

MINUTES OF 11st MEETING

The 11st meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 09th March, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Shri. Rajendra Kumar Sharma, Member.
2. Shri Anil sharma, Member.
3. Dr. Mohd. Akram khan, Member.
4. Shri. Mohd. Kasam khan, Member.
5. Shri. Prashant Shrivastava, Member.

1. **Case No. 4925/16 Shri Anil Kumar Singh, Partner, M/s Mahadeo Construction Company, B-27/70, 2nd Floor, Barhar Kothi, Durga Kund, Varansi (UP)-221005. Prior Environment Clearance for Stone Quarry in an area of 9.50 ha. (2,00,000 cum/year) at Khasra No.-415/1Ka(P), Village-Gada, Tehsil-Hanumana, District-Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-415/1Ka (P), Village-Gada, Tehsil-Hanumana, District-Rewa (MP) 9.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 2373, dated: 26/11/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during deliberations PP was asked to submit a commitment that overhead sprinklers be provided at the entry point of haul road for dust suppression which was submitted by the PP at the time of presentation.

The EMS and other submissions submitted 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 -Aø

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- Production of Stone as per mine plan with quantity not exceeding 2,00,000 cum/year.
 - A water body is about 350 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.
 - Only muffle blasting be carried out as proposed by the PP.
 - Overhead sprinklers should be provided at the entry point of haul road for dust suppression.
2. **Case No. 3249/15 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001. Prior E C for approval of Sand Mining Lease Area - 10.890 ha., Capacity - (50,000 cum/year) at Khasra No.-481, Vill.-Kushali, Teh.-Sahpura, District-Jabalpur (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-481, Vill.-Kushali, Teh.-Sahpura, District-Jabalpur (MP) 10.890 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer enclosing the combined NOC issued by collector certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vide letter no.-1949, dated: 14/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier presented by PP and their consultant in the 243rd SEAC meeting dated 07/12/2015 wherein it was observed that as per the image of Google based on the co-ordinates provided by the PP, it is evident that some part of the ML area is still in water and mid stream mining is not allowed. Thus the applied quantity i.e. 3,00,000 cum/year are not possible. The mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA.

SEIAA vide letter no. 11449/SEIAA/16 dated 24/02/2016 sent back the file to SEAC for appraisal along with the details of replenishment. During scrutiny of documents it was also observed that PP has revised the mine plan with production capacity of 50,000 cum/year and the same was submitted in SEIAA vide receipt no. 3861 dated 17/12/2015.

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The case was presented by the PP and their consultant wherein it was observed as per the Google image based on the co-ordinate provided by the PP that more than 50% of the mining lease area is still in water and mid stream mining is not allowed. PP was asked to provide the basis of reserve estimation of 50,000 cum/year when approximately 50% of the mining lease area is submerged in the water along with the last 05 years details of sand evacuation. PP asked that they may be given a day's time for providing necessary details. Committee asked PP to come with the above details either tomorrow (i.e. on 10/03/2015) or on any other subsequent meetings of SEAC with above desired details.

3. **Case No. – 3131/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Sand Mining Lease Area - 8.410 Capacity - 40,000 cum/year, at Khasra no.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.) 8.410 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer enclosing the combined NOC issued certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vide letter no.1940 dated-14/10/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier presented by PP and their consultant in the 253rd SEAC meeting dated 18/12/2015 and the recommendations were sent to SEIAA.

SEIAA vide letter no. 11449/SEIAA/16 dated 24/02/2016 sent back the file to SEAC for appraisal along with the details of replenishment.

The case was presented by the PP and their consultant wherein it was observed as per the Google image based on the co-ordinate provided by the PP that more than 50% of the mining lease area is still in water and mid stream mining is not allowed. PP was asked to provide the basis of reserve estimation of 40,000 cum/year when approximately 50% of the mining lease area is submerged in the water along with the last 05 years details of sand

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evacuation. PP asked that they may be given a day time for providing necessary details. Committee asked PP to come with the above details either tomorrow (i.e. on 10/03/2015) or any other subsequent meetings of SEAC with desired details.

