Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Level Expert Appraisal Committee(SEAC),
WEST BENGAL)
***

Minutes of 89th Meeting of Reconstituted SEAC State Level Expert Apprais al Committee meeting held from 12/11/2025 to 12/11/2025

Date: 27/11/2025

MoM ID:	EC/MOM/SEAC/607707/11/2025
Agenda ID:	EC/AGENDA/SEAC/607707/11/2025
Meeting Venue:	Conference Room, Paribesh Bhawan, West Bengal Pollution Control Board, Bidhannagar, Kolkata – 700106.
Meeting Mode:	Hybrid

Date & Time:

12/11/2025	02:00 PM	06:00 PM

1. Opening remarks

The Member Secretary, SEAC welcome the Members & the Chairman of the Committee and apprised them about the Agenda of the meeting.

2. Confirmation of the minutes of previous meeting

The proceedings of 88th meeting of SEAC held on 29.10.2025 were prepared and uploaded in the Parivesh Portal on 19.11.2025 with the approval of all the Members & the Competent Authority. SEAC confirmed the same.

3. Details of proposals considered by the committee

Day 1 -12/11/2025

3.1. Agenda Item No 1:

3.1.1. Details of the proposal

Baruagopalpur Blackstone Block by **WESTWELL CONSULTANTS PRIVATE LIMITED** located at **BIRBHUM, WEST BENGAL**			
Proposal For		Fresh ToR	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/552119/2025	2N-191/2025(E)	28/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.1.2. Project Salient Features

- **The project is falling within the DSR potential zone code BH_BS_ZONE_04 and BH_BS_ZONE_03.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – PAKUR is at a distance of 2.01 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Baruagopalpur Blackstone Block
Project proponent	Westwell Consultants Pvt. Ltd. (Director- Rajesh Kumar Prasad)
Location of the project	Baruagopalpur, P.S.- Murarai-I, Plot No- 4259(P), J. L. No.- 01, District – Birbhum, West Bengal.
Project Area	4.87 Ha/ 12.034 Acres
DSR potential zone code	BH_BS_ZONE_04 and BH_BS_ZONE_03
Proposed area for green belt/plantation	1.90 Ha
No. of saplings proposed	4750 (in total)
Amount for plantation	Rs. 1,187,500 (total in 5 years)
Total Project Capital Cost	Rs. 3.574 Crore

Total Project Cost	Rs. 12.881 Crore
Amount for need-based activities	Rs. 17,87,000 (This amount will be spent over a period of 2 years)

- Year wise production details of black stone as mentioned in the Mining Plan is given below :-

Year	Bench Details	RL		Average Area (M^2)	Height (M)	Volume (M^3)	Specific Gravity	Mineable Reserves (Mt)	Mining Loss	Extractable Reserves (Mt)	Extractable Reserve (Mt)	Type	Total (Mt)
		From (M)	To (M)										
1st Year	1ST Bench	81	78	4165.62	3	12496.85	2.89	36115.88	2%	35393.57	0.035	Blst	255797.23
	2nd Bench	78	72	5793.66	6	34761.95	2.89	100462.03	2%	98452.79	0.098	Blst	
	3rd Bench	72	66	7176.45	6	43058.71	2.89	124439.67	2%	121950.88	0.122	Blst	
2nd Year	4th Bench	66	60	8911.04	6	53466.22	2.89	154517.38	2%	151427.04	0.151	Blst	356540.70
	5th Bench	60	54	9449.70	6	56698.22	2.89	163857.86	2%	160580.70	0.161	Blst	
	6th	54	5	102	1.5	1572	2.8	45441.80	2%	4453	0.045	Bl	

	Bench		2.47	77.00	3	3.81	9			2.96		st	
3rd Year	1ST Bench	81	78	25533.54	3	76600.62	0	0.00	2%	0.00	0.000	Soil	392511.08
	2nd Bench	78	72	23098.13	6	138588.76	2.89	400521.51	2%	392511.08	0.393	Blst	
4th Year	3rd Bench	72	66	21246.74	6	127480.43	2.89	368418.43	2%	361050.06	0.361	Blst	691957.100
	4th Bench	66	60	19472.91	6	116837.46	2.89	337660.25	2%	330907.04	0.331	Blst	
5th Year	5th Bench	60	54	17776.96	6	106661.77	2.89	308252.51	2%	302087.46	0.302	Blst	372107.630
	6th Bench	54	52.47	16158.75	1.53	247228.89	2.89	71449.15	2%	70020.16	0.070	Blst	
TOTAL													
								211136.47		206891.74			206891.74

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3.1.3. Deliberations by the committee in previous meetings

N/A

3.1.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

Mandatory documents

a) Proper land documents along with land summary should be submitted.

b) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

c) Surface and ground water hydrology should be submitted.

d) Study report on fracture analysis with respect to groundwater flow.

e) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

f) Details of backfilling plan is to be indicated.

g) Dust mitigation plan for the project should be submitted.

h) Plan and location for storage of the over burden.

i) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

j) Impact of noise and transportation on the nearby habitation may be studied and submitted.

k) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, habitation, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

l) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation program to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

m) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

n) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

o) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

p) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

q) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

r) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.1.5. Recommendation of SEAC

Recommended

3.1.6. Details of Terms of Reference

3.1.6.1. Specific

Annexure - A	
1.	**Annexure - A** **Executive Summary** The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points: 1) Project name and location (Village, District, State, Industrial Estate (if applicable).

	2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC. 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative). 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes. 5) Measures for mitigating the impact on the environment and mode of discharge or disposal. 6) Capital cost of the project, estimated time of completion. 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of is acquisition, nearby (in 2-3 km.) water body, population, with in 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary). 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population. 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk. 10) Likely impact of the project on air, water, land, flora-fauna and nearby population. 11) Emergency preparedness plan in case of natural or in plant emergencies. 12) Issues raised during public hearing (if applicable) and response given. 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure. 14) Occupational Health Measures. 15) Post project monitoring plan.
A. STANDARD TERMS OF REFERENCE	
1.	1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994. 2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given. 3. All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee. 4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone). 5. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics. 6. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority. 7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report

with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.

8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.

9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.

10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

11. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.

12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

13. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

14. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.

17. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.

18. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be

furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan along with budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

19. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL. HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

21. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectorial programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.

31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.

35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

37. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided

	and also incorporated in the final EIA/EMP Report of the Project. 40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given. 41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out. 42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report. 43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc. 44. Besides the above, the below mentioned general points are also to be followed:- a. Executive Summary of the EIA/EMP Report (enclosed as **Annexure – A**). b. All documents to be properly referenced with index and continuous page numbering. c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated. d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project. e. Where the documents provided are in a language other than English, an English translation should be provided. f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted. g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed. h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation. i. As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable. j. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
B. Additional conditions imposed by SEAC:	
1.	**Mandatory documents** 1) Proper land documents along with land summary should be submitted. 2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. 3) Surface and ground water hydrology should be submitted.

4) Study report on fracture analysis with respect to groundwater flow.

5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

6) Details of backfilling plan is to be indicated.

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Greenbelt and plantation

12) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation program to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

13) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

14) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

15) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

16) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

17) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

18) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

While applying for environmental clearance, the PP shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	M/s. Westwell Consultants Private Limited (Through Director- Rajesh Kumar Prasad)
Correspondence Address	213 B, Park Street, Kolkata- 700017
Authorised Signatory	Mr. Raj Pramanik
Address of Authorised Signatory	C/O- Naba Pramanik, Vill- Rajgram, P.O.- Rajgram, P.S.: Murarai-I
Email	wetwellconsultant@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House

3.2. Agenda Item No 2:

3.2.1. Details of the proposal

Baruagopalpur Blackstone Block by **S B CONSTRUCTION AND COMPANY** located at **BIRBHUM,WEST BEN GAL**

Proposal For		Fresh ToR	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/555562/2025	2N-189/2025(E)	29/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.2.2. Project Salient Features

- **The project is falling within the DSR potential zone code BH_BS_ZONE_04 and BH_BS_ZONE_03.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – PAKUR is at a distance of 1.56 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Baruagopalpur Blackstone Block
Project proponent	S.B. Construction and Company (Through Director- Sanjibur Rahaman))
Location of the project	Baruagopalpur, P.S.- Murarai-I, Plot No- 4259(P), J.L. No.- 01, District – Birbhum, State – West Bengal.
Project Area	4.85 Ha/ 11.985 Acres
DSR potential zone code	BH_BS_ZONE_04 and BH_BS_ZONE_03
Proposed area for green belt/plantation	2.23 Ha
No. of saplings proposed	5575 (in total)
Amount for plantation	Rs. 13,94,000 (total in 5 years)
Total Project Capita Cost	Rs. 2.97 Crore
Total Project Cost	Rs. 12.24 Crore

Amount for need-based activities	Rs. 14,85,000 (This amount will be spent over a p eriod of 2 years)

- Year wise production details of black stone as mentioned in the Mining Plan is given below :-

