



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
:: MEGHALAYA ::**

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA
Held on 13th September, 2023, at 11:00 a.m.
Venue: Office Chamber of The Chairman

Members present in the Meeting:

1. Shri T.T.C. Marak, IFS (Retd.)Chairman, SEIAA
2. Dr. H.J. Syiemlieh, Professor, Dept. of Geography, NEHU Member, SEIAA
3. Shri. W.S. Manner, IFS, CCF, SF & EMember Secy., SEIAA

Proceedings:

The Meeting was chaired by Shri. T.T.C. Marak, Chairman, SEIAA. At the outset, the Chairman welcomed the Members and then invited the Member Secretary to present the agenda points for discussion.

Agenda 1: Action taken Report - The Member Secretary informed about the action of the decisions taken in the last SEIAA’s meeting held on 14th August, 2023 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

Agenda 2: Grant of Environmental Clearance (EC)

2.1 Proposal No. SIA/ML/MIN/435914/2023 submitted by Shri. Biratson Sangma (Chambakpara Store Mine)

Deliberation:

The Project Proponent, Shri. Biratson Sangma submitted online application for Environmental Clearance vide proposal No. SIA/ML/MIN/435914/2023 for **Chambakpara Store Mine** for mining of boulder stone for an area of 0.30 hectare. The proposal is for mining of boulder stone to be used for road, railway and construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Chambakpara. P.O. Chibinang, P.S. Phulbari, West Garo Hills District, Meghalaya and SOI Toposheet No. G46M1 within the following GPS Coordinates:

Pillar No.	GPS COORDINATES	
	Latitude	Longitude
1	25° 51.705’ N	90° 05.581’ E
2	25° 51.713’ N	90° 05.573’ E
3	25° 51.735’ N	90° 05.599’ E

4	25° 51.696' N	90° 05.629' E
5	25° 51.692' N	90° 05.625' E
6	25° 51.705' N	90° 05.610' E
7	25° 51.705" N	90° 05.581' E

The proposed land is on lease for a period of 10 years vide Deed of Lease which was executed on the 14th May 2018 and certified by the District Registrar, Tura, Meghalaya.

The applied area is a Non-Forest Land which was confirmed by the Divisional Forest Officer, West & South-West Garo Hills (T) Division, Tura vide letter No. B/16/VII/NOC/MMMCR/3212-14 dated Tura, the 27th August. 2019 and Letter of Intent vide letter No. B/16/VII/463, dated Tura, the 14th February. 2023 respectively.

The project proponent obtained a cluster certificate from the Division Mining Officer, East Garo Hills, Williamnagar vide letter No. DMO-W/MP/15/2023/16 dated Williamnagar, the 25th April, 2023 which states that there is no approved mining plan lying within 500 meters from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills, Williamnagar, Meghalaya vide letter No. DMO-W/MP/92/2023/282 dated Williamnagar the 22nd March, 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 4455.4 MTPA with a project cost of ₹ 84.7 lakhs and the operations will be open cast, semi-mechanized method of mining. The As per the approved mining plan, the estimated life of the mine is 6.51 = 7 Years.

Decision:

The State Environment Impact Assessment Authority noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd 08.01.2019 and with the following conditions.

- 1) LOI ought to be renewed as the validity has expired.
- 2) 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.
- 3) Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.

- 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) In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc. the notified norms of Forest and Environment Department Govt. of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and increase the number of saplings to be planted. The Nurseries for the approved species as given in the EIA report should be created before commencement of the mining plan and the types of species should be according to the Forest Department Plantation Norms (Amended in 31.03.2023) & plantation should be done in the 1st and 2nd year of the planned period.
- 8) CFR should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 13) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 14) As per the letter from the Divisional Forest Officer vide No. MWL/33/MISC/706 dated 14th August, 2023, the Project Proponent should not undertake any mining activity in the workout area. Instead, it can be used as site for OB dump.
- 15) The Green Belt shall be created within the 7.5 meter Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

Member Secretary shall prepare the draft Environment Clearance for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

