

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

:: MEGHALAYA ::

**'SYLVAN' House, Lower Lachumiere,
East Khasi Hills, Shillong – 793 001.**

**MINUTES OF 45th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA
SHILLONG HELD ON 30th JULY 2021, FOR ENVIRONMENTAL APPRAISAL OF NON-COAL
MINING PROJECTS**

Members of the Committee present:

Sl.No	Name	Designation	Signature
1	Shri. Nababrata Bhattacharjee	Chairman SEAC	-Sd-
2	Prof.Donkumar Syiem	Member	-Sd-
3	Shri Toiler H.S. Bonney (Rtd) IFS	Member	-Sd-
4	Shri. Puhnan M. Sangma	Member	-Sd-
5	Shri. Phngain Singh Giri Lyngdoh	Member	-Sd-
6	Shri.Shekhar K.Sangma	Member	-Sd-
7	Shri. Jiswordy Dkhar, MFS Deputy Conservator of Forest (SF &Env.)	Member Secretary SEAC	-Sd-

The 45th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 30th July 2021 through video conference from 11:30 AM onwards in the Conference Hall, Sylvan House, Meghalaya Shillong. At the outset the Chairman Shri. Nababrata Bhattacharjee, welcomed all the members of the Committee present and called the meeting to order. He requested the Member Secretary to initiate the discussion as per the agenda circulated vide letter No.ML/SEAC/Meeting/Vol-III/121/2020/21 dated the 28th June 2021, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 44th Meeting held on 16th July 2021.

The minutes were confirmed.

2. Action taken report as per the decision taken in the 44th Meeting.

As decided in the 44th meeting 4 (four) nos. of Term of Reference and 2 (two) ADS were recommended to State Environment Impact Assessment Authority, Meghalaya Shillong for onward necessary action from their end.

A. ENVIRONMENTAL CLEARANCE

1. Proposal No.SIA/ML/MIN/203540/2021 submitted by Shri. Meri Dhar.

The Project Proponent Smt. Meri Dhar submitted online application for Environmental Clearance vide proposal No. SIA/ML/MIN/203540/2021 for Rynthlong limestone mine for an area of 2.0 hectares. The proposal is for mining of lime stone use for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Rynthlong, Nongsning, Elaka Sutnga, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83 C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 14' 58.1"N	92° 24' 27.8"E
2	25° 14' 59.7"N	92° 24' 28.2"E
3	25° 15' 00.7"N	92° 24' 28.2"E
4	25° 15' 01.7"N	92° 24' 28.9"E
5	25° 15' 03.5"N	92° 24' 29.6"E
6	25° 15' 04.4"N	92° 24' 30.3"E
7	25° 15' 05.3"N	92° 24' 30.7"E
8	25° 15' 05.7"N	92° 24' 30.0"E
9	25° 15' 06.0"N	92° 24' 29.2"E
10	25° 15' 06.6 "N	92° 24' 28.6"E
11	25° 15' 05.4"N	92° 24' 28.0"E
12	25° 15' 04.3"N	92° 24' 26.7"E
13	25° 15' 03.1"N	92° 24' 26.1"E
14	25° 15' 02.0"N	92° 24' 25.5"E
15	25° 15' 00.8"N	92° 24' 24.9"E
16	25° 14' 59.4"N	92° 24' 24.5"E

The proposed land for mining belongs to the project proponent as per the land holding certificate issued by the Revenue Officer, Jaintia Hills Autonomous District Council, Jowai vide letter Memo. No. JHADC/REV/LHC 18/309/18 dated Jowai, the 1stOctober, 2019.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/IR/F.C/RO/2019-20/985/B/1192,

dated Jowai, the 2nd November 2020 and letter of Intent vide letter No.JH/M.D/M.L/L.S/2020-21/1118/B/1370 dated Jowai, the 25th November 2020. The Project Proponent also furnished a copy of application for NOC from Divisional Forest Officer, Wildlife Division, Jaintia Hills as being sought by Member Secretary, SEIAA. The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/44/MM/Mining Plan/2020-2021/133 dated Jowai, the 1st March, 2021 which states that there is no approved Mining Plan is located within a distance of 500 metres from the periphery of the approved mining plan. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Director of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/44/MM/Mining Plan/2020-21/131, dated Jowai, the 2nd February 2021. The Mining Plan has been prepared to extract Lime stone at an average annual production of 130275 TPA with a project cost of Rs.22.00 lakh and the operations will be open cast, semi-mechanized method of mining

