

The 243rd meeting of the State Expert Appraisal Committee (SEAC) was held on 07th December, 2015 under the Chairmanship of DR. R. B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Udayraj Singh, Member,
2. Dr. Mohini Saxena, Member,
3. Dr. Alok Mittal, Member,
4. Shri. K. P. Nyati, Member,
5. Dr. Manoj Pradhan, Member
6. Shri. Manohar K. Joshi, 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. 3249/15 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Sand Mining Lease Area - 10.890 ha., Capacity - (3,00,000 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 located 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 vides 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 presented by PP and their consultant and 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 is 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.

2. Case No. – 2910/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001 . Karelkalan River Sand Mining Lease Area - 3.50 Ha., Capacity - 60,000 cum/year, at Vill.-Karelikalan, Teh.-Gotegaon, District-Narsinghpur (M.P.)

This is case of **Karelkalan River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 6 280/3, Vill.-Karelikalan, Teh.-Gotegaon, District-Narsinghpur (M.P.) 3.50 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 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 vides letter no.-1129, dated: 08/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone as submitted certificate by PP is of 5.00 Km distance instead of 10 Kms distance. The PP was therefore asked to submit the same within 15 days time.

3. Case No.- 2879/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001. Budhgaon River Sand Mining Lease Area- 1.841 ha., Capacity - 30,000 cum/year, at Khasra No.-184, Vill.-Budhgaon, Teh.-Gotegaon, District-Narsinghpur (MP).

This is case of **Budhgaon River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-184, Vill.-Budhgaon, Teh.-Gotegaon, District-Narsinghpur (MP) 1.841 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.-1129, dated: 08/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone as submitted certificate by PP is of 5.00 Km distance instead of 10 Kms distance. The PP was therefore asked to submit the same within 15 days time.

4. Case No. – 2907/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001 . Belkhedi River Sand Mining Lease Area - 2.00 Ha., Capacity - 57,000 cum/year, at Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.)

This is case of **Belkhedi River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 52/1, Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.) 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 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.-1129, dated: 08/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone as submitted certificate by PP is of 5.00 Km distance instead of 10 Kms distance. The PP was therefore asked to submit the same within 15 days time.

5. Case No.- 2878/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001 Imaliya River Sand Mining Lease Area- 4.00 ha., Capacity - 70,000 cum/year, at Khasra No.- 01, Vill.-Imaliya, Teh.-Panagar, District-Jabalpur (MP)

This is case of **Imaliya River Sand**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 01, Vill.-Imaliya, Teh.-Panagar, District-Jabalpur (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 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.-1771, dated: 29/09/2015, has reported that there is 05 more mines operating or proposed within 1000 meters around the said mine and Total Area-9.40 ha.

The case was presented by PP and their consultant and during scrutiny of document, it was observed that the mine plan of said mine was approved by competent authority with validity only upto 03/07/15. Thus the PP was asked to submit valid mine plan duly approved by the competent authority through SEIAA.

6. Case No. – 2906/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Jhansighat River Sand Mining Lease Area - 1.614 Ha., Capacity - 30,000 cum/year, at Vill.- Jhansighat, Teh.-Gotegaon, District-Narsinghpur (M.P.)

This is case of **Jhansighat River Sand Mining Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -155/A, Vill.- Jhansighat, Teh.-Gotegaon, District-Narsinghpur (M.P.) 1.614 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.-1129, dated-08/10/15, has reported that

there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone as submitted certificate by PP is of 5.00 Km distance instead of 10 Kms distance. The PP was therefore asked to submit the same within 15 days time.

7. Case No.- 2859/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Distt. - Jabalpur (MP)-482001. Adhua River Sand Mining Lease Area - 3.00 ha., Capacity - 89,100 cum/year, at Khasra No.- 62, Vill.-Adhua, Teh.-Panagar, District-Jabalpur (MP)

This is case of **Adhua River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at at Khasra No.- 62, Vill.-Adhua, Teh.-Panagar, District-Jabalpur (MP) 3.00 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 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 vides letter no.-1949, dated: 14/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by PP and their consultant and during scrutiny of document, it was observed that the approved mine plan of said mine submitted by PP has validity only upto 2014-15. Thus the PP was asked to submit valid mine plan duly approved by the competent authority through SEIAA.