Year	Bench Details	RL		Average Area (M^2)	Height (M)	Volume (M^3)	Specific Gravity	Mineable Reserves (Mt)	Mining Loss	Extractable Reserves (Mt)	Extractable Reserve (Mt)	Type	Extractable Reserves Year Wise Total (Mt)
		From (M)	To (M)										
1st Year	1st bench	84	81	22692.30	3	68076.90	0	0.00	2%	0.00	0.000	Soil	**631963.78**
	2nd bench	81	75	19717.24	6	118303.43	2.89	341896.93	2%	335058.99	0.335	Blackstone	
	3rd bench	75	69	17471.98	6	10483 1.86	2.89	302964.07	2%	296904.79	0.297	Blackstone	
2nd Year	4th bench	69	63	15359.36	6	92156.17	2.89	266331.34	2%	261004.72	0.261	Blackstone	**460379.51**
	5th bench	63	57.74	13383.22	5.26	70395.73	2.89	203443.67	2%	199374.79	0.199	Blackstone	
3r	1st ben	84	81	17578.73	3	52736.20	0	0.00	2%	0.00	0.000	soil	**275820.04**

d Year	ch											
	2nd bench	81	75	16231.20	6	97387.21	2.89	281449.03	2%	275820.04	0.276	Blackstone	
4th Year	3rd bench	75	69	15168.30	6	91009.79	2.89	263018.30	2%	257757.93	0.258	Blackstone	**497652.50**
	4th bench	69	63	14117.09	6	84702.55	2.89	244790.37	2%	239894.57	0.240	Blackstone	
5th Year	5th bench	63	57.74	13081.62	5.26	68809.34	2.89	198858.99	2%	194881.81	0.195	Blackstone	**194881.81**
TOTAL								**2102752.70**		**2060697.65**			

3.2.3. Deliberations by the committee in previous meetings

N/A

3.2.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

Mandatory documents

a) Proper land documents along with land summary should be submitted.

b) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

c) Surface and ground water hydrology should be submitted.

d) Study report on fracture analysis with respect to groundwater flow.

e) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

f) Details of backfilling plan is to be indicated.

g) Dust mitigation plan for the project should be submitted.

h) Plan and location for storage of the over burden.

i) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

j) Impact of noise and transportation on the nearby habitation may be studied and submitted.

k) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, habitation, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

l) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

m) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

n) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

o) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

Spatial year wise progressive plantation programme to be submitted.

p) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

q) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

r) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.2.5. Recommendation of SEAC

Recommended

3.2.6. Details of Terms of Reference

3.2.6.1. Specific

Annexure - A	
1.	**Annexure - A** **Executive Summary** The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points: 1) Project name and location (Village, District, State, Industrial Estate (if applicable). 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC. 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative). 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes. 5) Measures for mitigating the impact on the environment and mode of discharge or disposal. 6) Capital cost of the project, estimated time of completion. 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of is acquisition, nearby (in 2-3 km.) water body, population, with in 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary). 8) Baseline environmental data - air quality, surface and ground water quality, soil

	characteristic, flora and fauna, socio-economic condition of the nearby population. 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk. 10) Likely impact of the project on air, water, land, flora-fauna and nearby population. 11) Emergency preparedness plan in case of natural or in plant emergencies. 12) Issues raised during public hearing (if applicable) and response given. 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure. 14) Occupational Health Measures. 15) Post project monitoring plan.
A. STANDARD TERMS OF REFERENCE	
1.	1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994. 2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given. 3. All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee. 4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone). 5. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics. 6. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority. 7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report. 8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided. 9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.

10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

11. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.

12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

13. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

14. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.

17. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.

18. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan along with budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

19. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL. HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features

such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

21. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectorial programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.

31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.

35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

37. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

44. Besides the above, the below mentioned general points are also to be followed:-

	a. Executive Summary of the EIA/EMP Report (enclosed as **Annexure – A**). b. All documents to be properly referenced with index and continuous page numbering. c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated. d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project. e. Where the documents provided are in a language other than English, an English translation should be provided. f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted. g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed. h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation. i. As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable. j. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
B. Additional conditions imposed by SEAC:	
1.	**Mandatory documents** 1) Proper land documents along with land summary should be submitted. 2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. 3) Surface and ground water hydrology should be submitted. 4) Study report on fracture analysis with respect to groundwater flow. 5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area. 6) Details of backfilling plan is to be indicated. 7) Dust mitigation plan for the project should be submitted. 8) Plan and location for storage of the over burden. 9) Break up of project cost. The land cost as per the current valuation and the royalty and bid

value. should be included in the project cost.

10) Impact of noise and transportation on the nearby habitation may be studied and submitted.

11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, habitation, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation program to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

13) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

14) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

15) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

16) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

17) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

18) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

While applying for environmental clearance, the PP shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission

of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	S.B. Construction and Company (Through Director-Sanjibur Rahaman)
Correspondence Address	Nabapally, P.O. & P.S. Rampurhat, District-Birbhum, West Bengal, PIN- 731224.
Authorised Signatory	Sanjibur Rahaman
Address of Authorised Signatory	S/O- Abdur Rahaman, Duria, Duria, Birbhum, West Bengal, pin code: 731238
Email	sbconstructionmine1@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House

3.3. Agenda Item No 3:

3.3.1. Details of the proposal

Preparation of Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. Connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal by **Public Works Department** located at **PURBA BARDHAMAN,WEST BENGAL**

Proposal For		Fresh ToR	
Proposal No	**File No**	**Submission Date**	**Activity** **Sub-Activity** **(Schedule Item)**
SIA/WB/INFRA1/556343/2025	2N-190/2025(E)	29/10/2025	Road New State Highway/express way (7(f))

3.3.2. Project Salient Features

- Salient features of the project proposed by Public Works Department (PWD) of Govt. of West Bengal is as stated below :

Name of Project	Preparation of DPR for the Construction of a Four Lane Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal.
Project location details	Starts from Saptagram Triveni Kalna Katwa (STKK) Road (SH 6) at 35.447 km Ends at 35.90 km of NH 12 (Old NH 34) near Gobindapur
Project Proponent	Govt. of West Bengal, P. W. (Roads) Directorate State Highway Planning Circle
Project Details	Flexible/Rigid Pavement Road Length: 11.85 km Proposed RoW: 36m (on bridge over River Bhagirathi) to 284m (to accommodate entry-exit ramps) Width of carriageway: Four lane Design speed: 80 m/h Total land requirement: 83.4 ha Total Forest area: 0 ha No. of Tunnels: Nil Bridges: 3 major bridges including one over River Bhagirathi (800m long) Total Capital Cost of Project including land acquisition: INR 1000 Crores (Approximate)
Districts Covered	· Purba Bardhaman, and · Nadia
Mouzas	**Purba Bardhaman** (Kalna Side): Barasat, Purba Sahapur, Hanspukur, Kuledah **Nadia** (Santipur Side): Harinadi Bhatsala, Charharipur, Chandkuri, Barhmasasan, Raghunathpur, Bakdevipur, Gabindapur
Nearest Railway stations	· Santipur Rail Station – 1.3 km (South) · Guptipara Rail Station – 2.9 km (East) · Ambika Kalna Rail Station – 2.8 km (West)
Important pilgrim/ tourist Spot	· Nabadwip · Mayapur · 108 Shiva temples

	· Ballal Dhipi · Battle ground of Plassey · Krishnanagar Rajbari · Birth place of Poet Krittibas at Fulia Ghurni
Salient Features of the Proposed Alignment	· The selected alignment originates from S.T.K.K road (SH 6) at 35.447 km under P.W. (Roads) Dte. · The alignment crosses Katwa-Bandel Rail line between the Mast no. 38/2 3 to 38/25 and 205 m towards right side to the existing Level Crossing (L C) gate no 8/A on ferry ghat road · It subsequently passes through private land, mango orchard, 5.5m wide Chowk Bazar Road under Burdwan Zilla Parishad and brick kiln. · At Santipur side after crossing Bhagirathi river it passes through 5.5 m wi de Kalna Ferry ghat road near Nrisinghapur under Nadia Highway Division, PW(R) and vast low land zone · Then it passes large private land having dense mango orchard and finally meets NH 34 at 35.90 km at Govindapur more crossing in Santipur. · Grade separated arrangement is proposed at both ends of the project co rridor i.e. at STKK road junction and NH-34 junction · Provision of toll plaza has been kept in between ROB and Bhagirathi Brid ge approach · The alignment mostly passes through Danga, Viti, Aush etc. Some private structures will be affected due to the construction of the gr eenfield highway.

3.3.3. Deliberations by the committee in previous meetings

N/A

3.3.4. Deliberations by the SEAC in current meetings

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

Mandatory documents

1. Drone survey report of the project should be submitted.

2. The PP should submit revised point less kml file for the project which should be uploaded in the portal.

3. Undertaking should be submitted regarding the project if it is passing through any ESZ or any other eco sensitive area.

4. Ground water hydrology and surface water hydrology should be submitted.

5. Report on impact of the project on habitation, aquatic life especially Gangetic dolphins etc. should be submitted. Similar study should be done on the nearby oxbow lake. Cost of mitigation

measures for flora and fauna.