2.2. Proposal No.SIA/ML/MIN/433571/2023 submitted by Shri. Banlumlang Thangkhiew (Banlum Boulder Stone Mine)

Deliberation:

The Project Proponent, Shri. Banlumlang Thangkhiew submitted online application vide proposal No. SIA/ML/MIN/433571/2023 for Environmental Clearance for Banlum Boulder Stone Mine for mining of boulder stone for an area of 1.71 hectare. The proposal is for mining of

Boulder stone to be used for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Pohlum, Madur village, West Jaintia Hills District, Meghalaya and Survey of India toposheet No. 83 C/3 with in the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 29' 51.21" N	92° 08' 40.40"E
2	25° 29' 54.84" N	92° 08' 45.41"E
3	25° 29' 56.83" N	92° 08' 43.26"E
4	25° 29' 51.42" N	92° 08' 36.54"E

The proposed land is on lease vide Lease Deed for a period of 20 years which was executed on 1st July 2022 certified by Public Notary, Government of Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer Jaintia Hills Territorial Division vide letter No.JH/IR/FC/2022-23/985/B/1132. dated Jowai, the 30th September 2022 and renewed Letter of Intent vide letter No.JH/B.T/M.L/M.L,&.5/2022-23/B/403 dated Jowai, the 11th May, 2023 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/80/MM/MiningPlan/2022-23/28 dated Jowai the 15th March 2023 where it is mentioned that there is only one approved mining plan located within 500 meters with a total cluster of less than 5 ha. Hence, the Environment Management Plan is not required.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/80/MM/Mining Plan/2022-23/28 dated Jowai the 15th March, 2023. The Mining Plan has been prepared to extract lime stone at the rate of 60,000 MT with a project cost of ₹20.00 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 1033765 MT and after leaving residual benches, the net total mineable reserves come to 554599 MT. As the mine is targeted to produce 60,000 tons per annum and taking 300 as the average number of working days per annum, the daily production comes to around 200 TPD. Hence, the anticipated life of the mine will be 9.7433 years say 10 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya noted and accepted the recommendation of the SEAC relating to this project and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal

mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd 08.01.2019 and 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) Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
- 3) 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.
- 4) 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.
- 5) In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc. the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly. including financial cost. Budget under said head stands revised accordingly.
- 6) To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and increase the number of saplings to be planted. The Nurseries for the approved species as given in the EIA report should be created before commencement of the mining plan and the types of species should be according to the Forest Department Plantation Norms (Amended in 31.03.2023) & plantation should be done in the 1st and 2nd year of the planed period.
- 7) CER should be included in the capital cost and it should be increased to a minimum of ₹1 lakh annually.
- 8) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 9) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 10) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 11) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining.
- 12) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 13) A retaining wall of adequate height not less than 6 ft above the ground level and 4-6 ft below the ground level is to be constructed within mining site for stacking of Over Burden (OB), to ensure that no debris etc. overflow's to adjoining land/agricultural field.
- 14) As per the letter from Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya vide No.DMO-I/80/MM/Mining Plan/2022-23/07 dated Jowai, the 25th July 2023 declaring that no mining operation has been done in the proposed mining site. It is liable that the

mining site can be close down exclusively when any debris erodes to the adjoining agricultural field.

- 15) The Green Belt shall be created within the 7.5 meter Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

Member Secretary shall prepare the draft Environment Clearance for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

Agenda 3: Letter from the DFO, East Khasi Hills & Ri Bhoi (T) Division related to the M/s Uranus Stone Products & Co.

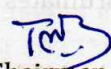
Deliberation:

The Member Secretary placed before the committee the letter from the DFO, East Khasi Hills & Ri Bhoi (T) Division related to the M/s Uranus Stone Products & Co. seeking clarification from SEIAA, Meghalaya if it is necessary to issue a statement on the current status of the Mining Lease areas within a cluster for application of prior Environmental Clearance.

Decision:

After thorough deliberation, the members unanimously decided to reply to the DFO stating that the such information would only be required after the Project Proponent have applied for Environmental Clearance through the Parivesh portal.

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


Chairman
SEIAA, Meghalaya,
Shillong.