As per the Mining Plan, the mine has a Total Mineable Reserves of 11, 66,800 tons. The production in the period of this mining plan will be around 6,51,375 tons in 5 years and the balance reserves will be 11,66,800-6,51,375 which is equal to 5,15,425 tons. If the production target is 1, 30,275 tons then the balance reserves will be sufficient for 515425/130275 which is equal to 3.95 years. Thus, the anticipated life of the mine will be 5+3.95=8.95 or say 9 years

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommended for grant of Environment Clearance with the following conditions.

1. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones, etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
2. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.

3. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and double the number of plants to be planted.
4. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
5. Letter of Intent (LOI) should be renewed as the validity has expired.

2. Proposal No.SIA/ML/MIN/205695/2021 submitted by Shri.Nebarson Tymmenieng.

The Project Proponent Shri. Nebarson Tymmenieng submitted online application for Environmental Clearance vide proposal No. SIA/ML/MIN/205695/2021 for Dak Sawhain limestone Mine for an area of 1.04hectares. The proposal is for mining of lime stone use for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Dak Sawhain, Lynti Dkhar Area, Sohbar Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 18.71"N	91° 45' 37.45"E
2	25° 11' 18.29"N	91° 45' 36.71"E
3	25° 11' 17.67"N	91° 45' 36.03"E
4	25° 11' 16.68"N	91° 45' 35.48"E
5	25° 11' 16.62"N	91° 45' 33.18"E
6	25° 11' 21.23"N	91° 45' 35.08"E
7	25° 11' 21.89"N	91° 45' 36.42"E

The proposed mining area is on lease for a period of 30 years vide Lease Agreement executed on the 17th June 2020 certified by Notary Public, East Khasi Hills.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills and Ri Bhoi (T) Territorial Division, Shillong vide letter No. KH/8/NOC/Limestone/41/Pt.IV/4349, dated Shillong, the 15th December 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/4377 dated Shillong, the 15th December 2020. The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/104/2021/08 dated Shillong,

the 3rd June, 2021 which states that there are another two limestone mines of different owners lying within 500 metres from the applied mining lease area and the total area is summed up to 2.75 Ha, which is less than 5 Ha. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/104/2021/04, dated Shillong, the 17th March 2021. The Mining Plan has been prepared to extract Lime stone at an average annual production of 35650 TPA with a project cost of Rs.20.50 lakh and the operations will be open cast, semi-mechanized method of mining

As per the Mining Plan, the mine has a Total Mineable Reserves of 4, 00,000 tons. The production in the period of this mining plan will be around 1, 67,675 tons in 5 years and the balance reserves will be 400000-167675 which is equal to 232325 tons. If the yearly production target is 35650 tons then the balance reserves will be sufficient for 232325/35650 which is equal to 6.51 years. Thus, the anticipated life of the mine will be 5+6.51=11.51 or say 12 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommend for grant of Environment Clearance with the following condition:

1. No blasting will be undertaken for loosening and excavation of limestone (as stated by the PP in the PFR, para 4.8 of Chapter 3.
2. The Project Proponent has to construct a wall of requisite height along the periphery to ensure that no run off to the nearby agricultural land takes place.
3. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
4. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
5. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.

6. To increase the allocation for plantation and maintenance to a minimum of Rs 1 lakh per annum and double the number of plants to be planted.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. Letter of Intent (LOI) should be renewed as the validity has expired.