8. Case No. – 2903/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Gangai Khurd River Sand Quarry Lease Area- 4.00 Ha., Capacity - 1,14,000 cum/year, at Vill.-Gangai Khurd, Teh.-Gotegaon, District-Narsinghpur (M.P.)

This is case of **Gangai Khurd River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-08, Vill.-Gangai Khurd, Teh.-Gotegaon, District-Narsinghpur (M.P.) 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 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 vides letter no.-1129, dated: 08/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by PP and their consultant and during scrutiny of document, it was observed that the mine plan of said mine was approved by competent authority which has validity upto 2014-15. Thus the PP was asked to submit valid mine plan duly approved by the competent authority through SEIAA alongwith DFO certificate of 10 K. M. regarding distance from National Park/ Century and Eco-Sensitive Zone as the submitted certificate by PP is of 5.00 Kms distance.

9. Case No. – 2908/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001 . Belkhedi River Sand Mining Lease Area - 2.00 Ha., Capacity - 25,000 cum/year, at Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.)

This is case of **Belkhedi River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-140/2, Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.)- 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 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 vides letter no.-1129, dated: 08/0/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century

and Eco-Sensitive Zone be submitted, as submitted certificate by PP is of 5.00 Km distance. The PP was asked to submit the same within 15 days time.

10. Case No. – 2898/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Jamuniya River Sand Mining Quarry Lease Area - 1.50 Ha., Capacity - 42,750 cum/year, at Vill.-Jamuniya, Teh.-Gotegaon, District- Narsinghpur (M.P.)

This is case of **Jamuniya River Sand Mining Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-189/1, Vill.-Jamuniya, Teh.-Gotegaon, District- Narsinghpur (M.P.) 1.50 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 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 vides letter no.-1129, dated: 08/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by PP and their consultant and during scrutiny of document, it was observed that the mine plan of said mine was approved by competent authority which has validity up to 2014-15. Thus the PP was asked to submit valid mine plan duly approved by the competent authority through SEIAA along with DFO certificate of 10 K. M. regarding distance from National Park/ Century and Eco-Sensitive Zone as the submitted certificate by PP is of 5.00 K.M, distance.

11. Case No. – 2952/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.). Markadhana River Sand Quarry Lease Area - 4.00 Ha., Capacity - 1,15,00 cum/year, at Vill.-Gajanpur-1, Teh.-Khatagaon, District-Dewas (M.P.)

This is case of **Markadhana River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 86, Vill.- Markadhana, Teh.-Khatagaon, District-Dewas (M.P.) 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 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.-3187, dated: 10/09/2015, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented earlier in the 228th SEAC meeting dated 30/09/2015 wherein after presentation and deliberations it was observed that:-

1. As per the co-ordinates submitted by the PP, the Google image shows that there are three bridges within the ML area. After leaving 100 meters safe distance on both sides of bridges, the quantity of sanctioned sand may not be available in the sanctioned lease area.
2. Similarly, as per the Google image, on one side of ML area thick vegetation can be seen & protection measures for which are not addressed.
3. Information on evacuation plan avoiding nearby human settlements is not presented by PP.

In view of above, mining plan needs complete revision. PP should revise the mine plan and submit the same through SEIAA within 30 days. Thus the case was deferred till submission of revised mine plan. The PP has submitted the revised mine plan approved on dated 19/10/2015.

The committee examined the revised mine plan submitted by PP. In the revised mine plan the railway line is mentioned at a distance of 700 meters and in addition to railway line, there are two more bridges over which the roads are passing. The revised mine plan has only toned down these two bridges as "Pulia". On perusal of the Google image attached by the PP in his presentation dated 30/09/2015 and attached along with revised mine plan, it is evident that there are three bridges out of which two are crossing the ML area and third one is just adjacent to ML area. Considering above sensitive issues, the production quantity has not been reduced commensurate with leaving a safe distance of 100 meters on either side of the two road bridges and a road bridge passing adjacent to the ML area. As the site is surrounded by thick vegetation and human settlement, PP has also not submitted evacuation plan avoiding nearby human settlement and protection measures proposed for vegetation.

