

**MINUTES OF THE 1<sup>ST</sup> MEETING (BRICK KILNS) OF STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), TRIPURA HELD ON 03<sup>RD</sup> JUNE, 2022 AT THE OFFICE CHAMBER OF DIRECTOR, SCIENCE, TECHNOLOGY & ENVIRONMENT DEPT, P.N. COMPLEX, AGARTALA, WEST TRIPURA.**

The 1<sup>st</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA), Tripura is held on 03<sup>rd</sup> June, 2022 at Office chamber of Director, Science, Technology & Environment Deptt, P.N. Complex, Agartala, West Tripura under the Chairmanship of Dr. Jaharlal Saha, Chairman, SEIAA. The following members were present:

1. Shri . Animesh Das, Member Secretary, SEIAA
2. Dr. Sabyasachi Dasgupta, Member, SEIAA

A total of **02(Two)** numbers of brick earth mining plans as examined and recommended by the SEAC vide letter F.8(25)/TSPCB/SEAC/2022/922 dated 23/05/2022 which were approved by the Forest Department, Tripura came up for consideration of Environmental Clearance in the 1<sup>st</sup> Meeting of SEIAA on 03/06/2022. In consideration of recommendation of the SEAC, the SEIAA has approved the 02 (two) number of proposal as placed before the Committee meeting on today along with terms and conditions attached herewith.

The Environmental Clearance (EC) will be valid for 5 (five) years from the date of issue subject to strict compliance of the terms and conditions as mentioned above.

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**M/s. Cluster Mine of Five (5) Brick Fields**

**M/s. Maa Bricks Industry M.B.I**  
**Asok Roy & Rajesh Roy**  
**Village: Dhanpur**  
**P.S- Sonamura, District-Sepahijala**

**M/s. Basanti Bricks Industries B.B.I**  
**Asok Roy & Rajesh Roy**  
**Village: Dhanpur**  
**P.S- Sonamura, District-Sepahijala**

**M/s. Subrata Bricks Industries (S.B.I) Unit II**  
**Subrata Roy**  
**Village: Dhanpur**  
**P.S- Sonamura, District-Sepahijala**

**M/s. Kalimaa Bricks Industries K.M.I**  
**Kishore Roy & Kinsok Roy**  
**Village: Dhanpur**  
**P.S- Sonamura, District-Sepahijala**

**M/s. United Bricks Industries U.B.I**  
**Jagatmoy Tripura**  
**Village: Dhanpur**  
**P.S- Sonamura, District-Sepahijala**

In reference to the online proposal no. SIA/TR/MIN/270504/2022 dated 02/05/2022 on behalf of the aforesaid proponent in form 1M along with Prefeasibility Report (PFR) and mining plan duly Approved by Forest Department, Tripura vide letter No.F.7(284)/FOR/FP-2016/Part-IV/3425-427 dated 25/04/2022 and subsequently SEAC has recommended for Environmental Clearance (EC) for the purpose of brick earth mining with proposed production capacity of **11070** cubic meters per annum(cluster situation) / **2214** (individual situation) on behalf of the project **M/s. Cluster Mine of Five (5) Brick Fields, Block ID-SP-BR-41.**

The Proposed mining of **8.00** Acre areas is located under Plot no. **2754,2754/4378,2761,2888/4090,2761/4089** of **Mouza Manarchak** under **P.S. Sonamura** of **Sepahijala District**. The geo-stationary Co-ordinates of the proposed mining area are as follows:

A	23° 25'49.0563"N	91°17'47.9601"E
B	23° 25'45.1823"N	91°17'50.9835"E
C	23° 25'40.3799"N	91°17'46.6614"E
D	23° 25'44.6261"N	91°17'43.0147"E

The State Level Expert Appraisal Committee (SEAC) in its 1<sup>st</sup> meeting dated 18/05/2022 examined the proposal noted above and forwarded to SEIAA



vide letter No. F.8(25)/TSPCB/SEAC/2022/922 dated 23/05/2022 by the Secretary, SEAC, Tripura with recommendation of SEAC, Tripura for issuing Environmental Clearance (EC) by the State Level Environmental Impact Assessment Authority (SEIAA). In consideration of recommendation of the SEAC, SEIAA has decided to accord Environmental Clearance (EC) to **M/s. M/s. Cluster Mine of Five (5) Brick Fields, Prop: Asok Roy & Others** for brick earth mining with proposed production capacity of **11070** cubic meter per annum in the mining area of **8.00** Acres located under the land schedule as mentioned above subject to following terms & conditions for a **validity of 5 years** from the date of issue of this Environmental Clearance (EC) Certificate.

2.