6. Measurement of all the components proposed to be constructed including breakups of the built-up area of each proposed component.

7. Land use land cover (LULC) changes along-with grade changes, if any, in the Corridor of Impact shall be provided in a tabular format as shown below. PP may suitably expand /modify this format, if necessary:

Existing LULC class and grade (AMSL)	Proposed LULC class and grade (AMSL)	Area (ha/ acres)	Administrative details (name of mouza/ GP / ULB/ planning authority, etc.	Environmental impact (reference to the section/s and page nos. of the EIA report may be cited here)	Mitigation measures (reference to the sections of the EMP report may be cited here)

8. All relevant drawings (plans, sections, elevations including a Master Plan/ Key Plan) of all the proposed components mentioned in the project description (including additional amenities/ facilities, if any) shall be submitted. Drainage and plantation specifics to be highlighted.

9. Any proposed strategies/ measures on the edges of the ROW to prevent cattle/ other animals straying into the road may be particularly suggested.

10. Study of local fauna and their protection during both construction and operational phases shall be submitted.

11. Any local sites/ structures of historical /archaeological interest or lesser known heritages as well as sacred groves, if any, shall be indicated and protected during construction.

12. Tree felling along with all other necessary clearances / permission from the competent authority viz. IWAI, railway authority, NHAI, SWID, BL&LRO, Forest Dept. etc. should be submitted. Proposed plantation to be shown on the map.

13. It is to be mentioned that the banks near the bridge will be fortified using fly ash.

14. Road Lighting and related construction / electrification details of the road construction and bridge should be mentioned with a view to the birds' corridor, if any.

15. Report on R&R issues which will be implemented should be submitted.

Need based EMP

16. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental

awareness programs, R&D projects related to environment etc.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.3.5. Recommendation of SEAC

Recommended

3.3.6. Details of Terms of Reference

3.3.6.1. Specific

Annexure - A	
1.	**Annexure - A** **Executive Summary** The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points: 1) Project name and location (Village, District, State, Industrial Estate (if applicable). 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC. 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative). 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes. 5) Measures for mitigating the impact on the environment and mode of discharge or disposal. 6) Capital cost of the project, estimated time of completion. 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of is acquisition, nearby (in 2-3 km.) water body, population, with in 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary). 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population. 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk. 10) Likely impact of the project on air, water, land, flora-fauna and nearby population. 11) Emergency preparedness plan in case of natural or in plant emergencies.

	12) Issues raised during public hearing (if applicable) and response given. 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure. 14) Occupational Health Measures. 15) Post project monitoring plan.
A. STANDARD TERMS OF REFERENCE	
1.	1. Executive Summary – Annexure -A. 2. Examine and submit a brief description of the project, project name, nature, size, its importance to the region/state and the country. 3. In case the project involves diversion of forests land, guidelines under OM dated 20.03.2013 may be followed and necessary action taken accordingly. 4. Details of any litigation(s) pending against the project and/or any directions or orders passed by any court of law/any statutory authority against the project to be detailed out 5. Submit detailed alignment plan, with details such as nature of terrain (plain, rolling, hilly), land use pattern, habitation, cropping pattern, forest area, environmentally sensitive places, mangroves, notified industrial areas, sand dunes, sea, river, lake, details of villages, teshils, districts and states, latitude and longitude for important locations falling on the alignment by employing remote sensing techniques followed by ground truthing and also through secondary data sources 6. Describe various alternatives considered, procedures and criteria adopted for selection of the final alternative with reason. 7. Submit Land use map of the study area to a scale of 1: 25,000 based on recent satellite imagery delineating the crop lands (both single and double crop), agricultural plantations, fallow lands, waste lands, water bodies, built-up areas, forest area and other surface features such as railway tracks, ports, airports, roads, and major industries etc. and submit a detailed ground surveyed map on 1:2000 scale showing the existing features falling within the right of way namely trees, structures including archaeological & religious, monuments etc. if any 8. If the proposed route is passing through any hilly area, examine and submit the stability of slopes, if the proposed road is to pass through cutting or embankment / control of soil erosion from embankment. Landslide, rock fall protection measures to be indicated 9. If the proposed route involves tunnelling, the details of the tunnel and locations of tunnelling with geological structural fraction should be provided. In case the road passes through a flood plain of the river, the details of micro drainage, flood passages and information on high levels flood periodicity at least of last 50 years in the area should be examined. 10. The projects is located within 10km. of the sanctuary a map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon should be furnished at the stage of EC. 11. Study regarding the Animal bypasses / underpasses etc. across the habitation areas shall be carried out. Adequate cattle passes for the movement of agriculture material shall be provided at the stretches passing through habitation areas. 12. The information should be provided about the details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of

compensatory plantation. Explore the possibilities of relocating the existing trees. Animal and wild life crossings to be provided in areas inhabited by wild life.

13. Necessary green belt shall be provided on both sides of the highway with proper central verge and cost provision should be made for regular maintenance.

14. If the proposed route is passing through a city or town, with houses and human habitation on the either side of the road, the necessity for provision of bypasses/diversions/under passes shall be examined and submitted. The proposal should also indicate the location of wayside amenities, which should include petrol station/service centre, rest areas including public conveyance, etc. Noice reduction measures should also be indicated.

15. Submit details about measures taken for the pedestrian safety and construction of underpasses and foot-over bridges along with flyovers and interchanges. If any.

16. Assess whether there is a possibility that the proposed project will adversely affect road traffic in the surrounding areas (e.g. by causing increases in traffic congestion and traffic accidents). Specific care be also taken to ensure that by passes have a sufficient buffer to prevent unwanted obstructions defying the purpose of the bypass.

17. Examine and submit the details of use of fly ash in the road construction, if the project road is located within the 100 km from the Thermal Power Plant.

18. Examine and submit the details of sand quarry, borrow area and rehabilitation.

19. Explore the possibilities of utilizing the debris/ waste materials available in and around the project area.

20. Submit the details on compliance with respect to Research Track Notification of MoRTH.

21. Examine and submit the details of sand quarry and borrow area as per OM no.2-30/2012-IA-III dated 18.12.2012 on 'Rationalization of procedure for Environmental Clearance for Highway Projects involving borrow areas for soil and earth" as modified vide OM of even no. dated March 19, 2013.

22. Climate and meteorology (max and min temperature, relative humidity, rainfall, frequency of tropical cyclone and snow fall); the nearest IMD meteorological station from which climatological data have been obtained to be indicated.

23. The air quality monitoring should be carried out as per the new notification issued on 16th November, 2009.

24. Identify project activities during construction and operation phases, which will affect the noise levels and the potential for increased noise resulting from this project. Discuss the effect of noise levels on nearby habitation during the construction and operational phases of the proposed highway. Identify noise reduction measures and traffic management strategies to be deployed for reducing the negative impact if any. Prediction of noise levels should be done by using mathematical modelling at different representative locations.

25. Examine the impact during construction activities due to generation of fugitive dust from crusher units, air emissions from hot mix plants and vehicles used for transportation of materials and prediction of impact on ambient air quality using appropriate mathematical model, description of model, input requirement and reference of derivation, distribution of major pollutants and presentation in tabular form for easy interpretation shall be carried out.

26. Also examine and submit the details about the protection to existing habitations from dust, noise, odour etc. during construction stage. IRC guidelines to be followed for traffic safety while passing through the habitat.

27. If the proposed route involves cutting of earth, the details of area to be cut, depth of cut,

locations, soil type, volume and quantity of earth and other materials to be removed with location of disposal/ dump site along with necessary permission.

28. If the proposed route is passing through low lying areas, details of fill materials and initial and final levels after filling above MSL, should be examined and submit.

29. Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.

30. Examine and submit details of water quantity required and source of water including water requirement during the construction stage with supporting data and also categorization of ground water based on the CGWB classification.

31. Examine and submit the details of measures taken during constructions of bridges across river/canal/major or minor drains keeping in view the flooding of the rivers and the life span of the existing bridges. Provision of speed breakers, safety signals, service lanes and foot paths should be examined at appropriate locations throughout the proposed road to avoid the accidents.

32. If there will be any change in the drainage pattern after the proposed activity, details of changes shall be examined and submitted.

33. Rain water harvesting pit should be at least 3 - 5 m. above the highest ground water table. Provision shall be made for oil and grease removal from surface runoff.

34. If there is a possibility that the construction/widening of road will cause impact such as destruction of forest, poaching, reductions in wetland areas, if so, examine the impact and submit details.

35. Submit the details of road safety, signage, service roads, vehicular under passes, accident prone zone and the mitigation measures.

36. IRC guidelines shall be followed for widening &upgradation of road.

37. Submit details of social impact assessment due to the proposed construction of road.

38. Examine road design standards, safety equipment specifications and Management System training to ensure that design details take account of safety concerns and submit the traffic management plan.

39. Accident data and geographic distribution should be reviewed and analyzed to predict and identify trends – in case of expansion of the existing highway and provide Post accident emergency assistance and medical care to accident victims.

40. If the proposed project involves any land reclamation, details to be provided for which activity land to reclaim and the area of land to be reclaimed.

