

The 49th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 19th September 2016 under the Vice Chairmanship of Shri Anil Kumar Sharma 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. Dr. Mohd. Akram khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Dr. Sonal Mehta, Member.

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

1. **Case No. 3262/2015 Shri Rajesh Bhujang S/o Shri Narayan Prasad Bhujang, Chhatri Mandi, Lashkar, District-Gwalior (MP) Prior E.C for approval of Stone Quarry Lease Area - 1.070 ha., Capacity - (20,000 cum/year) at Khasra No.-80/3, Vill.- Pachara, Teh.-Datia, District-Datia (MP). (EIA Presentation).**

This is a case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-80/3, Village-Pachara, Tehsil-Datia, District-Datia (MP) 1.070 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. 79, dated: 20/3/15, has reported that there are 17 more mines operating or proposed within 500 meters around the said mine and Total area-42.780 ha including the proposed 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 and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

2. **Case No. - 2468/2015 M/s N.M. Dubash Stone & Lime Co.Pvt. Ltd., Shri Sailendra Kumar Worah, Director & Owner, Station Road, P.O.-Maihar, Distt-Satna (M.P.) - 485771 Kachhagawan Limestone and Dolomite Mine Lease Area - 7.42 ha.,Capacity-**

1,60,000 TPA at Khasra Nos.-96, part; 97 part; 100P, 129/1, 130/1, 131P Vill.-Kachhagawan, Th.- Murwara, Distt-Katni (M.P.). (EIA Presentation)

This is a case of Kachhagawan Limestone and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra Nos.-96, part; 97 part; 100P, 129/1, 130/1, 131P Vill.-Kachhagawan, Th. - Murwara, Distt-Katni (M.P.) 7.42 ha. The project requires prior EC before commencement of any activity at site.

The Proposed project is for mining of Limestone and Dolomite by open cast other than fully mechanized method. The proposed mine lease area is located in village Kachhagawan, Tehsil Murwara, District Katni, Madhya Pradesh over an area of 7.42 Ha. The lease area is mostly broken and waste land and no forest land is involved in the mine lease area. The proposed capacity of the project is 1,60,000 TPA of Limestone and Dolomite.

1st Mining lease was granted to Shri Sorab Ji N. Dubash for the 20 years period w.e.f. 06.09.1980 to 05.09.2000. The lease has been transferred to N. M. Dubash Stone & Lime Co Pvt. Ltd. on 27.06.1991. 1st Renewal of mining lease was granted for 20 years period w.e.f. 06.09.2000 to 05.09.2020 by the State Govt.

Salient Feature of the Project

Project Site	Village Kachhagawan Murwara Tehsil, Katni District State: Madhya Pradesh	
Site Coordinate	Latitude: 23 ^o 58'34.6" N to 23 ^o 58'45.9" N Longitude: 80 ^o 27'34.1" to 80 ^o 27'59.9" E	
ML Area & Type of land	7.42 Ha of own land.	
Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc. within 15km	Open Jungle	0.3 km in NW
	PF near Hardua	5.6 km in NNW direction
	Surma RF	8.5 km in NE direction
	Bhaiswahi khap RF	8.5 km in SW direction
	Darodi RF	12.3 km in SSE direction
	Mudera PF	6.5 km in SE direction
	PF near Bhaiswahi	12.5 km in SSE direction
	Badera PF	13.5 km in SE direction
	Katni PF	11.5 km in SE direction
	Jiwara RF	12.0 km in ESE direction
	Goindra PF	12.6 km in E direction
Name of Important Rivers/	Aloni river	About 10.2 km in W direction

