterization of slag and its utilization potential should be discussed in EIA report.
4. Adequate numbers of mechanical sweeping machines shall be proposed in EMP to avoid dust in ambient environment and same shall be discussed in EIA with justification.

25. Case No 8083/2020 M/s Unity Pulp & Papers Pvt. Ltd, Shri Aman Singh Sandhu, General Manager, 13-14, Industrial Estate, Kheda, Itarsi, Dist. Hoshangabad, MP - 461111 Prior Environment Clearance for Manufacturing of API Products namely Imidazole and 2-Methylimidazole of capacity 2000 MTPA for each products at Plot No. D-21, D-22, Notified Industrial Area, Mandideep, Dist. Raisen, (MP). Category - 5(f)

This is case of Prior Environment Clearance for Manufacturing of API Products namely Imidazole and 2-Methylimidazole of capacity 2000 MTPA for each products at Plot No. D-21, D-22, Notified Industrial Area, Mandideep, Dist. Raisen, (MP). Category -5(f) (As per EIA notification dated 14th September 2006 and amended to the date) and involves environmental clearance. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

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

- M/s. Unity Pulp & Papers propose to set-up industrial unit for manufacturing of API products namely Imidazole and 2-Methylimidazole of capacity 2000 MTPA for each at Plot No. D-21 & D-22, Notified Industrial area, Mandideep Dist. Raisen. (M.P.)
- The project is falls under schedule 5(f) of the EIA Notification 2006 and its amendments and category B-2, vide S.O. 123(E) dated 27/03/2020, API Products shall be appraised as Category-B2

The list of proposed product to be manufactured

S. No.	Name of product	Proposed Capacity

1	Imidazole HSN code 2933	2000 MTPA
2	2-Methyl Imidazole HSN code 2933	2000 MTPA

Imidazole is an organic compound with the formula $C_3N_2H_4$. It is a white or colorless solid that is soluble in water, producing a mildly alkaline solution. In chemistry, it is an aromatic heterocyclic, classified as a diazole, and has non-adjacent nitrogen atoms.

2-Methylimidazole is an organic compound that is structurally related to imidazole with the chemical formula $CH_3C_3H_2N_2H$. It is a white or colorless solid that is highly soluble in polar organic solvents and water. It is a precursor to a range of drugs such as Ornidazole, metronidazole etc.

List of Raw Materials:

Sr. No.	Name of Raw Material	Proposed(MTPA)	Storage (MT/Week)
1	Glyoxal	2500	40
2	Formaldehyde	1400	20
3	Ammonium Bicarbonate	2000	90
4	Oxalic Acid	150	5
5	Acetaldehyde	600	30
6	Ammonium Oxalate	600	30
7	DCM	100	2
8	Ammonia gas	1000	25
9	Ammonium Hydroxide	1000	25

- 100% Ammonium Oxalate is recovered
- 2% of DCM is Lost as vapors
- 2% of Ammonia gas is lost as vapour

- The filtered water stream of 3000Kgs contains 78Kgs of unreacted glyoxal that is reused in the reaction.

PP further stated that this is a ZLD based unit where solvent recovery shall be expected upto 98%. OSHA guideline for safety shall also be followed. Committee asked PP to retain water vapour generated during drying process for Imidazole production and explore possibility to reuse /recycle it.

After presentation committee asked PP to submit the following information:

1. PP's undertaking that plot no. D21 & D22, Notified Industrial Area, Mandideep, Dist. Raisen, (MP) will now be used only for manufacturing of API. Previous consented products will not be produced.
2. Plant lay-out showing all the facility.
3. Justify how ZLD will be maintained.
4. Revised plantation scheme as suggested by committee.
5. Propose physical targets under as Corporate Environment Responsibility (CER) for the project.