41. Details of the properties, houses, businesses religious and social places etc. activities likely to be effected by land acquisition and their financial loses annually.

42. Detailed R&R plan with data on the existing socio-economic status of the population in the study area and broad plan for resettlement of the displaced population, site for the resettlement colony, alternative livelihood concerns/employment and rehabilitation of the displaced people, civil and housing amenities being offered, etc and the schedule of the implementation of the project specific.

43. Submit details of Corporate Social Responsibility. Necessary provisions should be made in the budget.

44. Estimated cost of the project including environmental monitoring cost and funding agencies, whether governmental or on the basis of BOT etc and provide details of budget

	provisions (capital & recurring) for the project specific R&R Plan. 45. Submit environmental management and monitoring plan for all phases of the project viz. construction and operation. 46. Details of blasting if any, methodology/technique adopted, applicable regulations/permissions, timing of blasting, mitigation measures proposed keeping in view mating season of wild life. 47. In case of river/ creek crossing, details of the proposed bridges connecting on either banks, the design and traffic circulation at this junction with simulation studies. 48. Details to ensure free flow of water in case the alignment passes through water bodies/river/ streams etc. 49. In case of bye passes, the details of access control from the nearby habitation/habitation which may come up after the establishment of road. 50. Bridge design in eco sensitive area / mountains be examined keeping in view the rock classification hydrology etc. 51. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given. 52. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out. 53. In case of alignment passing through coastal zones a) HTL/LTL map prepared by authorized agencies superimposed with alignment and recommendation of Coastal Zone Management Authority b) Details of CRZ-I (I) areas, mangroves required to be removed for the project along with the compensatory afforestation, area and location with budget c) Details of road on stilt in CRZ-I areas, design details to ensure free tidal flow d) Details of Labour camps, machinery location, 54. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "http://moef.nic.in/Manual/Highways".
B. Additional conditions imposed by SEAC:	
1.	**Mandatory documents** 1) Drone survey report of the project should be submitted. 2) The PP should submit revised point less kml file for the project which should be uploaded in the portal. 3) Undertaking should be submitted regarding the project if it is passing through any ESZ or any other eco sensitive area. 4) Ground water hydrology and surface water hydrology should be submitted. 5) Report on impact of the project on habitation, aquatic life especially Gangetic dolphins etc. should be submitted. Similar study should be done on the nearby oxbow lake. Cost of mitigation measures for flora and fauna.

6) Measurement of all the components proposed to be constructed including breakups of the built-up area of each proposed component.

7) Land use land cover (LULC) changes along-with grade changes, if any, in the Corridor of Impact shall be provided in a tabular format as shown below. PP may suitably expand /modify this format, if necessary:

Existing LULC class and grade (AMSL)	Proposed LULC class and grade (AMSL)	Area (ha/ acres)	Administrative details (name of mouza/ GP / ULB/ planning authority, etc.	Environmental impact (reference to the section/s and page nos. of the EIA report may be cited here)	Mitigation measures (reference to the sections of the EMP report may be cited here)

8) All relevant drawings (plans, sections, elevations including a Master Plan/ Key Plan) of all the proposed components mentioned in the project description (including additional amenities/ facilities, if any) shall be submitted. Drainage and plantation specifics to be highlighted.

9) Any proposed strategies/ measures on the edges of the ROW to prevent cattle/ other animals straying into the road may be particularly suggested.

10) Study of local fauna and their protection during both construction and operational phases shall be submitted.

11) Any local sites/ structures of historical /archaeological interest or lesser known heritages as well as sacred groves, if any, shall be indicated and protected during construction.

12) Tree felling along with all other necessary clearances / permission from the competent authority viz. IWAI, railway authority, NHAI, SWID, BL&LRO, Forest Dept. etc. should be submitted. Proposed plantation to be shown on the map.

13) It is to be mentioned that the banks near the bridge will be fortified using fly ash.

14) Road Lighting and related construction / electrification details of the road construction and bridge should be mentioned with a view to the birds' corridor, if any.

15) Report on R&R issues which will be implemented should be submitted.

Need based EMP

16) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

While applying for environmental clearance, the PP shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation

must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Mr. Balagopala R., Superintending Engineer, Public Works Department
Correspondence Address	State Highway Planning Circle, P.W (Roads) Directorate, Bhabani Bhawan, Annex Building, 1st Floor, Alipore, Kolkata – 700 027.
Email	sepwdshplng@wb.gov.in
Telephone Number / Mobile Number	+91 94331 73243
Name of the Environmental Consultant	M/s. Bongs Prayukti International Pvt. Ltd.

3.4. Agenda Item No 4:

3.4.1. Details of the proposal

Bamunia Sand Mine by **SK ASRAFUL** located at **BIRBHUM,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha (New)	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/544575/2025	2N-179/2025(E)	30/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.4.2. Project Salient Features

- **The project is falling within the DSR potential zone code BH_NN_AJ_87_88.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – BIRBHUM is at a distance of 1.38 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Bamunia Sand Mine
Project proponent	Sk. Asraful
Location of the project	Mouza- Bamunia, P.S.- Nanoor, District – Birbhum, West Bengal.
Project Area	2.12 Hectare/5.25 Acres
Name of the river	Ajay
DSR potential zone code	BH_NN_AJ_87_88
Proposed area for green belt/plantation	0.70 Ha
No. of saplings proposed	1,750 (in total)
Amount for plantation	Rs. 3,50,000 (total in 5 years)
Total Project Cost	Rs. 1.96 Crore
Amount for need-based activities	Rs. 3,92,000 (This amount will be spent over a period of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate

1	2.12	1.47	2.50	53,000	36,750	100%
2	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
3	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
4	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
5	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
Total Reserves				**2,16,600.4**	**1,50,189.9**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. (73M/14)		
Point	**Latitude**	**Longitude**
A	23°34'8.92"N	87°50'19.68"E
B	23°34'0.11"N	87°50'29.68"E
C	23°33'58.76"N	87°50'28.18"E
D	23°34'2.74"N	87°50'23.56"E
E	23°34'5.72"N	87°50'21.23"E

F	23°34'8.03"N	87°50'18.30"E

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	Considerations	Need Based EMP Cost in Rs. (1st year)	Need Based EMP Cost in Rs. (2nd year)
1.	Conduct free health check-ups and distribute free prescribed medicine at Thupsara Muslim Para Primary School and in local villages according to their needs- Two times yearly.	1,10,000	-
2.	Conduct free health check-ups and distribute free prescribed medicine at Brahmakhanda Basapara High School and in local villages according to their needs- Two times yearly	-	1,20,000
3.	Install and maintain drinking water facilities at Thupsara Muslim Para Primary School	86,000	-
4.	Awareness programme regarding plastic use, Environmental pollution control	-	76,000
Total/Year in Rs.		**1,96,000**	**1,96,000**
Total in 2 years		**3,92,000**	

3.4.3. Deliberations by the committee in previous meetings

N/A

3.4.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.4.5. Recommendation of SEAC

Recommended

3.4.6. Details of Environment Conditions

3.4.6.1. Specific

	General Conditions:
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan. 7. No river bed mining shall be allowed beneath 3 meters of the river bed. 8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level. 9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority. 10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly. 11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level. 12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining) 13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining) 14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and

only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to

the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. 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.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by

mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The 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.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by

the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the

project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six monthly compliance report :-

1) **The validity of EC will be for 5 years.**

2) **Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.**

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided

along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Sk. Asraful
Address	Vill.- Natundangapara, P.O.- Thupsara, P.S.- Nanoor, Dist- Birbhum, West Bengal, Pin-731215.
Email	asrafulmine25@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House.

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records.*

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.5. Agenda Item No 5:

3.5.1. Details of the proposal

D Bhasapur Sand Mine by **MAIHAR DEVELOPERS** located at **PURBA BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission D ate**	**Activity Sub-Activity (Schedule Item)**

SIA/WB/MIN/555267/2025	2N-285/2023(E)	30/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.5.2. Project Salient Features

- **The project is falling within the DSR potential zone code PBBD_GL2_DA_03_04.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	D Bhasapur Sand Mine
Project proponent	Anil Kumar Singh
Location of the project	Mouza- D Bhasapur, P.S.- Galsi, District – Purba Bardhaman, State – West Bengal.
Project Area	3.52 Hectare/8.71 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_GL2_DA_03_04
Proposed area for green belt/plantation	1.16 Ha
No. of saplings proposed	2,900 (in total)
Amount for plantation	Rs. 5,80,000 (total in 5 years)
Total Project Cost	Rs. 5.13 Crore
Amount for need-based activities	Rs. 10,26,000 (This amount will be spent over a period of 2 years)

3.5.3. Deliberations by the committee in previous meetings

N/A

3.5.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, **the committee recommended that the PP should submit proper pointless kml file for the project, so that the project can be evaluated in the DSS**.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

3.5.5. Recommendation of SEAC

Deferred for ADS

3.6. Agenda Item No 6:

3.6.1. Details of the proposal

Jujuti Sand Mine by **Mona Hembram** located at **PURBA BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/546782/2025	2N-16/2025(E)	10/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.6.2. Project Salient Features

- **The project is falling within the DSR potential zone code PBBD_GL2_DA_06.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA WII.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Jujuti Sand Mine
Project proponent	Mona Hembram
Location of the project	Mouza- Jujuti, P.S.- Galsi, District – Purba Bardhaman, State – West Bengal.