Nallahs/ Tanks/ Spring/ Lakes etc within 15km	Katni nadi Tons River Kevlari Nalla	About 9.5 km in SSE direction About 2.9 km in NNW direction About 5.0 km in ESE direction	
Topography of ML area	Highest Elevation - 394 AMSL towards north Lowest Elevation 390 m A.M.S.L. in south		
Name of mineral mined	Limestone and Dolomite		
Rate of Production (TPA)	1,60,000 TPA		
Life of mine	10 Years		
Method of Mining	Opencast Other than Fully Mechanized Mining		
Ground water level	40 - 45 m bgl (345 to 350 m AMSL)		
Ultimate depth of mine	Up to 356m AMSL		
Water Requirement & Source	Total water requirement for dust suppression, plantation and drinking is 22.0KLD. Water will be sourced from bore wells for drinking and domestic purpose, while dust suppression water used from mine sump		
Manpower Requirement	50		
Total Working Days annually	275		
Cost of project	Rs.1.01 Crores		

PP has submitted the EIA report vide letter dated 27/07/2016 which was forwarded by SEIAA vide letter no. 2884/SEIAA/16 dated 02/08/2016 and the case was scheduled for the presentation.

The nearest railway station is at Jhukehi, which is 4 km away from the site in west direction. The nearest airport is Khajuraho at 97.0 km in south west direction. Nearest highway is NH 7 is about 5.0 km in west direction. The nearest town is Katni at a distance of 24.0 km. Life of the mine is 10 years. Ultimate depth of the mine is 34m bgl and water table of the area varies from 40m to 45 m bgl. Controlled blasting will be carried out. Conceptual land uses at different stage are given below:

S.No.	Area	Existing	5th Year end	Mine Life End
1	Total area excavated (broken)	4.20	5.26	(6.40)
2	Area fully mined out (out of 1)	0.50	0.50	(6.40)
3	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	(2.10)
4	Area rehabilitated out of 3 by Afforestation	NA	Nil	2.10
5	Area rehabilitated by water harvesting	Nil	Nil	4.30
6	Total area under dumps	1.45	1.26	Nil
7	Area under Road	0.10	0.10	Nil
8	Plantation	0.10	0.75	1.02
9	Area Under infrastructure	Nil	0.05	Nil
10	Undisturbed	1.57	Nil	Nil

S.No.	Area	Existing	5th Year end	Mine Life End
	Total			7.42

The EIA was presented by the PP and their consultant wherein it was submitted by the PP that OB will be stacked for the initial 05 years and later on it will be simultaneously backfilled in the mined out area. After presentation, PP was asked to submit following information:

1. Justify the life of the mine is 10 years instead of 26 years as per submitted presentation.
 2. Production figures duly authenticated by the competent authority since from 1994 should be provided.
 3. Environmental policy of the company should be submitted by PP.
 4. Justification for water demand calculation w.r.t number of tankers, capacity and length of the haul road.
 5. Revised EMP & CSR with its budgetary provisions & list of all effected villages.
 6. Surface map showing the location of garland drains & settling pits with their dimensions be submitted.
3. **Case No. – 1665/13 M/s Vidhi Alias Pvt. Ltd., Bhiktiyog Apartment, Nargundkar, Layout Khamala Road, Nagpur (MH) Environment Clearance for approval of 06.229 Hectare Manganese Ore Capacity-5000TPA, at Khasra no.-982, 984/2, 985,Vill.-Katangjhari, Teh.-Lalbarra, Dist.-Balaghat (M.P.).**

This is case of Manganese Ore. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-982, 984/2, 985, Vill.-Katangjhari, Teh. - Lalbarra, Dist.-Balaghat (M.P.) 6.229 ha. The project requires prior EC before commencement of any activity at site.

LOCATION

The method of excavation is open cast, Mechanized method. The subject lease area is located at 21⁰50'08.4" to 21⁰50'06.8" N latitude and 79⁰58'35.6" to 79⁰58'30.4" E longitude and covered under Toposheet No. 55O/13. The area is Private Land. The District headquarter Balaghat is about 40 km. Area can be approached by Katangi- Waraseoni State highway 5.4km fro Balaghat and other parts of district.