Considering the issues related to connectivity, nearby human settlement and vegetation, the site is not recommended for grant of environmental clearance.

12. Case No. – 3127/2015 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 - 1.00 Capacity - 27,600 cum/year, at Vill.-Sakra, Teh.-Patan, District-Jabalpur (M.P.)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-138, Vill.-Sakra, Teh.-Patan, District-Jabalpur (M.P.) 1.00 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 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 vides letter no.1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant and during deliberations it was informed that a complaint has been received for this site through mail to the members of SEAC wherein some issues of environmental sensitivity are mentioned by the Office of Gram Panchayat, Sakra. Thus committee decided to carryout site inspection to verify the issues raise in the complaint.

13. Case No. – 3129/2015 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 - 0.80 Capacity - 21,600 cum/year, at Vill.-Amha Kheda, Teh.-Patan, District-Jabalpur (M.P.)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 01, at Vill.-Amha Kheda, Teh.-Patan, District-Jabalpur (M.P.) 0.80 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 vides letter no.-1960, dated: 15/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 not exceeding 21,600 cum/year as per mine plan.

14. Case No. – 3121/2015 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 - 2.00 Capacity - 27,000 cum/year, at Vill.-Thana, Teh.-Patan, District-Jabalpur (M.P.)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-77, Vill.-Thana, Teh.-Patan, District-Jabalpur (M.P.) - 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 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 vides letter no.-1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine. The mine plan is valid till 2016 only.

The EMS 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 not exceeding 27,000 cum/year as per mine plan.
2. There is a bridge near the ML area thus necessary safe zone of 100 meters be left from the bridge.

15. Case No. – 3130/2015 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 - 24.450 Capacity - 7,00,000 cum/year, at Vill.-Kudakala, 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 located at Khasra No.-558, Vill.-Kudakala, Teh.-Sahpura, District-Jabalpur (M.P.) 24.450 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 vides letter no.1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant and during deliberations it was observed that the mine area is of 24.450 Ha. Tehsildar in his certificate has stated that Villagers have objection and it is also stated in his report that a temple of archeological importance is located within 500 meters of ML area. Thus committee decided to seek specific comments from Tehsildar on objections raised by villagers and also from ASI/ State Archeological Department on adverse impacts of mining on the said temple.

16. Case No. 3238/15 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Sand Mining Lease Area - 1.00 ha., Capacity - (27,000 cum/year) at Khasra No.-01, Vill.-Mado, Teh.-Patan, District-Jabalpur (MP)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-01, Vill.-Mado, Teh.-Patan, District-Jabalpur (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, 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 vides letter no.-1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant and during presentation it was observed that as per the image of Google based on the co-ordinates provided by the PP, it is evident that most part of the ML area is submerged in water and mid stream mining is not allowed. Thus the applied quantity i.e. 27,000 cum/year is 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.

17. Case No. – 2905/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Ramkhiriya River Sand Mining Lease Area - 2.150 Ha., Capacity - 30,000 cum/year, at Vill.-Ramkhiriya, Teh.-Shahpura, District-Jabalpur (M.P.)

This is case of **Ramkhiriya River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-300, Vill.-Ramkhiriya, Teh.-Shahpura, District-Jabalpur (M.P.) 2.150 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 vides letter no.-1960, dated: 15/10/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 condition in addition to the standard conditions at annexure :-B

1. Production of Sand not exceeding 30,000 cum/year as per mine plan.

18. **Case No.- 2877/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Distt. - Jabalpur (MP)-482001. Bhadpura River Sand Mining Lease Area- 13.240 ha., Capacity - 1,20,000 cum/year, at Khasra No.- 483, Vill.-Bhadpura, Teh.-Sahpura, District-Jabalpur (MP)**

This is case of **Bhadpura River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 483, Vill.-Bhadpura, Teh.-Sahpura, District-Jabalpur (MP) 13.240 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 vides letter no.-1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine. A railway line is passing through near the ML area which is approx 350 meters away.