PP vide letter dated 28.01.2021 submitted reply of the above query. The query reply was discussed and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Manufacturing of API Products namely Imidazole and 2-Methylimidazole of capacity 2000 MTPA for each product at Plot No. D-21, D-22, Notified Industrial Area, Mandideep, Dist. Raisen, (MP). subject to the following special conditions:

(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.
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. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
3. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
4. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
5. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
6. 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.
7. 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. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent “Zero Liquid Discharge” shall be ensured and no waste/treated water shall be discharged outside the premises.
3. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises.
4. 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.
5. Wastewater Generation and its management plan
 - Process water – 6.0 kld,
 - Discharge – 4.8 kld (recycled back in the process)
 - Remaining 1.2 kld remains in product in form of moisture and some amount will be evaporated.
 - Domestic – 1 lkd
 - Waste water – 0.8 kld – taken to septic tank attached with soak pit.
6. 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.
7. 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.
8. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG sets for controlling the noise pollution.

2. 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.
3. 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.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.

(F) Waste management

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. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSD, Dhar.
4. 95-98% solvent recovery shall be achieved.
5. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
6. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
7. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
8. 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.
9. 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.

10. 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.
11. Storage areas should be provided with adequate number of spill kits at suitable locations. 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. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
17. 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.
 - e. Venting equipment through vapor recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. Total 1000 trees shall be planted in the area of 5400 m² (11.98 % of total plot area) which is developed as greenbelt development.

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.

(H) 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 company shall have a well laid down environmental policy duly approve 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.
2. 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.
 3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
 4. The proposed EMP cost is Rs. 50.00 lakhs and 2.95 lakhs/year as recurring cost and out of which the Rs. 2.0 lakhs is proposed for green belt development.
 5. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :
 - a. Plantation all along the road side in nearby villages – 1000 Nos.
 - b. Development of garden/greenbelt on government barren land/common plots- 2 Nos after discussion with authorities.
 - c. Scholarship to poor students for higher education- 10 Nos.
 - d. Organizing medical camp for the nearby villagers- 6 monthly
 - e. Participating & contributing in local religious and social programs- 2 times in year.
 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.

X. 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, commitment made during Public Hearing 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.

26. Case No 8093/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (1200 cum per annum) (Khasra No. 319), Village - Birlai, Tehsil - Kukshi, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 319), Village - Birlai, Tehsil - Kukshi, Dist. Dhar, (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1077 dated: 27/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of lease is under submergence, for which PP shall submit revised plan by leaving this submerged area as non-mining zone. After presentation the committee asked to submit following details:

- Justification regarding river name.

- Part of lease submerged in water thus revised production plan leaving non mining area with photographs of the lease area.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 12,00 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.27 Lakh as capital and Rs 05.76 Lakh/year as recurring are proposed by PP.

27. Case No 8104/2021 M/s R.K.Transport and Construction Ltd, Shri Chandra Prakash Singh, Director, 65-A, Transport Nagar, Dist. Korba, CG - 486889 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (72000 cum per annum) (Khasra No. 354), Village - Murgidhana, Tehsil - Bankhedi, Dist. Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 354), Village - Murgidhana, Tehsil - Bankhedi, Dist. Hoshangabad (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. Q dated: 29/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the kachcha road is passing within lease, PP submitted that they shall provided right to access to the villagers and also dense plantation shall be done on

along the evacuation route as it is passing outskirts of the village in the west side of the lease. After presentation the committee asked to submit following details:

- Undertaking from PP that right to access to be provided to the villagers.
- Revised plantation schemes include proposal for plantation on evacuation route as it is passing outskirts of the village in the west side of the lease.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 72,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.59 Lakh as capital and Rs 07.02 Lakh/year as recurring are proposed by PP.

28. Case No 8105/2021 M/s R.K.Transport and Construction Ltd, Shri Chandra Prakash Singh, Director, 65-A, Transport Nagar, Dist. Korba, CG - 486889 Prior Environment Clearance for Sand Quarry in an area of 5.0 ha. (90000 cum per annum) (Khasra No. 332), Village - Kamthi, Tehsil - Bankhedi, Dist. Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 332), Village - Kamthi, Tehsil - Bankhedi, Dist. Hoshangabad (MP) 5.0 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 Praman-Patra) letter no. Q dated: 19/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by

PP, it was observed that sand is in optimum quantity available in the lease area. After presentation the committee asked to submit following details:

- Legible copy of Khasra panchshala (P-II).