Toposheet ó 55 O/13

Latitude ó 21⁰50'08.4" to 21⁰50'06.8" N

Longitude ó 79⁰58'35.6" to 79⁰58'30.4" E
Elevation ó 334m to 340m

Salient features of the project

Name of the project	Vidhi Alloys Pvt. Ltd.
Location of Mine	Village Katanghari, Tehsil Lalburra Distt. Balaghat (M. P.)
Latitude	21 ⁰ 50'08.4" to 21 ⁰ 50'06.8" N
Longitude	79 ⁰ 58'35.6" to 79 ⁰ 58'30.4" E
Land use	Private land
Minerals to be mined out	Manganese Ore
Total Reserve	16038 Tonne
Life of Mine	Approx. 3.2 years @ 5000 Ton/Annum
Proposed production	5000 ton/annum
Method of mining	Open cast manual/ mechanized
No. of working day in a year	300 days
Water requirement	6 kld
Source of water	from village panchayat
Man power requirement	32 Nos.
Nearest City	Balaghat- 40 km from Mine
Nearest Railway Station	Katangi Rly Station- 18 km from Mine
Nearest Airport	Nagpur – 180 km from the mine by road
Nearest Highway	Katangi-Waraseoni Road – 5.4 km
Nearest Village	Katanghari 600m
Nearest River	nil in 10 km
Topography	un dulating
Ecological Sensitive Zone	No national parks and sanctuary within 10 km radius
Interstate border	Maharashtra Boarder – 36 km

Mining

The mine is being worked by open cast manual/ mechanical method of mining. Lumps of minerals were being transported from pit bottom to surface manually/ mechanically and at staking place required sorting of Mn ore done where the waste was in the form of lateritic soil, mica schist and quartzite.

BLASTING

The mineralization in the lease area is amenable to direct excavation by hydraulic excavators, however at place loosening the in- suite material may be necessary, based up on the past mining activity, about 60% of the total excavation is considered for the blasting.

Conceptual Land use

At the end of conceptual period the total area will be developed 1.25 ha. at a depth of 20m point wise details of conceptual mining plan as on survey date are given as follows:

S. N.	Heads	AT Present Ha.	At the end of SYRS- Ha.	At the end of conceptual period- Ha.
1.	Total area excavated (Broken)	0.6370	1.2575	1.2575
2.	Area fully mined out (Out of 1)	0.024	0.024	1.2575
3.	Area fully reclaimed (Back filled) (Out of 2)	-	0.024	1.2575
4.	Area fully rehabilitated by bench/ slope afforestation (out of 2)	-	-	-
5.	Total area under dumps	0.0322	0.81	-
6.	Area under active dumps	-	-	-
7.	Area under dead dump	0.0322	-	-
8.	Area under mineral stack	0.0371	0.0371	-
9.	Area under road (outside pit)	0.032	-	-
10.	Area under green belt (I.E. Plantation on	-	0.032	0.032

	area other than dump and backfilled area)			
11.	Area under infrastructure	-	-	-
12.	Area under tailing dumps	-	-	-
13.	Area under any other use	-	0.0025	-
14.	Undisturbed Area	5.4907	4.0859	4.9355

Overburden Generation (Anticipated)

Year	Lateritic Soil- m3	Waste (Mica schist/	Total OB-m3
1 st	12410 m3	68742 m3	81152 m3
2 nd	-	32872 m3	32872 m3
3 rd	-	25756 m3	25756 m3
4 th	-	25756 m3	25756 m3
Total	12410 m3	153126 m3	165536 m3

The case was presented today by the PP and their consultant and after presentation PP was asked to submit following information:

1. As per the Google image based on the co-ordinates submitted by the PP, the site is approx. 40 meters away from the tar road. As per the provisions, 50 meters area is to be left as safe distance from the mine working area. Thus PP was asked to leave additional 10 meters area from the lease excluding 7.5 meters buffer zone. A commitment in this regard is to be submitted by the PP.
2. Commitment from the PP that control blasting will be carried out as the site is just 180 mts away from the nearest village.
3. Environmental policy of the company should be submitted by PP.
4. Land use plan should be depicted on map.
5. pH value of ground water sample no.- 01 is reported as 4.18 which should be re-checked and submitted with its justification.
6. Backup calculations of water demand with number of tankers, their capacity and length of haul road.