The EMS 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 condition in addition to the standard conditions at annexure -Bø

1. Production of Sand not exceeding 30,000 cum/year as per mine plan.

19. **Case No. 3566/15 Shri Foulad Singh Patel, Authorized Signatory, M/s Sharma Construction Company, Sub Lessee, M.P. State Mining Corporation Ltd., Vill.-Samnapur, Teh.-Kareli, Narsinghpur (MP)-487770 Prior Environment Clearance for approval of Sand Mining in an area of 4.00 ha. (60,000 cum/year) at Khasra No.-464, Vill.-Saliwada, Teh.-Shahpura, District-Jabalpur (MP)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-464, Vill.-Saliwada, Teh.-Shahpura, District-Jabalpur (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 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 1940 dated: 14/10/2015 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 condition in addition to the standard conditions at annexure :-Bø

1. Production of Sand not exceeding 60,000 cum/year as per mine plan.

20. Case No. 3637/15 Shri Foulad Singh Patel (Authorized Signatory), M/s Sharma Construction Company, Sub Lessee, The M.P. State Mining Corporation Ltd., Village-Samnapur, Tehsil-Kareli, District-Narsinghpur (MP)-482001 Prior Environment Clearance for approval of Sand Mining in an area of 4.00 ha. (60,000 cum/year) at Khasra No.-01, Village-Narayanpur, Tehsil-Jabalpur, District- Jabalpur (MP)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-01, Village-Narayanpur, Tehsil-Jabalpur, District- Jabalpur (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 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 1940 dated: 14/09/2015 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 condition in addition to the standard conditions at annexure :-Bø

1. Production of Sand not exceeding 60,000 cum/year as per mine plan.

21. Case No. 3567/15 Shri Foulad Singh Patel, Authorized Signatory, M/s Sharma Construction Company, Sub Lessee, M.P. State Mining Corporation Ltd., Vill.-Samnapur, Teh.-Kareli, Narsinghpur (MP)-487770 Prior Environment Clearance for approval of Sand Mining in an area of 2.023 ha. (23,000 cum/year) at Khasra No.-1/1, Vill.-Sagda Jhapni, Teh.-Jabalpur, District-Jabalpur

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Vill.-Sagda Jhapni, Teh.-Jabalpur, District-Jabalpur (MP) 2.023 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 no1940 dated: 14/09/2015 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 condition in addition to the standard conditions at annexure :-Bø

1. Production of Sand not exceeding 23,000 cum/year as per mine plan.

22. Case No.- 2881/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad. Sivani River Sand Quarry Lease Area- 0.405 ha., Capacity - 12,150 cum/year, at Khasra No.- 317, Vill.-Sivani, Teh.-Bareli, District-Raisen (MP)

This is case of **Sivani River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 317, Vill.-Sivani, Teh.-Bareli, District-Raisen (MP) 0.405 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.1071 dated: 04/9/15, has reported that there is --more mines operating or proposed within 1000 meters around the said mine.

The EMS 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 condition in addition to the standard conditions at annexure -Bø

1. Production of Sand not exceeding 12,150 cum/year as per mine plan.

23. Case No. 3242/15 Shri Rajeev Saxena, OIC, Sub Off.-Dhamnod, M.P. State Mining Corporation Ltd., Teh.-Dharampuri, Dhar (MP)-454552. Prior Environment Clearance for approval of Sand Quarry Lease Area - 5.00 ha., Capacity - (35,640 cum/year) at Khasra No.-32/1/1/1, Vill.-Bhasunda, Teh.-Maheshwar, District-Khargone.

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-32/1/1/1, Vill.-Bhasunda, Teh.-Maheshwar, District-Khargone. 5.00 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.395 dated: 28/09/15 has reported that there are four more mines operating or proposed within 1000 meters around the said mine and Total Area 74.199 ha.

The case was presented by the PP and their consultant. During presentation it was observed that itø a khodu bharu type of sand mining lease wherein sand gets accumulated during flood beyond the river bank and there is no replenishment or annual recurrence in such cases. Thus in the instant case area under river sand mining cannot be clubbed with sand accumulated in the agricultural field while applying the cluster approach. The committee therefore decided to appraise the case under B-2 category.

The EMS 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 :-Cø

1. Production of Sand not exceeding 35,640 cum/year as per mine plan.
2. The PP will stack the soil separately and would use it for backfilling and later on spreading that soil on entire lease area so that the land can be used for the agricultural purpose.