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 90,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.90 Lakh as capital and Rs 06.46 Lakh/year as recurring are proposed by PP.

29. Case No 8106/2021 M/s R.K.Transport and Construction Ltd, Shri Chandra Prakash Singh, Director, 65-A, Transport Nagar, Dist. Korba, CG – 486889 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (72000 cum per annum) (Khasra No. 1), Village - Junheta, Tehsil - Bankhedi, Dist. Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Junheta, Tehsil - Bankhedi, Dist. Hoshangabad (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. Q dated: 29/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that sand is in optimum quantity available in the lease area. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 72,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.94Lakh as capital and Rs 06.99 Lakh/year as recurring are proposed by PP.

30. Case No 8107/2021 M/s R.K.Transport and Construction Ltd, Shri Chandra Prakash Singh, Director, 65-A, Transport Nagar, Dist. Korba, CG - 486889 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (72000 cum per annum) (Khasra No. 89), Village - Khapakhurd, Tehsil - Bankhedi, Dist. Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 89), Village - Khapakhurd, Tehsil - Bankhedi, Dist. Hoshangabad (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. Q dated: 29/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that sand is in optimum quantity available in the lease area. After presentation the committee asked to submit following details:

- Complete set of Khasra panchshala (P-II).

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 72,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.44 Lakh as capital and Rs 06.99 Lakh/year as recurring are proposed by PP.

31. Case No 8100/2021 Shri M/s Vivek patel, Patel Ward, Bakhar Kandeli, Dist. Narsinghpur, MP - 464224 Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (6000 cum per annum) (Khasra No. 17), Village - Sirawali, Tehsil - Kurwai, Dist. Vidisha (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 17), Village - Sirawali, Tehsil - Kurwai, Dist. Vidisha (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 Praman-Patra) letter no. 772 dated: 30/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that most part of lease is under submergence for which PP shall submit revised plan by leaving this submerged area as non-mining zone as the sanctioned volume is very less (only 6000 cum/year) and minable area is available during summer season after February. PP further stated that mining inspector in his site visit report (prior to lease sanction) dated 08/09/2015 has stated that lease is minable in summer period. After presentation the committee asked to submit following details:

- Copy of Mining Inspector site visit report dated 08/09/2015.
- Part of lease submerged in water thus revised production plan leaving non mining area with supporting photographs of the lease area.
- Revised plantation species remove Amla from the plantation list as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee

observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 6000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.44 Lakh as capital and Rs 02.249 Lakh/year as recurring are proposed by PP.

32. Case No 8101/2021 Shri M/s Vivek patel, Patel Ward, Bakhar Kandeli, Dist. Narsinghpur, MP - 464224 Prior Environment Clearance for Sand Quarry in an area of 1.881 ha. (4000 cum per annum) (Khasra No. 159), Village - Devli, Tehsil - Kurwai, Dist. Vidisha (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 159), Village - Devli, Tehsil - Kurwai, Dist. Vidisha (MP) 1.881 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 771 dated: 30/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that most part of lease is under submergence for which PP shall submit revised plan by leaving this submerged area as non-mining zone as the sanctioned volume is very less (only 4000 cum/year) and minable area is available during summer season after February. PP further stated that mining inspector in his site visit report (prior to lease sanction) dated 10/06/2019 has stated that lease is minable in summer period. After presentation the committee asked to submit following details:

- Copy of Mining Inspector site visit report dated 10/06/2019.

- Part of lease submerged in water thus revised production plan leaving non mining area with supporting photographs of the lease area.
- Revised plantation species remove Amla from the plantation list as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 4000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.54 Lakh as capital and Rs 02.49 Lakh/year as recurring are proposed by PP.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

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

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

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100

meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.

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

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

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

Annexure- 'C'

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

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

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

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

Annexure- 'D'

General conditions applicable for the granting of TOR

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

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

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

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