7. Revised EMP and CSR incorporating the budgetary provisions for commitments made in the public hearing.

4. Case No.-5326/2016 Shri Dilip Singh Lodhi S/o Shri Suraj Singh Lodhi, Vill. Chhawani, The. Tarana, Dist. Ujjain, MP – 456770 Prior Environment Clearance for River Sand Deposit in an area of 7.2 ha. (2160 cubic meter per year) at Khasra no.-78, Village-Banjari, Tehsil - Tarana, Dist. Ujjain (MP)

This is a case of River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-78, Village-Banjari, Tehsil - Tarana, Dist. Ujjain (MP) 7.2 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. 2923, dated: 07/11/15, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented today by the PP and their consultant and during presentation it was observed that as per the Google image of March 2014 based on the co-ordinates provided by the PP that a stop dam is in existence within the lease boundary thus 100 meters area should be left from the both sides of the dam. It was also observed by the committee that the lease is sanctioned by the Office of Collector, District Ujjain vide letter dated 09/10/2015. After presentation, PP was asked to submit following information:

1. Revised water demand to be submitted by PP.
2. Revised CSR budget with its effected villages nearby the lease area.

5. Case No.-5310/2016 Sunil Kumar Kalwani, Balaghat, and MP – 461223.Prior Environment Clearance for Manganese Ore Mines in an area of 3.238 ha. (2658 ton/year) at Khasra no.-237/1, 237/2, 238/1,238/2, 3, 239/3, 240/1-4-9-10-11, 251/2, Village-Arjuni, Tehsil - Katangi, Dist. Balaghat (MP) (TOR)

This is case of Manganese Ore Mines. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-237/1, 237/2, 238/1,238/2, 3, 239/3, 240/1-4-9-10-11, 251/2, Village-Arjuni, Tehsil - Katangi, Dist. Balaghat (MP) 3.238 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.1318 dated: 3/11/2005 has reported that there are 01 more mine operating or proposed within 500 meters around the said mine with total area of 11.328 ha including this mine.

The case was presented by the PP and their consultant. Being it 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. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Some trees are in existence in the lease area thus PP should submit inventory of all the existing trees and if tree falling is proposed same should be discussed in EIA report.

6. Case No.-5327/2016 Shri Amresh Kumar Chourasia S/o Shri Ashok Kumar Chourasia, 102, Vyanktesh Vihar, Aerodrome Road, Indore, MP – 452001 Prior Environment Clearance for Sand Deposit in an area of 8.0 ha. (1750 cubic meter per year) at Khasra no.-240, Village-Nimbakhedi, Tehsil - Tal, Dist. Ratlam (MP)

This is a case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-240, Village-Nimbakhedi, Tehsil - Tal, Dist. Ratlam (MP) 8.0 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.

1545, dated: 21/10/15, 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 scrutiny of documents it was observed by the committee that sanctioned mining leases is in two parts which is not contiguous in nature and also not in accordance with the MP MMR,1996 rule 04 (3). The committee also observed that single mine plan is prepared for the above leases. Earlier in cases of similar nature (please refer the minutes of 231st SEAC meeting dated 27/10/2015 and subsequent decision taken by SEIAA in its 327th meeting dated 05/05/2016) SEIAA has decided to close the case. The committee decided to forward this case to SEIAA for further considerations and necessary action.