4. **Case No. -4905/16 Shri Veer Singh, Owner, P.O. Rampur Baghelan, District-Satna (MP)-48511 Prior Environment Clearance for Dhausada Laterite Mine in an area of 13.861 ha. (75,000 TPA) at Khasra No.-53/1, 53/2, 53/3, 53/4, 53/5, Village-Dhausada, Tehsil-Amarpatan, District-Satna (MP)**

This is case of Dhausada Laterite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-53/1, 53/2, 53/3, 53/4, 53/5, Village-Dhausada, Tehsil-Amarpatan, District-Satna (MP) 13.861 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. 497, dated: 14/05/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant and requested that their project be considered as B-2 category for following reasons:-

1. The mine area is 13.861 ha. no more mines are located in 500 meters.
2. The production volume is 75,000 TPA.
3. No environmental sensitive issues are observed which may be affected by the virtue of marble mining.
4. The nearest habitation is 500 meters away.
5. No first order stream is passing through the lease area.
6. No ground water intersection is envisaged from the proposed mining hence no impact on hydro-geological aspects.

The committee after presentation decided that on the basis of above submission, PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

- a. Management and disposal plan of OB.

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- b. Surface plan showing location and size of settling tanks and garland drains.
- c. Transportation and evacuation plan of mineral from the ML area.
- d. Existing one month Air, Water and Noise Quality Monitoring data with predictions within the lease area and surrounding area.

5. **Case No.4834/15 Shri Sanjay Tiwari R/o 1074, Ganga Sagar, Shukla Nagar, Garha, District-Jabalpur (MP)-482001 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (66,000 cum/year) at Khasra No.-17/1, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-17/1, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1743, dated: 15/09/15 has reported that there are 16 more mines operating or proposed within 500 meters around the said mine with total area of 32.53 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

6. **Case No. 4436/2015 Sarc Inracon India Ltd., Director Shri Charan Singh R/o 178, C.P. Mishan Compound, Distt. Jhansi (UP) 284 001. Prior Environment Clearance for approval of Sand Quarry in an area of 9.0 ha. (2, 35,305 cum/year) at Khasra No. 2/1 at Village – Phattepur, Teh Gourihar, Distt. Chhatarpur (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 2/1 at Village ó Phattepur, Teh Gourihar, Distt. Chhatarpur (MP) 9.00 ha. The project requires prior EC before commencement of any activity at site.

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PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1081, dated: 07/09/15 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

7. **Case No. 4174/15 Shri Madhav Singh Yadav R/o Main Road, Chirgaon, District-Jhansi (UP)-284301 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (30,000 cum/year) at Khasra No.-630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (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, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.205, dated: 19/05/15 has reported that there are 11 more mine operating or proposed within 500 meters around the said mine with total area of 29.64 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

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8. **Case No. 4111/15 M/s Vasudha Minerals & Chemicals, Pooja Residency, D.G. 4, Opposite Vishal Sabhagrah, Koradi Road, Mankapur, Nagpura (Maharashtra)-440030 Prior Environment Clearance for approval of Dolomite Mine in an area of 3.084 ha. (29,835 TPA) at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP)**

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP) 3.084 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1894, dated: 27/08/15 has reported that there are 04 more mine operating or proposed within 500 meters around the said mine with total area of 31.412 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

9. **Case No. 4923/16 Shri Anil Kumar Singh, Partner, M/s Mahadeo Construction Company, B-27/70, 2nd Floor, Barhar Kothi, Durga Kund, Varansi (UP)-221005. Prior Environment Clearance for Stone Quarry in an area of 7.442 ha. (1,75,000 cum/year) at Khasra No.-3/1 Ka, 5/2, Village-Raghnunathgarh, Tehsil-Hanumana, District-Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-3/1 Ka, 5/2, Village-Raghnunathgarh, Tehsil-Hanumana, District-Rewa (MP) 7.442 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed

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format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.2372, dated: 26/11/15 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during deliberations PP was asked to submit a commitment that overhead sprinklers be provided at the entry point of haul road for dust suppression which was submitted by the PP at the time of presentation.

The EMS and other submissions submitted 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 -Aø

- Production of Stone as per mine plan with quantity not exceeding 1,75,000 cum/year.
- Only muffle blasting be carried out as proposed by the PP.
- Overhead sprinklers should be provided at the entry point of haul road for dust suppression.