**M/s. Trishna Bricks Industries (T.B.I)**  
**Kiran Tripura**  
**Village: Paharpur**  
**P.S- Sonamura, District-Sepahijala**

In reference to the application vide letter No. SIA/TR/MIN/270895/2022 dated 03/05/2022 on behalf of the aforesaid proponent in form 1M along with Prefeasibility Report (PFR) and mining plan duly Approved by Forest Department, Tripura vide letter No.F.7(284)/FOR/FP-2016/Part-IV/3422-424 dated 25/04/2022 and subsequently SEAC has recommended for Environmental Clearance (EC) for the purpose of brick earth mining with proposed production capacity of **2214** cubic meters per annum on behalf of the project **M/s. Trishna Bricks Industries, Block ID-SP-BR-42.**

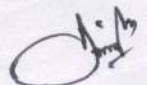
The Proposed mining of **2.15**Acre areas is located under Plot no. **2207** of **Mouza Paharpur** under **P.S. Sonamura** of **Sepahijala District**. The geo-stationary Co-ordinates of the proposed mining area are as follows:

A	23° 24'55.00"N	91° 17'52.15"E
B	23° 24'53.80"N	91° 17'53.75"E
C	23° 24'48.78"N	91° 17'50.39"E
D	23° 24'48.84"N	91° 17'50.28"E
E	23° 24'49.06"N	91° 17'50.36"E
F	23° 24'50.07"N	91° 17'49.48"E

The State Level Expert Appraisal Committee (SEAC) in its 1<sup>st</sup> meeting dated 18/05/2021, examined the proposal noted above and forwarded to SEIAA vide letter F.8(25)/TSPCB/SEAC/2022/922 dated 23/05/2021 by the Secretary, SEAC, Tripura with recommendation of SEAC, Tripura for issuing Environmental Clearance (EC) by the State Level Environmental Impact Assessment Authority (SEIAA). In consideration of recommendation of the SEAC, SEIAA has decided to accord Environmental Clearance (EC) to **M/s.**



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**Trishna Bricks Industries, Prop: Kiran Tripura** for brick earth mining with proposed production capacity of **2214** cubic meter per annum in the mining area of **2.15** Acres located under the land schedule as mentioned above subject to following terms & conditions for a **validity of 5 years** from the date of issue of this Environmental Clearance (EC) Certificate.

The Committee may recommend to issue Environment Clearance Certificate with the following conditions with a **validity of 5 years** w.e.f date of issue:

1. The Project Proponent should have valid Short Term Mining Lease (STML) and all the permits are necessary before borrowing/extracting brick earth.
2. All the provisions made and restrictions imposed in the Tripura Minor Minerals Concession Rules, 2014 shall be complied with, particularly regarding Environment Management Practices and its fund management and Payment of compensation to the land owner, if any.
3. Instead of straight cutting, the mining of brick earth shall be done with a slope 1:3 ratio for minimizing soil erosion of the agricultural land.
4. The borrowing/excavation activity shall be restricted to a maximum depth of 2m below general ground level at the mining lease area.
5. The borrowing/excavation activity shall be restricted to 2m above the ground water level at the mining lease area.
6. In case of mining in River flood plain, a buffer of 3 m to be left from the River bank.
7. A minimum distance of 15m from any civil structure shall be kept from the periphery of the excavation area.
8. A berm shall be left from the boundary of adjoining field having a width 7.5 meter of the proposed Mining area.
9. Mining shall be done in such a way to avoid ponding effect. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
10. The Proponent shall submit half-yearly compliance reports as per the stipulated environmental clearance terms and conditions on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year to the Regulatory Authority. Accordingly, the proponent shall submit two copies of half-yearly compliance report addressed to the Member Secretary, Tripura State Pollution Control Board and also have to upload the compliance report online through the Parivesh Portal (<http://parivesh.nic.in/>)

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11. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent the mishap.
12. To maintain safety and stability of bank of any water body including river. 3m or 10% of the width of the same, whichever is more, will be left intact as 'No Mining Zone'.
13. No stream should be diverted for the purpose of brick earth mining/borrowing. No natural water course and/or water resources should be obstructed due to such mining operations.
14. The activities associated with borrowing/extraction of brick earth and ordinary earth shall not involve blasting.
15. The method of brick earth mining shall be manual.
16. Mining should be done only in area identified in the District Survey Report (DSR) suitable for mining and so certified by the SDM/SEAC/Authorized Consultant (MOEF &CC) .
17. Mining should begin only after pucca pillar marking of the boundary of lease area is erected at the cost of the lease holder after certification by the SDM/SEAC/Authorized Consultant (MOEF &CC) and its geo coordinates are made available to the District Survey Report (DSR).
18. The EC holder shall keep a correct account of quantity of brick earth mined out, dispatched from the mine, mode of transport, registration number of vehicle, engaged person in charge of vehicle and mine plan. This should be produced before officers during inspection.
19. For each mining lease site, the access should be controlled in a way that vehicles carrying brick earth from that area are tracked and accounted for.
20. There should be regular monitoring of the mining activities to ensure effective compliance of stipulated EC conditions and of the provisions laid down under the Tripura Minor Mineral Concessions Rules, 2014.
21. Noise arising out of mining activities shall be abated and controlled at source to keep within permissible limit.
22. No brick earth mining shall be allowed in rainy season.
23. The mining operation shall be carried out in daytime only in non-rainy season.
24. The pollution due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly in the periphery of mining area & brick field.
25. The Project Proponent should be submitted Ground Water Clearance from (CGWA) within 6 Months from the dated of received EC certificate.
26. Air Pollution due to dust, exhaust emission or fumes during mining and processing phase shall be controlled and kept in permissible limits specified under environmental laws.