7. Case No.4688/2015 Shri Madan Maheshwari, M/s Marvelous Marble Pvt. Ltd., 279, M.G. Road, Alirajpur (MP)-457887 Prior Environment Clearance for Marble Mine in an area of 8.090 ha. (35,000 TPA) at Khasra No.-49, 66, 1289, 1290, 1291, 1292, 1331, 1332, & 1352, Village-Ambua, Tehsil-Alirajpur, District-Alirajpur (MP) (Comprehensive EMP by M/s CSE, Bhopal)

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-49, 66, 1289, 1290, 1291, 1292, 1331, 1332, & 1352, Village-Ambua, Tehsil-Alirajpur, District-Alirajpur (MP) 8.090 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.-1055, dated: -11/03/15, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of -17.09 ha including this mine.

Salient Feature of the Project

Particulars	Details
Latitude & Longitude	22°25'53.6" N -74°25'00" E
Nearest City	Alirajpur - 15.50 km
Nearest Railway Station	Chota Uaipur - 47.0 km

Nearest Airport	Indore - 250 km
Nearest Highway	Alirajpur – Dahod SH-58 – 0.50km
Nearest Village	Ambua - 0.8Km - NE
Nearest habitation	Developed by labours - 0.35km - ENE
Hills/Valley	None within 5km radius
Ecological Sensitive Zone	None within 5km radius
Reserve Forest	Kathiwara RF – 9.0 Km -NW Kotbu RF – 6.5 Km – S
Historical Place	None in 10 km radius
Nearest River/ Nalla	Sukar Nadi - 4.00 Km - SW Hathni River - 1.60Km - ENE Gura Nadi - 6.50km -SE Nahlimand Nalla - 7.0km - SE Jhari Nalla - 5.5km - NW Local nalla - 0.25km - E Local nalla - 0.80km - SW Local nalla - 1.50km - E
Other lease area within 0.50km radius	1. Shri Ochhavlal Somani ó 4.0ha ó W ó 170m 2. Shri Madan Maheshwari ó 4.0ha- N- adjoin 3. Shri Mustfa Riyaz - 1.0ha ó N ó 230m
Industry	None within 10km radius
Crusher within 2.0km radius	None
Surrounding features	East- Agricultural land West ó Other mine followed by agricultural land North ó other mine followed by waste land

	South ó Agricultural land
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It was reported by the PP that

- The lease was granted for period of 20years from 21.07.2010 to 20.07.2020
- The lease area comes under waste land.
- Three other lease area is located within 500m radius
- The scheme of mining with progressive mine closure plan has been approved by DGM, Bhopal.

Salient feature of the lease area

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	8.09ha
Existing Pits & Quarries	0.9275ha
Existing Dumps	0.50 ha
Infrastructure and road	0.18ha
Mineral Storage	Nil
Plantation	0.05ha
Total Movable Reserve	1821690 MT
Method of mining	FM (Wire Saw method)
Ultimate Depth of Mining	20m bgl (311mRL)
Expected Life of Mines	53 years
Lease Period	10 year upto 2020
Stripping Ratio	1:8.5
Existing mode to transportation	Road
Area to be covered under dumps in proposal period	Nil
Area covered under pit in conceptual period	5.96 ha

Area to be reclaimed by conceptual period	0.55 ha
Area to be rehabilitated by afforestation in conceptual period	2.65 ha
Area to be covered under water reservoir	5.41 ha
Ground water table	26m bgl (305mRL) to 30m bgl (301mRL)
Assumed per day production in T	117 t
Per day dumper requirement with capacity	5 dumpers, capacity of dumper 24 t
End user of mineral	Fertilizer, detergent and rubber industries
Supply location	Dahod, Alirajpur & Gujrat

Mining Method

- Mining of marble blocks is carried out by making the holes by the LD-4 vertically and horizontally. Holes are matched for cutting purpose then diamond chain put in to holes for cutting of blocks.
- Separate benches has been made in soil with weathered marble and marble. Soil and weathered rock is removed by using excavator with tipper combination & be dumped in the north and eastern part with provision of retaining wall.
- Waste in the form of weather rock fractured, jointed and un-sized blocks will be dumped year wise in eastern part of the QL area.
- Presently two big pits have been observed within the lease area, which covers about 0.9275 ha of area.
- During the conceptual period about 5.96 ha area will be excavated up to 311mRL and 0.55ha area will be backfilled at the end of conceptual period.
- During the conceptual period about 5.41ha area will be converted as water retaining structure.