24. Case No. 3487/15 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of River Sand Quarry in an area of 2.428 ha. (50,000 cum/year) at Khasra No.-510, Vill.-Ketodhaan, Teh.-Udaipura, District-Raisen (MP)

This is case of **River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-510, Vill.-Ketodhaan, Teh.-Udaipura, District-Raisen (MP). 2.428 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.576, dated: 01/07/15, has reported that there is 03 more mines operating or proposed within 1000 meters around the said mine and Total Area-12.140 ha.

The EMS 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 condition in addition to the standard conditions at annexure :-Bø

1. Production of Sand not exceeding 50,000 cum/year as per mine plan.

25. Case No. 3536/15 Shri Ajay Pal Singh, M/s Kartikey Construction, Sub Lessee, M.P. State Mining Corporation Ltd., Itwara, Hoshangabad (MP). Prior Environment Clearance for approval of Sand Quarry in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Vill.-Raipur, Teh.-Hoshangabad, District- Hoshangabad (MP)

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Vill.-Raipur,(III) Teh.-Hoshangabad, District- Hoshangabad (MP)10.00 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.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 54 mines are in the cluster and total Area-731.791 ha including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl.No.	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Raipur -1	126	12.673
2.		Raipur -2	126	11.000
3.		<i>Raipur -3</i>	<i>126</i>	<i>10.000</i>
4.		Raipur -4	126	10.555
5.		Raipur -5	126	10.000
6.		Raipur -6	126	10.555
7.		Raipur -7	126	10.000
8.		Raipur -8	126	10.555
9.		Raipur -9	126	10.000
10.		Raipur -10	126	10.555
11		Raipur -11	126	10.000
12		Raipur -12,13,14	126	31.110
13		Raipur -15	126	10.000
14		Raipur -16	126	10.555
15		Raipur -17	126	10.000
16		Raipur -18,19,20	126	31.110
17		Raipur-21,22,23	126	30.555

**STATE EXPERT APPRAISAL COMMITTEE
MINUTES OF 243rd MEETING**

07th December,2015

18		Raipur-24	126	10.555
19		Raipur-25	126	10.000
20		Raipur-26	126	10.555
21		Raipur-27	126	10.000
22		Raipur-28	126	10.555
23		Raipur-29	126	10.000
24		Raipur-30	126	10.558
25		Jasalpur	691/1	10.000
26		Nimsadia	1169/1	04.000
27		Nimsadia-1	1163	20.243
28		Nimsadia-2	1163	20.243
29		Devlakhedi	60	12.145
30		Mehraghat-01,02,03	365	34.965
31		Mehraghat-04,05,06	365	34.965
32		Mehraghat-07,08,09	365	34.965
33		<i>Mehraghat-10</i>	365	<i>11.655</i>
34		Horipippar	226	19.746
35		Horipippar-A	153	09.400
36		Horipippar-B	153	09.400
37		Horipippar-C	153	09.400
38		Pilikarar	01	05.000
39		Jhakarseth	92/2,93/3,94/1	05.000
40		Chaplasar	01	05.000
41		Balabhainth	01/01	05.000
42		Manwada	202/2	20.242
43		Anchalkhega-1	87/2	10.000
44		Anchalkhega-2	87/2	10.000
45		Anchalkhega-3	87/2	10.000
46		Anchalkhega-4	87/2	10.486
47		Anchalkhega	87/2	15.490
48		Suakhedi	01/01	15.000
49		Pawarkheda	01/01	17.000
50		Pawarkheda	01/01	23.000
51		Pawarkheda	01/01	18.000
52		Pawarkheda	01/01	24.000
53		Pawarkheda	01/01	15.000
54		Pawarkheda	01/01	15.000
				731.791

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. Photographs of individual mine during EIA process with date.
6. Justify the production from each mine and also justify the duration when mining is possible.
7. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
8. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
9. Discuss and assess impacts of sand mining on pisciculture.
10. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
11. Discuss the measures that will be adopted for the bank erosion.
12. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
13. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
14. A habitation is in close vicinity and possible impacts & mitigation measures be addressed in EIA.