10. Case No. - 5019/2016 Shri Manoj Kumar Sharma S/o Shri Satyanarayan Sharma, Green Park Colony, Burhanpur (MP)-450445. Prior Environment Clearance for Sand Auction Quarry in an area of 7.00 ha. (40,160 cum/year) at Khasra No.-01, Village-Nachan Kheda, Tehsil-Burhanpur, District-Burhanpur (MP)

This is case of Sand Auction Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-01, Village-Nachan Kheda, Tehsil-Burhanpur, District-Burhanpur (MP) 7.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. क/Q dated: 08/04/15 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after

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hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

11. Case No.4559/15 Shri Banspati Singh, Prop., M/s Prabhat Stone Crusher R/o Village-Kakalpur Block, Tehsil-Amarpatan, District-Satna (MP)-485778. Prior Environment Clearance for approval of Stone Quarry in an area of 0.449 ha. (4,000 cum/year) at Khasra No.- 547, Village-Kakalpur, Tehsil-Amarpatan, District-Satna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. - 547, Village-Kakalpur, Tehsil-Amarpatan, District-Satna (MP) 0.449 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1606, dated: 6/10/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 39.104 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

12. Case No.4761/15 Shri Naushad Bhagwagar, Partner, M/s The Central India Mining & Marketing Corporation (CIMMCO) R/o Gulab Rai Building, Opp. Nagar Nigam, District-Katni (MP)-483501. Prior Environment Clearance for Limestone & Dolomite Mine in an area of 4.13 ha. (40,000 TPA) at Khasra No.-418/1, 418/2, 418/3, Village-Bhatgawan Sunehra, Tehsil-Katni, District-Katni (MP)

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-418/1, 418/2, 418/3, Village-

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Bhatgawan Sunehra, Tehsil-Katni, District-Katni (MP) 4.13 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1606, dated: 6/10/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 29.32 ha including this mine.

The case was presented by the PP. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Minimum six locations be considered for environmental monitoring.
7. Ground water level be recorded in underground sampling locations.

13. Case No.4793/15 Smt. Sushma Thakur, Partner, M/s Som Construction R/o Manorama Colony, District-Sagar (MP)-470115. Prior Environment Clearance for Metal Stone Quarry in an area of 9.00 ha. (24,107 cum/year) at Khasra No.-32, Village-Shyampura, Tehsil-Sagar, District-Sagar (M.P)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-32, Village-Shyampura, Tehsil-Sagar, District-Sagar (M.P) 9.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed

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format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1097, dated: 19/08/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 17.00 ha including this mine.

The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

- Production of Stone as per mine plan with quantity not exceeding 24,107 cum/year.

14. Case No. 4162/15 Shri Vishal Yadav S/o Shri Banwarilal Yadav R/o House No. 95, Sairam Colony, Semra Colony, Huzur, Bhopal (MP)-462023. Prior Environment Clearance for approval of Metal Stone Quarry in an area of 9.00 ha. (19,950 cum/year) at Khasra no.-244, Village-Kardai, Tehsil-Huzur, District-Bhopal (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-244, Village-Kardai, Tehsil-Huzur, District-Bhopal (MP) 9.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. 644, dated: 11/05/2015 has reported that there is ----- more mine operating or proposed within 500 meters around the said mine with total area of --- ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

15. Case No.4289/15 Shri Ashok Kumar Goenka R/o Lal Building, Katra Bazar, Bhatta Mohalla, Katni (MP)-483501 Prior Environment Clearance for approval of Lime

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This is case of Lime Stone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-52/2, 77P, 79P, 81P, Village-Bamhangawan, Tehsil-Vijayraghavgarh, District-Katni (MP) 2.68 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and FO. Concerned Mining Officer vide letter no. 4255, dated: 5/10/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 51.23 ha including this mine.

PP came for the presentation and requested that their case may be deferred for tomorrow as the consultant is unable to attend the meeting today.

The case was scheduled for presentation today but PP had requested for postponement of presentation till tomorrow. The case was deferred for considered on 09/03/2016 if time permits after all the scheduled presentation.

(Dr.NavinChandra, Chairman)

(Rajendra Kumar Sharma, Member)

(Dr.Mohd. Akram Khan, Member)

(Shri Mohd. Kasam Khan, Member)

(Anil Sharma, Member)

(Prashant Shrivastava, Member)

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Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. 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.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
12. 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.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the 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.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. The mining shall be carried out strictly as per the approved mining plan and ensure 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. Established water conveyance channels should not be relocated, straightened, or modified.
14. 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.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. EC will be valid for mine lease period subject to a ceiling of 5 years.