3. Proposal No.SIA/ML/MIN/39056/2019 submitted by M/s KDS Bricks Industry.

The Project Proponent M/s KDS Bricks Industry submitted online application for Environmental Clearance vide proposal No.SIA/ML/MIN/39056/2019 for mining of brick earth for an area of 0.503 hectares. The proposal is for mining of brick earth use for making bricks for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Ghoramara,P.O+P.S-Garobadha,South West Garo Hills District, Meghalaya and toposheet Survey of India No.78K/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 33' 56.9"N	90° 01' 34.9"E
2	25° 33' 54.5"N	90° 01' 35.4"E
3	25° 33' 54.2"N	90° 01' 32.2"E
4	25° 33' 56.7"N	90° 01' 32.8"E

The proposed mining area is on lease for a period of 5 years vide Lease Agreement executed on the 22nd November 2018 at Ampati, certified by Sub-Registrar, South West Garo Hills, Ampati.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South and South West Garo Hills (T) Division, Tura vide letter No. B/16/VII/NOC/MMMCR/4070-71, dated Tura, the 30th October 2018 and letter of Intent vide letter No.B/16/VII/4935-939 dated Tura, the 19th December 2018. The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills , Williamnagar vide letter No.DMO-W/MP/15/2019/50 dated Williamnagar, the 3rd July, 2020 which states that there is another mine of different owner lying within 500 metres from the applied mining lease area and the total of these two mines is summed up to 2.482 Ha. which is

less than 5 Ha. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the office of the Divisional Mining Officer, East Garo Hills, Meghalaya, vide letter No.DMO-W/MP/8/2019/40, dated Williamnagar, the 22nd May 2019. The Mining Plan has been prepared to extract brick earth at an average annual production of 4332 TPA with a project cost of Rs.7.5 lakhs and the operations will be open cast, semi-mechanized method of mining

As per the Mining Plan, the mine has a Total Mineable Reserves of 12996 tons/3332308 Nos. of bricks. But the permit holder has obtained the quarry permit only for 3 years with the production capacity of 11.1 lakh bricks or 4332 Tonnes of brick earth per year and thus total 12996 tonnes of Brick Earth will be mined out during mining period of 3 years. So, the life of the mine will be 3 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommend for grant of Environment Clearance with the following condition.

1. Letter of Intent (LOI) should be renewed as the validity has expired.

4. Proposal No. SIA/ML/IND/212695/2021 submitted by M/s S.M. Coke.

Environmental Clearance for low ash metallurgical coke manufacturing (met coke manufacturing) unit having capacity of 24000 TPA at Nongjri, Kseh Wah Laharang, ElakaSutnga, East Jaintia Hills.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC, whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.



5. Proposal No. SIA/ML/IND/212611/2021 submitted by M/s Barbarik Coke Industry.

Environmental Clearance for low ash metallurgical coke manufacturing (met coke manufacturing) unit having capacity of 24000 MTPA at Wah Shken village, ElakaSutnga, East Jaintia Hills.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC, whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.

6. Proposal No. SIA/ML/IND/212631/2021 submitted by M/s Vivan Associates.

Environmental Clearance for ash metallurgical coke manufacturing (met coke manufacturing) unit having capacity of 24000 MTPA at Mookympad village, Elaka Sutnga, East Jaintia Hills.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC, whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.

7. Proposal No. SIA/ML/IND/208680/2021 submitted by M/s Sutnga Fuel.

Environmental Clearance for low ash metallurgical coke manufacturing (met coke manufacturing) unit having capacity of 18000 MTPA at village Soo Kilo, Elaka Sutnga, East Jaintia Hills.



Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC, whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.

8. Proposal No. SIA/ML/IND/208607/2021 submitted by M/s R.S. Petro.

Environmental Clearance for low ash metallurgical coke manufacturing (met coke manufacturing) unit having capacity of 24500 MTPA at Madan Kdait village, Soo Kilo, Elaka Sutnga, East Jaintia Hills.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC, whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.

9. Proposal No. SIA/ML/IND/212746/2021 submitted by M/s Meghalaya Minerals.

Proposed lower capacity ash coke plant manufacturing unit having capacity of 20000 TPA of low ash metallurgy coke (met coke) and 3000 TPA of coke breeze at Umtyra village, East Jaintia Hills.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent the committee unanimously has decided to reject the proposal since the threshold limit of the coke plant is below 25,000 MTPA.

As per the Schedule of the Environment Impact Assessment Notification 2006, para 4(b), indicates that installed capacity of coke production below 25000 MTPA requires no EC,



whereas, 25000 MTPA to 2, 50,000 MTPA is placed under category 'B' and 250000 MTPA and above under category 'A'.

The meeting ended with a vote of thanks from the Chair.


Chairman

State Expert Appraisal Committee
Meghalaya Shillong.