DISCUSSION ON INSPECTION REPORTS OF SEAC MEMBERS

26. **Case No. 3555/15 Shri Navin Singh S/o Shri Awadhraj Singh, M/s Navin Stone Crusher R/o Maihar, District-Satna (MP)-485771 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 1.588 ha. (6,000**

cum/year) at Khasra No.-970, Village-Bhatia, Tehsil-Maihar, District-Satna (MP).

This is a case of mining of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-970, Village-Bhatia, Tehsil-Maihar, District-Satna (MP) in 1.588 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. 694 dated: 27/5/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was discussed in 227th SEAC meeting dated 19/09/2015 wherein after presentation & deliberations, it was observed by the committee from Google image as per the co-ordinates provided by the PP that several mining activities are in existence in the nearby proposed area and Tehsildar has not reported these facts in to his report. Thus committee decided to carry out an inspection of the proposed site for further appraisal of the project.

In view of above background, a SEAC member Dr. U R Singh with Dr. Abhaya Saxena, Officer in charge SEAC Secretariat inspected the project site on 15th November 2015. Project Proponent - Sri Nuveen Singh and Patwari of the area Mr. Santosh Singh (Mob. 9993742224) were also present at the site during the time of visit by SEAC team. Observations by the SEAC team are as follows;

1. This operational mine located in village Bhatia is connected to NH-7 through village road.
2. The topography of the site is almost flat without remarkable undulation. The soil depth in ML area is about 1.0 m
3. Crusher is not proposed in the lease area.
4. There is a bore well at the proposed site.
5. There is temporary structure at the corner of ML area which is said to be for labors.
6. Any mining activities at the in or around the proposed site were not noticed during the time of inspection.
7. *The concerned Mining Officer vides letter no. 694 dated: 27/5/15, has reported that there is no more mines operating or proposed within 500 meters around the*

said mine. However, during the visit the team found that there are several abandoned mines spread over the large area around the proposed mine. Hence, the Google image as per the co-ordinates provided by the PP shows several mining activities.

8. There is quite deep mining pit adjacent to proposed mine, part of which has been converted in to water reservoir. PP was suggested to use water of this reservoir for dust suppression.

9. PP and Patwari informed that the mines near proposed site are being operated illegally. A copy of his complaint letter dated 28-10-2015 of PP Sri Navin Singh submitted to SDM Maihar against illegal mining was handed over to SEAC team (**copy enclosed**). In support of his claim, PP also submitted News paper clippings of Star Samachar Satna of 30th October and 5th November 2015 regarding illegal mining in Bhatia (**copy enclosed**). PP has also submitted a copy of the letter of Mining dept dated 24.11.2015 indicating the action initiated for illegal mining (**copy enclosed**).

Recommendation: -

In view of facts elaborated at point No.7 above, the case may be recommended for EC for Metal Stone Quarry in an area of 1.588 ha. (6,000 cum/ year) at Khasra No.-970, Village-Bhatia, Tehsil-Maihar, District-Satna

The report of committee (Annexure-1) was discussed in the meeting and after deliberations, committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-A

1. Production of Stone not exceeding 6,000 cum/year as per mine plan.

27. Case No. – 2743/2015 Smt. Abhilasha Mishra W/o Shri Aditya Narayan Mishra, Nadan Shivaprasad, Maihar, Satna (MP)-485771. Stone Quarry in an area of 1.829 ha. (18,000 cum/year) at Village-Nadan Shivaprasad, Tehsil-Maihar, District-Satna (M.P.).

Project Proponent: Smt. Abhilasha Mishra W/o Shri Aditya Narayan Mishra, Nadan Shivaprasad, Maihar, Satna (MP)-485771

Detail of Project: Stone Quarry in an area of 1.829 ha. (18,000 cum/year) at Village-Nadan Shivaprasad, Tehsil- Maihar, District- Satna (M.P.).

Chronology of the Case

- The case was discussed in 197th meeting of SEAC and was recommended for grant of prior Environmental Clearance for the production capacity exceeding 18000 cum / Year (as per the approved mining plan) subject to the standard conditions laid for similar cases.
- The case has been received back in SEAC from SEIAA, vide letter No.6034/SEIAA/15 dated 6-10-2015, for reexamination because the site is located adjacent to village road without leaving even 10 m setback as per State Mining Rules.
- Having been referred from SEIAA, the case was again discussed in **240th meeting of SEAC held on 05.11.2015** and the committee decided to carry out an inspection of the proposed site for further appraisal of the project.