The case was earlier discussed in the 23rd SEAC-II meeting dated 06/05/2016 where it was observed that: "The above case was presented by the PP and their consultant wherein it was observed that it is an existing Marble mine surrounded by another 04 mines having a cumulative area of 17.09 ha as per mining officer letter no. 1055 dated 11/03/14. The production volume is 35,000 TPA. The nearest habitation is 2.00 kms away from the site. PP after presentation requested that their case may be considered as B-2 category. Committee

after deliberations decided that PP may be asked to submit comprehensive EMP specifically addressing following issues through QCI/NABET **accredited** consultant:-

1. Evacuation plan considering the cumulative production capacity of all the mines within 500 meters radius.
2. Existing Air, Water and Noise Quality Monitoring details with predictions within the lease area and surrounding area.
3. Details of existing plantation and proposed plantation scheme.
4. Mine water management plan.

PP has submitted the comprehensive EMP vide letter dated 08/08/2016 and the case was ascheduled for the presentation.

The case was presented by PP and their consultant wherein 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 :-A

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Transportation of minerals shall not be carried out through forest area (if any).
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. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
8. Production of Dolomite shall be as per the mining plan not exceeding 35,000 TPA.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
12. The commitments made in the public hearing are to be fulfilled by the PP.

13. 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.

8. Case No.-5329/2016 M/s D.S.Construction, D-523, Suresh Nagar, Thatipur, Gwalior, and M.P – 474011.Prior Environment Clearance for Sand Quarry Deposit in an area of 23.0 ha. (57500 cubic meter per year) at Khasra no.-173, 174, Village-Badonikala, Tehsil - Badoni, Dist. Datia (MP)

This is case of Sand Quarry Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-173, 174, Village-Badonikala, Tehsil - Badoni, Dist. Datia (MP) 23.0 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.-513, dated: -14/06/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -46.00 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 and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION

9. Case No. 1890/14 Shri Akhilesh Malvi, M/s Dharamsi Morarji Chemical Co. Ltd., D-6, Vishnu Hightech City, Infront of Bobdia Railway Gate, Bhopal (MP)-462026. Prior Environment Clearance for approval of proposed Phadki Mohgaon Bauxite Mine in an area of 40.468 ha. production Capacity-199272 MTPA at Plot No.- 1491P, Village-

Phadki Mohgaon, Tehsil & District-Balaghat (MP) (EIA consultant; In Situ Enviro Care, Bhopal)

The case was discussed in the 10th SEAC meeting dated 25/02/2016 wherein the EIA/EMP was presented by the PP and their consultant wherein submissions made by PP were found satisfactory except issue of Forest Clearance under FC Act, 1980. PP has also submitted an undertaking for EMS/CSR budget. The committee after deliberations decided that PP may ask to submit their response on applicability of forest clearance under FC Act, 1980. PP was also informed for the same vide office letter no. 779 dated 25/04/2016.

PP vide letter dated 30/08/2016 which is also forwarded by the SEIAA vide letter no. 3412/SEIAA/16 dated 03/09/2016 has requested that on their application for Forest Clearance, Forest Department, Govt. of M.P., has sought clarification/opinion from MoEF&CC which is under consideration and till such time their case may be kept pending. The above letter of PP was placed before the committee wherein committee after deliberations decided that three months time may be given to the PP for submitting necessary documents regarding Forest Clearance.

(R. K. Sharma, Member)

(Mohd. Akram Khan, Member)

(Dr.Sonal Mehta, Member)

(Prashant Shrivastava, Member)

(A.K Sharma, Vice Chairman)

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 casualty 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.
13. Mining should be done as per the submitted land use plan submitted by PP.

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. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. 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.
12. Established water conveyance channels should not be relocated, straightened, or modified.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.
17. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

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 tarpoline 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.