Project Area	3.93 Ha/ 9.70 Acres
Name of the river	Damodar
DSR potential zone code	PBBD _GL2_DA_06
Proposed area for green belt/plantation	1.30 Ha
No. of saplings proposed	3,250 (in total)
Amount for plantation	Rs. 6,50,000 (total in 5 years)
Total Project Cost	Rs. 4.80 Crore
Amount for need-based activities	Rs. 9,60,000 (This amount will be spent over a period of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	3.93	3.23	2.88	1,13,184	93,024	100%
2	3.93	3.23	2.16	84,888	69,768	75%
3	3.93	3.23	2.16	84,888	69,768	75%
4	3.93	3.23	2.16	84,888	69,768	75%

5	3.93	3.23	2.16	84,888	69,768	75%
Total Reserves				**4,52,736**	**3,72,096**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. (73M/11)		
Point	**Latitude**	**Longitude**
A	23°15'01.80"N	87°44'37.57"E
B	23°15'06.69"N	87°44'49.76"E
C	23°15'02.82"N	87°44'50.91"E
D	23°14'59.26"N	87°44'38.43"E

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	**Considerations**	**Need Based EMP Cost in Rs. (1st year)**	**Need Based EMP Cost in Rs. (2nd year)**
1.	Conduct free health check-ups and distribute free prescribed medicine at Berugram Junior Girl's High School and in local villages according to their needs- Two times yearly	1,80,000	-
2.	Conduct free health check-ups and distribute free prescribed medicine at Metedanga Junior High	-	1,80,000

	School and in local villages according to their nee ds- Two times yearly		
3.	Providing toilet facility at Berugram Junior Girl's High School	1,00,000	-
4.	Install and maintain drinking water facilities at Me tedanga Junior High School	-	60,000
5.	Conduct awareness programme regarding plastic use, environment pollution	80,000	-
6.	Pond restoration	-	80,000
7.	Skill development programme training regarding Coding, Foreign language courses, Communicati on skills etc. to local village students	1,20,000	-
8.	Park Development including Playgrounds, Sports courts, water features and waste management sy stem	-	1,60,000
Total/Year in Rs.		**4,80,000**	**4,80,000**
Total in 2 years		**9,60,000**	

3.6.3. Deliberations by the committee in previous meetings

N/A

3.6.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition

that -

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto 19.04.2027.**

2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within **19.04.2027.** Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within **19.04.2027.** The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

8) Transportation plan should be provided in six monthly compliance report.

9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.6.5. Recommendation of SEAC

Recommended

3.6.6. Details of Environment Conditions

3.6.6.1. Specific

General Conditions:	
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan. 7. No river bed mining shall be allowed beneath 3 meters of the river bed. 8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level. 9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority. 10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly. 11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level. 12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining) 13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining) 14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on. 15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly

basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to

have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. 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.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and

jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The 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.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection)

Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. **Additional conditions imposed by SEAC –**

Following should be submitted along with the six monthly compliance report :-

1) The validity of the EC should be limited upto 19.04.2027.

2) Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within **19.04.2027.** Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within **19.04.2027.** The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Mona Hembram
Address	Amoi, Mihijam, Jamtara, Jharkhand, Pin-815354.
Email	hembrammona6924@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House.

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records*.

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.7. Agenda Item No 7:

3.7.1. Details of the proposal

Bamunia Sand Mine by **ankur biochem private limited** located at **BIRBHUM,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha (New)	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/509580/2025	2N-180/2025(E)	30/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.7.2. Project Salient Features

- **The project is falling within the DSR potential zone code BH_NN_AJ_87_88.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – BIRBHUM is at a distance of 1.81 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Bamunia Sand Mine
Project proponent	Ankur Biochem Pvt. Ltd. Director- Abhishek Sharma
Location of the project	Mouza- Bamunia, P.S.- Nanoor, District – Birbhum, State – West Bengal.
Project Area	2.20 Hectare/5.43 Acres
Name of the river	Ajay
DSR potential zone code	BH_NN_AJ_87_88
Proposed area for green belt/plantation	0.73 Ha
No. of saplings proposed	1,826 (in total)
Amount for plantation	Rs. 3,65,000 (total in 5 years)
Total Project Cost	Rs. 2.61 Crore
Amount for need-based activities	Rs. 5,22,000 (This amount will be spent over a period of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	**Total Area (Ha)**	**Production Area (HA)**	**Thickness (m)**	**Geological Reserve (cum)**	**Mineable Reserve (cum)**	**Replenishment Rate**
1	2.20	1.60	2.50	55,000	40,000	100%

2	2.20	1.60	1.92925	42,443.5	30,868	77.17%
3	2.20	1.60	1.92925	42,443.5	30,868	77.17%
4	2.20	1.60	1.92925	42,443.5	30,868	77.17%
5	2.20	1.60	1.92925	42,443.5	30,868	77.17%
Total Reserves				**2,24,774**	**1,63,472**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. (73M/14)		
Point	**Latitude**	**Longitude**
A	23°33'59.94"N	87°50'29.86"E
B	23°33'56.22"N	87°50'33.65"E
C	23°33'52.99"N	87°50'36.08"E
D	23°33'49.53"N	87°50'37.11"E
E	23°33'49.37"N	87°50'36.68"E
F	23°33'52.93"N	87°50'33.76"E

G	23°33'55.57"N	87°50'30.82"E
H	23°33'58.55"N	87°50'28.24"E

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	Considerations	Need Based EMP Cost in Rs. (1st year)	Need Based EMP Cost in Rs. (2nd year)
1.	Conduct health check-up and distribute free prescribed medicine at Bramhankhanda Basapara High School and in local villages according to their needs- Two times yearly.	1,00,000	-
2.	Conduct health check-up and distribute free prescribed medicine at Thupsara Muslimpara primary School and in local villages according to their needs- Two times yearly.	-	1,50,000
3.	Develop toilet facility at Bramhankhanda Basapara High School	1,10,000	-
4.	Develop toilet facility at Thupsara Muslimpara primary School	-	1,11,000
5.	Dustbin Installation	51,000	-
6.	Pond restoration	-	80,000
Total/Year in Rs.		**2,61,000**	**2,61,000**
Total in 2 years		**5,22,000**	

3.7.3. Deliberations by the committee in previous meetings

N/A

3.7.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –

1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto 24.02.2029.**

2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

8) Transportation plan should be provided in six monthly compliance report.

9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.7.5. Recommendation of SEAC

Recommended

3.7.6. Details of Environment Conditions

3.7.6.1. Specific

	General Conditions:
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan. 7. No river bed mining shall be allowed beneath 3 meters of the river bed. 8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level. 9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority. 10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity /

production levels shall be decreased accordingly.

11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.

12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)

13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

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49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

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and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

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53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

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55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

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59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

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61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of

opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under

the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six monthly compliance report :-

1) The validity of the EC should be limited upto 24.02.2029.

2) Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due

to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Ankur Biochem Pvt. Ltd. Director- Abhishek Sharma
Address	33, Masjid Bari Lane, Asansol, Dist- Paschim Bardhaman, West Bengal, Pin-713301.
Email	ankurboichemmine@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House.

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[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records*.

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied

	activities or rupees fifty (50)thousand, whichever is higher

3.8. Agenda Item No 8:

3.8.1. Details of the proposal

WB_PB_AJ_A1 Sand Mine by **WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LI MITED** located at **PASCHIM BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Dat e**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/547793/ 2025	2N-115/2024(E)	10/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river be d mining) (1(a))

3.8.2. Project Salient Features

- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.55 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	WB_PB_AJ_A1 Sand Mine
Project proponent	West Bengal Mineral Development and Trading C orporation Limited
Location of the project	Mouza – Putulia, J.L No: 13, Plot: 1109, P.S.- Bara bani, Block -Barabani, Dist – Paschim Bardhaman, West Bengal.
Project Area	21.35
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green belt/ plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	7075

Amount for plantation	Rs.5,00,000/-
Total Project Cost	Rs.9,96,60,298/-
Amount for need-based activities	Rs.19,93,206/-

3.8.3. Deliberations by the committee in previous meetings

N/A

3.8.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC observed that a part of the project is crossing the interstate boundary and falling within the state of Jharkhand. Therefore, the committee recommended that **the PP should submitted necessary clarification in this regard and a letter from the competent authority regarding the jurisdiction of the project**.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.8.5. Recommendation of SEAC

Deferred for ADS

3.9. Agenda Item No 9:

3.9.1. Details of the proposal

Chabukya Sand Mine by **PRASHANTA MONDAL** located at **Jhargram,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**

SIA/WB/MIN/545802/2025	2N-23/2025(E)	10/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.9.2. Project Salient Features

- **The project is falling within the DSR potential zone code JR_SK_SR_31.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Chabukya Sand Mine
Project proponent	Prashanta Mondal
Location of the project	Mouza- Chabukya, P.S.- Sankrail, District-Jhargram, State- West Bengal.
Project Area	4.45 Hectare/10.99 Acres
Name of the river	Subarnarekha
DSR potential zone code	PBBD_GL2_DA_03_04
Proposed area for green belt/plantation	1.47 Ha
No. of saplings proposed	3,676 (in total)
Amount for plantation	Rs. 7,35,000 (total in 5 years)
Total Project Cost	Rs. 5.84 Crore
Amount for need-based activities	Rs. 11,68,000 (This amount will be spent over a period of 2 years)

3.9.3. Deliberations by the committee in previous meetings

N/A

3.9.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the

approved District Survey Report (DSR) of Jhargram district.