In view of above background a SEAC member Dr. U R Singh with Dr. Abhaya Saxena, Officer in charge SEAC Secretariat inspected the project site on 14th November'2015. Sri Aditya Narain Misra husband of Project Proponent-Mrs Abhilasha Misra was present as her representative along with the Mr. Gavi Prasad Kol (Mob.9752866394) Patwari of the area was also present at the site on the time of visit by SEAC team. Observations by the SEAC team are as follows;

1. The nearest habitation village Nadan is about 1 km from proposed site on same road which leads to mine site. This village road is connected to NH-7 between Maihar and Amarpatan.
2. The ML area is presently agricultural land having soil depth of 1.0 to 1.5 m. This is partly private and partly government land.
3. The topography of the site is almost flat. There is hardly any undulation.
4. According to concerned Mining Officer (vide letter no.87 dated 24/01/2015) there are 02 more mines having total lease area is 11.741 ha operating / proposed within 500 meters around the said mine. However, the noticed an abandoned mine just in front of proposed mine on other side of village road. This mine has been excavated up to the fringe of road.
5. Crusher is not proposed in the lease area.
6. There is a bore well at the proposed site.
7. The proposed mine is almost rectangular in shape. One side of the rectangle merges with the village road.

8. While proximal end of the site is bounded by village road, the distal end is bounded by seasonal drain (Nala). Both the ends, therefore, needs to be addressed in Environmental Management Plan.
9. Any mining activities at the site were not noticed during the time of inspection.

Conclusion/Recommendation: - At the time of site visit it was found that the proposed site falls on village metal road without any setback, as indicated by SEIAA.

- In view of the fact that the proximal and distal end of the site is bounded by village road and seasonal drain (Nala), respectively, it is recommended to have at least 20 m setback from village metal road (as recommended by SEAC in case no. 3612) and a garland drain to protect seasonal drain at the back side of the ML area.
- The area for set back from village road and garland drain should be in addition to 7.5 m area to be left all around the mine site.
- A barrier wall of 3 m height should also be provided towards road side as safety / protection measure.
- After leaving 7.5m mandatory safe zone all around plus 20 m setback from road plus garland drain, the effective area for mining will also be reduced. Hence, the proposed production capacity (18,000 cum/year) should be reduced by about 20% (15000 cum/year) for environmentally safe and sustainable mining.
- Though crusher is not proposed in the lease area, but it should not be allowed in future too.
- There should be controlled blasting avoiding deep-hole blasting.

The report of committee (Annexure-2) was discussed in the meeting and after deliberations, 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

1. Production of Stone not exceeding 18,000 cum/year as per mine plan.
2. In view of the fact that the proximal and distal end of the site is bounded by village road and seasonal drain (Nala), respectively, it is recommended to have at least 20 m setback from village metal road (as recommended by SEAC in case no. 3612) and a garland drain to protect seasonal drain at the back side of the ML area.
3. The area for set back from village road and garland drain should be in addition to 7.5 m area to be left all around the mine site.

4. A barrier wall of 3 m height should also be provided towards road side as safety / protection measure.
5. After leaving 7.5m mandatory safe zone all around plus 20 m setback from road plus garland drain, the effective area for mining will also be reduced. Hence, the proposed production capacity (18,000 cum/year) should be reduced by about 20% (15,000 cum/year) for environmentally safe and sustainable mining.
6. Though crusher is not proposed in the lease area, but it should not be allowed in future too.
7. There should be controlled blasting avoiding deep-hole blasting.

**(A.A. MISHRA)
SECRETARY**

**(R. B. LAL)
CHAIRMAN**

Standard conditions applicable for the Khodu Bharu 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 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.
 4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 5. The mining activity shall be done manually.
 6. Heavy vehicles shall not be allowed for removal of sand.
 7. The sand shall be transported by small trolleys up to the main transport vehicle.
 8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
 9. No Mining shall be carried out during Monsoon season.
 10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
 11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
 12. The mining shall be carried out strictly as per the approved mining plan.
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