27. The transportation of brick earth shall be carried out through covered trucks only and the vehicles carrying the brick earth shall not be overloaded at any cost. Wheel washing facility should also be installed and used.
28. The mining operations are to be done in a systematic manner so that the operations shall create a major visual impact on the site.
29. Restoration of flora affected by mining shall be done immediately. Twice the number of trees destroyed by mining to be planted preferable of indigenous species. EC holder should plan and maintain for lease period at least 25 trees per hectare in area within lease boundary.
30. Protection of turtle and bird habitats, if any, shall be ensured.
31. Spring sources shall not be affected due to mining activities. Necessary Protection measures are to be incorporated.
32. Removal, stacking and utilization of top soil in mining are should be ensured. Where top soil cannot be used concurrently, it shall be stored separately for future use keeping in view that the bacteria organism should not die and should be spread nearby area.
33. No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
34. No extraction of brick earth in landslide prone areas shall be made.
35. Controlled clearance of riparian vegetation to be undertaken
36. Site clearance and tidiness is very much needed to have less visual impact of mining.
37. No mining lease shall be granted in the forest area without forest clearance in accordance with the provisions of the Forest Conservation Act, 1980 and the rules made there under.
38. Rubbish burial shall not be dumped in the Rivers or in any water bodies. Dumping of waste, if any, should be done in earmarked places as approved in Mining Plan.
39. All possible precautions shall have to be taken for the protection of environment and control of pollution.
40. Effluent discharge, if any, should be kept to the minimum and it should meet the standard prescribed
41. Mining shall not be undertaken within 150 m upstream and downstream from the central line of any bridge, regulator or similar hydraulic structure and from the end point of bank protection works as per the provision of the Tripura Minor Mineral Concessions Rules, 2014.
42. No mining operation shall be done within 1 km barrage axis or dam on a river unless otherwise permitted by the concerned Executive Engineer, Revenue Officer or authorized officer as per

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- the provision of the Tripura Minor Mineral Concessions Rules, 2014.
43. No mining operation will be allowed within 25 m from any road, public structure, embankment, railway line, bridge, canal, road and public works or buildings as per the provision Tripura Minor Mineral Concessions Rules, 2014.
  44. For carrying out mining in proximity to any bridge or embankment, appropriate safety zone (not less than 150 meter) should be worked out on case to case basis, taking into account the structural parameters, location aspects and flow rate, and no mining should be carried out in the safety zone so worked out.
  45. Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.
  46. Vehicles used for transportation of brick earth are to be permitted only with of fitness and PUC Certificates.
  47. Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
  48. No stacking allowed on road side along National Highways.
  49. The Project Proponent shall undertake phased restoration reclamation and rehabilitation of Land affected by mining and shall complete this work before abandonment of mine.
  50. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster/individual. This should be appropriately reflected as EC condition in each EC in cluster/individual.
  51. Site specific plan with eco-restoration should be in place and implemented.
  52. Health and safety of workers should be taken care of. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
  53. Transport of borrowed/excavated earth will not be done through villages/habitations
  54. The Project Proponent shall make arrangement for drinking water, sanitation and also first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers/laborers.
  55. Project Proponent must implement the Disaster Management Plan as Tripura falls within Seismic Zone-V. Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.

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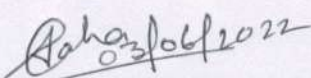
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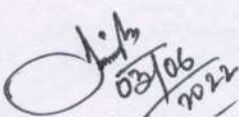


56. Project Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and records maintained; also. Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smokers, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. Recommendations of National Institute for Labor for ensuring good occupational environment for mine workers would also be adopted.
57. The Project Proponent shall report monitoring data on replenishment, traffic management, levels of production, River Bank erosion and maintenance of Road etc.
58. After receiving Environmental Clearance (EC) consent to operate (CTO) from Tripura State Pollution Control Board is mandatory.
59. The SEIAA/SEAC, Tripura reserves the right to stipulate additional conditions, if found necessary.
60. If any of the above condition is found to be violated by the proponent, EC may be withdrawn by SEIAA, Tripura without any notice.

**Approved by SEIAA on recommendations of SEAC**

  
(Dr. Jaharlal Saha)  
Chairman, SEIAA

  
(Dr. Sabyasachi Dasgupta)  
Member, SEIAA

  
(Animesh Das, IAS)  
Director, Department of Science, Technology  
and Environment  
& Member Secretary, SEIAA