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, **the committee recommended that the PP should submit the following :**

1. Proper pointless kml file for the project, so that the project can be evaluated in the DSS.
2. Details of land proposed for plantation.

The SEAC recommended that the above documents should be submitted in the PARIVESH portal for further consideration of the application.

3.9.5. Recommendation of SEAC

Deferred for ADS

3.10. Agenda Item No 10:

3.10.1. Details of the proposal

Putulia Sand Mine by **ANIL KUMAR SINGH** located at **PASCHIM BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/551187/2025	2N-178/2023(E)	17/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.10.2. Project Salient Features

- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.68 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Putulia Sand Mine
Project proponent	Maihar Developers Prop. Anil Kumar Singh
Location of the project	Mouza – Putulia, P.S.- Barabani, Block -Barabani, Dist – Paschim Bardhaman, West Bengal.

Project Area	3.55
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green be lt/plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	1900
Amount for plantation	Rs.2,00,000/-
Total Project Cost	Rs.1,25,88,747/-
Amount for need-based act ivities	Rs.2,51,775/-

3.10.3. Deliberations by the committee in previous meetings

N/A

3.10.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, **the SEAC observed that the PP has not submitted proper reply to the additional ToR conditions given by the committee. No specific commitment regarding plantation was uploaded by the PP**.

There is a mismatch regarding the species of the trees to be planted. It should be made uniform. Rented land should not be used for plantation. An undertaking and NOC from Panchayat should be provided.

Hence the committee recommended that the PP should submitted necessary clarification regarding the above.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.10.5. Recommendation of SEAC

Deferred for ADS

3.11. Agenda Item No 11:

3.11.1. Details of the proposal

Balia Sand Mine by **GREEGO DRIVE PRIVATE LIMITED** located at **Jhargram,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/553277/2025	2N-223-2023(E)	17/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.11.2. Project Salient Features

- **The project is falling within the DSR potential zone code JR_GB2_SR_16_18.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Balia Sand Mine
Project proponent	M/S Greego Drive Pvt. Ltd.
Location of the project	Mouza- Balia, P.S.- Beliaberah, District – Jhargram, State – West Bengal.
Project Area	4.52Ha/11.17 Acres
Name of the river	Subarnarekha
DSR potential zone code	JR_GB2_SR_16_18
Proposed area for green belt/plantation	1.49 Ha
No. of saplings proposed	3,726 (in total)
Amount for plantation	Rs. 7,45,200 (total in 5 years)
Total Project Cost	Rs. 5.65 Crore
Amount for need-based acti	Rs. 11,30,000 (This amount will be spent over a peri

vities	od of 2 years)

3.11.3. Deliberations by the committee in previous meetings

N/A

3.11.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, **the committee observed that the project location falls within RFA-JHARGRAM Division. Also instream mining is observed from the kml file.**
- Hence the SEAC recommended that the PP should submit the following :

1. Proper pointless kml file for the project, so that the project can be evaluated in the DSS.
2. Necessary clearance / permission from DFO.
3. The positional variation round the year of the project site vis a vis the river course with monthly satellite imagery of at least last twelve months in order to establish that the river course is not disturbed for the project activities.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

3.11.5. Recommendation of SEAC

Deferred for ADS

3.12. Agenda Item No 12:

3.12.1. Details of the proposal

Putulia Sand Mine by **AMARENDRA TIWARI** located at **PASCHIM BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/551219/2025	2N-177/2023(E)	18/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.12.2. Project Salient Features

- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.43 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Putulia Sand Mine
Project proponent	M/s. Saran Alcohol Pvt.Ltd. Prop. Amrendra Tiwari
Location of the project	Plot no: 1108(P), J.L. No. - 13, Mouza - Putulia, P.S. - Barabani, District - Paschim Bardhaman, West Bengal.
Project Area	3.79 ha
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green be lt/plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	1900
Amount for plantation	Rs.2,00,000/-
Total Project Cost	Rs.89,57,843/-
Amount for need-based act ivities	Rs.1,79,157/-

3.12.3. Deliberations by the committee in previous meetings

N/A

3.12.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by

the PP/Consultant, the **SEAC observed that the PP has not submitted proper reply to the additional ToR conditions given by the committee. No specific commitment regarding plantation was uploaded by the PP**.

There is a mismatch regarding the species of the trees to be planted. It should be made uniform. Rented land should not be used for plantation. An undertaking and NOC from Panchayat should be provided.

A combined transportation plan is required.

Hence the committee recommended that the PP should submitted necessary clarification regarding the above.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.12.5. Recommendation of SEAC

Deferred for ADS

3.13. Agenda Item No 13:

3.13.1. Details of the proposal

Selimabad Sand mine by **JITENDRA MISHRA** located at **PURBA BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/551390/2025	2N-257/2023(E)	20/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.13.2. Project Salient Features

- **The project is falling within the DSR potential zone code PBBD_JL_DA_18C.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA WII.**

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Selimabad Sand Mine
Project proponent	M/s. Maa Durga Coal Traders (Prop: Jitendra Kumar Mishra)
Location of the project	Mouza- Selimabad, P.S.- Jamalpur, District – Purba Bardhaman, State – West Bengal.
Total Area	2.18 Ha/5.39 Acres
Project Area	1.92 Ha/4.74 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_JL_DA_18C
Proposed area for green belt/ plantation	0.63 Ha
No. of saplings proposed	1,576 (in total)
Amount for plantation	Rs. 3,15,200 (total in 5 years)
Total Project Cost	Rs. 3.01 Crore
Amount for need-based activities	Rs. 6,02,000 (This amount will be spent over a period of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate

	Ha)					
1	1.92	1.52	2.94	56,448	44,688	100%
2	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
3	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
4	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
5	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
Total Reserves				**2,28,049.92**	**1,80,539.52**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. 73M/16		
Boundary Points	**Co-ordinates**	
	Latitude	**Longitude**
A	**23°05'03.81"N**	**87°59'26.76"E**
B	**23°05'04.11"N**	**87°59'31.39"E**
C	**23°05'03.25"N**	**87°59'32.70"E**

D	23°05'00.66"N	87°59'32.15"E
E	23°05'00.19"N	87°59'25.67"E

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	Considerations	CER Cost in Rs. (1st year)	CER Cost in Rs. (2nd year)
1	Conduct health check-up and distribute free prescribed medicine at Selimabad High School (H.S.) and in local villages according to their needs- Two times yearly	1,50,000	-
2	Conduct health check-up and distribute free prescribed medicine at Jamalpur High School (H.S.) and in local villages according to their needs- Two times yearly	-	1,50,000
3	Conduct awareness programme regarding plastic use, Environmental pollution control	71,000	-
4	Install and maintain drinking water facilities at Selimabad High School (H.S.)	-	71,000
5	Free computer training to local village student	80,000	-
6	Pond restoration	-	80,000
7	Conduct health check-up and distribute free prescribed medicine at Selimabad High School (H.S.) and in local villages according to their needs- Two times yearly	1,50,000	-

Total/Year in Rs.	**3,01,000**	**3,01,000**
Total in 2 years	**6,02,000**	

3.13.3. Deliberations by the committee in previous meetings

N/A

3.13.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be

certified by the respective BDO.

5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.13.5. Recommendation of SEAC

Recommended

3.13.6. Details of Environment Conditions

3.13.6.1. Specific

General Conditions:	
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining

area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.

7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.

9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.

10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.

11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.

12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)

13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this

regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x)

the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. 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.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The 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.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of

Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six-monthly compliance report :-

1) **The validity of EC will be for 5 years.**

2) **Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.**

3) **At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.**

4) Study report of zoo plankton and phyto plankton in the river should be submitted along

with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Jitendra Kumar Mishra (Authorised Signatory- Maa Durga Coal Traders)
Address	Memari, Maszid Para, Krishna Bazar, Purba Bardhaman, 713146.
Email	jitendramine02@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House

	[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley [2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002 [3] *the land that doesn't fall under the list of revenue records*. [4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.14. Agenda Item No 14:

3.14.1. Details of the proposal

Katna Sand Block 0117DR009 by **PRASENJIT MAJI** located at **BANKURA,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/549910/2025	2N-267/2023(E)	23/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.14.2. Project Salient Features

- **The project is falling within the DSR potential zone code BNK_DW_BSP_16.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – PANCHET is at a distance of 0.66 km.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Katna Sand Block 0117DR009
Project proponent	Prasenjit Maji (Project Proponent)
Location of the project	J. L. No. – 79, Plot No. 1047 (p), Mouza – Katna, Village – Katna, Police Station – Bishnupur, District – Bankura, West Bengal.
Project Area	2.49 Hectare
Name of the river	Dwarakeswar River

DSR potential zone code	BNK_DW_BSP_16
Proposed area for green bel t/plantation	0.8217 Hectare
No. of saplings proposed	2,054
Amount for plantation	Rs.2,05,400/-
Total Project Cost	Rs.9.93 Crore
Amount for need-based acti vities	Rs.19.87 Lakhs

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine :

Year	Total volume of the area (cum)	Replenishment rate (%)	Geological Resour ce (Cum)
1	74700	100	74700
2	74700	78.20	58415.40
3	74700	78.20	58415.40
4	74700	78.20	58415.40
5	74700	78.20	58415.40
Total Geological Resource			**308361.60**

Mineable Reserve and annual production of the sand mine

Year	Total volume i nside 7.5 m Be rm after maint aining 45° slop e (cum)	Replenishment Rate (%)	Mineable Res erve (cum)	Annual prod uction (cum)
1	58566	100	58566	58566

2	58566	78.20	45798.612	45798.612
3	58566	78.20	45798.612	45798.612
4	58566	78.20	45798.612	45798.612
5	58566	78.20	45798.612	45798.612
Total Mineable Reserve			**241760.448**	**241760.448**

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. 73 M/8		
Boundary Points	**Co-ordinates**	
	Latitude	**Longitude**
A	**N 23° 05' 25.05"**	**E 087° 21' 36.27"**
B	**N 23° 05' 25.56"**	**E 087° 21' 41.42"**
C	**N 23° 05' 20.09"**	**E 087° 21' 42.08"**
D	**N 23° 05' 19.75"**	**E 087° 21' 36.95"**

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	**Activities**	**Investment in (Lakhs)**						**Name of the beneficiaries**
		1st year	**2nd year**	**3rd year**	**4th year**	**5th year**	**Total**	

1.	Building a Room for Teacher	5.00	5.50				10.50	Dihar Primary School, Village – Dahira, Post – Lat-Beliara, Police Station – Bishnupur, District - Bankura, West Bengal.
2.	Plantation work (100 Plants)	0.52					0.52	
3.	Building 2 Toilets	4.00	4.85				8.85	

3.14.3. Deliberations by the committee in previous meetings

N/A

3.14.4. Deliberations by the SEAC in current meetings

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-

sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.14.5. Recommendation of SEAC

Recommended

3.14.6. Details of Environment Conditions

3.14.6.1. Specific

General Conditions:	
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly.

5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled.

6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.

7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.

9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.

10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.

11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.

12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)

13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

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exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. 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.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The 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.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six-monthly compliance report :-

1) **The validity of EC will be for 5 years.**

2) **Drinking water facility with adequate water filtration should be provided to the**

schools under need-based EMP.

3) **At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.**

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Prasenjit Maji (Project Proponent)
Address	Village – Khukurdaha, Post Office – Khukurdaha, Police Station – Daspur, District- Paschim Medinipur, West Bengal, Pin Code – 721641.
Email	prasenjit2020maji@gmail.com

Telephone Number / Mobile Number	9434223969
Name of the Environmental Consultant	M/s. Indian Mine Planners & Consultants (IMPCON)

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records*.

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.15. Agenda Item No 15:

3.15.1. Details of the proposal

PANCHAPANI BLACK STONE MINE by **reach Dredging limited** located at **Jhargram,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/555310/2025	2N-183/2025(E)	16/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.15.2. Project Salient Features

- **The project is falling within the DSR potential zone code JH_BS_ZONE_04.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA SOUTH is at a distance of 0.44 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Panchapani Black Stone Mine
Location of the project	Mouza – Panchapani, P.S. – Belpahari, Block- Binpur-Ii, District – Jhargram, West Bengal, J.L. No. - 04,

	Plot No. – 952, 953, 1048, 1049, 1051, 1052, 1054, 1055, 1057, 1062.
Project proponent Details	M/S. Reach Dredging Limited 9, 1, Ideal Centre, AJC Bose Road, Kolkata, West Bengal, 700017
Project Area	3.921 Ha. (9.69 Acres)
Name of the river	Tarafeni River
DSR potential zone code	JH_BS_ZONE_ 4
Proposed area for green belt/plantation	1.88
No. of saplings proposed	4700
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 186.80 Lakhs
Amount for need-based activities	Rs. 3.74 Lakhs

3.15.3. Deliberations by the committee in previous meetings

N/A

3.15.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1) Proper land documents in the name of the PP should be submitted.

2) As discussed in the meeting, the matured trees around the existing waterbody should be suitably transplanted in the safety zone or other earmarked plantation areas.

Need based EMP

3) Specific need-based activities for the proposed project clearly indicating the beneficiaries

involved. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.15.5. Recommendation of SEAC

Deferred for ADS

3.16. Agenda Item No 16:

3.16.1. Details of the proposal

Ramchandrapur Black Stone Mine by **MAA DURGA INFRA** located at **BANKURA,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/555020/2025	2N-182/2025(E)	13/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.16.2. Project Salient Features

- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 0.75 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Ramchandrapur Black Stone Mine
Location of the project	Mouza - Ramchandrapur, P.S. - Mejia District –Bankura, State - West Bengal J.L. No. - 65, Plot No. – 2901(P), 2901/3061
Project proponent Details	M/s. Maa Durga Infra Vill & P.O. - Barjora, (School Danga South), PS - Ba

	rjora, Dist – Bankura, West Bengal, Pin - 722202
Project Area	3.060 Ha. (7.58 Acres)
Name of the river	Damodar River
DSR potential zone code	BNK_BS_ZONE_ 1
Proposed area for green b elt/plantation	1.048
No. of saplings proposed	2620
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 268.60 Lakhs
Amount for need-based ac tivities	Rs. 5.38 Lakhs

3.16.3. Deliberations by the committee in previous meetings

N/A

3.16.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1) Complete land documents / RoR records in the name of PP should be submitted. Whole land should be converted and certificate from competent authority should be furnished for a forest-related land.

2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. Study of existing fauna, especially in the existing ecotone zones, to be submitted along with strategies for mitigating negative impacts on them.

3) Surface and ground water hydrology should be submitted.

4) Study report on fracture analysis with respect to groundwater flow.

5) Water table measurements in dug wells and tube wells including the total depth of the wells and

height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

6) Details of backfilling plan is to be indicated.

7) Dust mitigation plan for the project should be submitted.

8) Plan and location for storage of the over burden.

9) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

10) Impact of noise and transportation on the nearby habitation may be studied and submitted.

11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The plantation area as per the mine plan is around mine plan is around 23.98%. The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

13) The land break-up of the proposed greenbelt area should be provided in a tabular format as below and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supporting document)	Lease period (if applicable)

Need based EMP

14) Specific need-based activities for the proposed project clearly indicating the beneficiaries involved. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

15) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

16) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

17) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

18) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

19) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.16.5. Recommendation of SEAC

Deferred for ADS

3.17. Agenda Item No 17:

3.17.1. Details of the proposal

DEBOGRAM BLACK STONE PROJECT by **RE BUILDCON PRIVATE LIMITED** located at **BANKURA,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/554661/2025	2N-181/2025(E)	13/10/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.17.2. Project Salient Features

- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 1.57 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Debogram Black Stone Project
Location of the project	Mouza – Debogram, P.S. – Mejia District – Bankura, State - West Bengal J.L. No. - 66, Plot No. – 624(P)
Project proponent Details	M/S Re Buildcon Private Limited E-9/62, Street No. 2, Sartaj Nagar, Noorwala Road, Ludhiana, Punjab, 141008
Project Area	4.055 Ha. (10.02 Acres)
Name of the river	Damodar River
DSR potential zone code	BNK_BS_ZONE_ 1
Proposed area for green b elt/plantation	1.595
No. of saplings proposed	3990
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 276.10 Lakhs
Amount for need-based ac tivities	Rs. 5.52 Lakhs

3.17.3. Deliberations by the committee in previous meetings

N/A

3.17.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1) Complete land documents / RoR records in the name of PP should be submitted.

2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. Study of existing fauna, especially in the existing ecotone zones, to be submitted along with strategies for mitigating negative impacts on them.

3) Surface and ground water hydrology should be submitted.

4) Study report on fracture analysis with respect to groundwater flow.

5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

6) Details of backfilling plan is to be indicated.

7) Dust mitigation plan for the project should be submitted.

8) Plan and location for storage of the over burden.

9) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

10) Impact of noise and transportation on the nearby habitation may be studied and submitted.

11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The plantation area as per the mine plan is around 19.85%. The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

An inventory of existing trees should be submitted.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

13) The land break-up of the proposed greenbelt area should be provided in a tabular format as below and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supportin g document)	Lease peri od (if applica ble)

Need based EMP

14) Specific need-based activities for the proposed project clearly indicating the beneficiaries involved. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

15) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

16) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

17) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

18) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

19) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.17.5. Recommendation of SEAC

Deferred for ADS

3.18. Agenda Item No 18:

3.18.1. Details of the proposal

Expansion of Existing Structural Rolling Mill (1,05,600 TPA) by Installation of Steel Melting Shop (1,18,800 TPA) at Nasser Hussain Avenue, PO- Bidhannagar, PS –Coke Oven, Tehsil- Faridpur Durgapur, District – Paschim Bardhaman, West Bengal-713212 by M/s. SPS Steels Rolling Mills Limited by **SPS STEELS ROL**

LING MILLS LIMITED located at **PASCHIM BARDHAMAN,WEST BENGAL**			
Proposal For		Expansion EC	
Proposal No	**File No**	**Submission Date**	**Activity** **Sub-Activity** **(Schedule Item)**
SIA/WB/IND1/554972/2025	2N-63/2021(E)	13/10/2025	Metallurgical Industries (ferrous and non ferrous) Secondary metallurgical industry involving process of melting of non-toxic metals using Electricity / Gas Fuel (3(a))

3.18.2. Project Salient Features

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA. The nearest RFA – BURDWAN is at a distance of 1.14 km.**
- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below –

Project Name	Expansion of Existing Structural Rolling Mill (1,05,600 TPA) by Installation of Steel Melting Shop (1,18,800 TPA) by M/s. SPS Steels Rolling Mills Limited
Location	Plot No.: 10028(P), 1783(P), 1616(P), 1782(P), 10027, 1781(P), 1772(P), 1773(P), 1769(P), 1768(P), 1774(P), 1780(P), 1775(P), 1776(P), 1779(P), 1759(P),1741(P), 1742(P), 1743(P), 1744(P), 1745(P), 1746(P), 1748(P), 1749(P), 1750, 1751(P), 1752, 1753(P), 1754, 1755, 1756(P), 1757(P), 1758(P), 1759(P), 1772(P),Nasser Hussain Avenue, PO- Bidhannagar, PS –Coke Oven, Tehsil- Faridpur Durgapur, District – Paschim Bardhaman, West Bengal.
Land Area	Presently company has the Rolling mill unit on an area of 5.483 Acres land which has been taken by lease from Govt. of West Bengal. Now the SPS Steels Rolling Mills Limited has taken additional 3.40 Acre adjacent land from Infratex Commercial Pvt. Limited (formerly Oversure Stockist Pvt. Ltd.) in rent. So, the total land area of the proposed project is 8.883 acres (3.594Ha). The Chronology of the 3.4acre land is as below: I. This 3.4 Acre land is a part of total 6.0 Acre land which had been taken by M/s. Bengal Recyclers & Fabricators (P) Ltd. from Government of West Bengal through Lease Agreement. II. Then M/s. Oversure Stockist Private Limited had purchased the M/s. Bengal Recyclers & Fabricators (P) Ltd. III. After that, the name of the M/s. Oversure Stockist Private Limited had been changed to M/s. Infratex Commercial Private Limited.
Land use Break up	**Land Use** | **Land Area in Acre**

Purpose				
	Existing Area break up	**Proposed addition**	**Area break up after expansion**	**Percentage (After expansion)**
SMS and Slag Crushing Area	0	1.045	1.045	11.76%
Rolling Mill	1.984	0	1.984	22.33%
Parking Area	0	0.075	0.075	0.84%
Road and drain	1.249	0.541	1.79	20.15%
RWH Pond	0	0	0.137	1.54%
Green Belt	1.864	1.689	3.553	40.00%
Office & Store etc.	0.172	0	0.172	1.94%
Raw Material Yard	0	0.05	0.05	0.56%
Water Handling Area	0.077	0	0.077	0.87%
Other/ Open land Area	0.137	0	0	0%
Total Area in Acre	**5.483**	**3.4**	**8.883**	**100.00%**
Total Area in Hectare	**2.219**	**1.376**	**3.595**	

Green belt Plantation	In the present project of 5.483 Acre land, approx. 1.86 Acre (~ 34 %) has been dedicated for plantation where plantation work is going on. With the new land acquisition after expansion project, total green area will be extended to 3.55 Acre which is 40% of the total land. Total around 3575 nos. of plantati

<table>
<tr><td></td><td>on will be done.</td></tr>
<tr><td>Production Capacity</td><td>
<table>
<tr><td colspan="2">Existing Production Capacity</td></tr>
<tr><td>Name of the Product</td><td>Capacity</td></tr>
<tr><td>Production of INA/ISMB/ISMC through structural rolling mill</td><td>1,05,600 TPA (88,00 TPM)</td></tr>
<tr><td colspan="2">Proposed Production Capacity</td></tr>
<tr><td>MS Billets</td><td>1,18,800 TPA</td></tr>
<tr><td>Rolled Products (Hot charging)</td><td>1,05,600 TPA</td></tr>
</table>
</td></tr>
<tr><td>Major Installations</td><td>
<table>
<tr><td colspan="3">Existing</td></tr>
<tr><td>Name of the Installation</td><td>Configuration</td><td>Remarks</td></tr>
<tr><td>Reverberatory type Reheating Furnace</td><td>20T/Hr.</td><td rowspan="3">To be retained</td></tr>
<tr><td>Structured Rolling Mill</td><td>320 TPD</td></tr>
<tr><td>DG Set</td><td>1x125 kVA</td></tr>
<tr><td colspan="3">Proposed</td></tr>
<tr><td>Induction Furnace</td><td>2x 20 T</td><td rowspan="5">Proposed</td></tr>
<tr><td>LRF</td><td>1x 20 T</td></tr>
<tr><td>CCM</td><td>As per matching capacity</td></tr>
<tr><td>DG Set</td><td>1x750 kVA</td></tr>
<tr><td>Slag Crusher</td><td>20 TPH</td></tr>
</table>
</td></tr>
<tr><td>Estimated project cost</td><td>30 Crores.</td></tr>
<tr><td>Manpower</td><td>Total after expansion- 200</td></tr>
</table>

<table>
<tr><td>Land use</td><td>Industrial Land.</td></tr>
<tr><td>Power supply</td><td>The power requirement for proposed expansion project is 20 MW.

(Source- WBSEDCL)

D.G. Set: Existing: 1x125 KVA Proposed: of 1 x 750 KVA for emergency support.

It is proposed that PP will install 500 KW solar powers on the shed of the plant.</td></tr>
<tr><td>Fuel</td><td>HSD requirement for Existing DG Set (1x125 KVA) and proposed DG Set (1 x 750 KVA) will be 20 L/Hr and 120 L/Hr respectively (DG Sets will be used as backup power source)

CBM is used as fuel in the reheating furnace (Reheating furnace shall be kept as backup support for a ny need-based operation only). The quantity of CBM is 55 SCM/Ton of production.</td></tr>
<tr><td>Water demand and supply after expansion</td><td><table><tr><th>Category</th><th>Requirement (KLD)</th></tr><tr><td>Total Water</td><td>416</td></tr><tr><td>Fresh Water</td><td>390</td></tr><tr><td>Recycled/reused Water</td><td>26</td></tr></table>
(Primary Source: Durgapur Projects Limited ; Secondary Source: Essar Oil and Gas Exploration and Production Limited)</td></tr>
</table>

3.18.3. Deliberations by the committee in previous meetings

N/A

3.18.4. Deliberations by the SEAC in current meetings

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC recommended that the PP should submitted the following :

Mandatory Documents

1) Certified compliance report dated 13.05.2025 for the project according to the provisions of MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.

2) Approval of plan and permission to construct building/s under the Factories Act, 1948 from the Directorate of Factories need to be obtained as per rules.

3) Fire Safety Certificate from the competent authority (Fire and Emergency Services) to be obtained.

4) Risk assessment and Disaster Management Plan to be submitted, indicating the emergency assembly areas.

5) Plan for hot charging of billets should be submitted.

Water & waste water

6) Use of fresh water should be minimised for watering the plantation. Stored water and treated waste water may be used for the purpose.

7) Rain water harvest tank capacity may be revised based on the fact that the filter efficiency may be omitted since there is no recharge.

8) A fountain may be proposed at the RWH tank. This tank shall be kept natural with suitable embankment slope planted with appropriate species. A plan may be submitted in this regard.

Need based EMP

9) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Greenbelt

10) Since the unit is located in a severely polluted area, at least 40% of the project should be considered for tree plantation. The PP has to develop a tree plantation plan in this regard @2500 trees/ ha. Location-wise tree species should also be mentioned. North direction to be indicated on the plan.

11) The list of trees given in the plantation plan should be modified. Trees with high Air Pollution Tolerance Index (APTI) having large foliage and broad leaves should be planted.

Traffic management

12) A traffic study should be conducted and impact of transportation on the connecting and internal roads may be studied to see if the level of service of the roads is not deteriorated.

Air quality

13) Leakage detection and mechanised cleaning facility of APCD should be provided.

14) All stacks should be of 30m height.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.18.5. Recommendation of SEAC

Deferred for ADS

3.19. Agenda Item No 19:

3.19.1. Details of the proposal

Proposed Synthetic Resin Production Unit (UF, PF, & MUF Resin) by M/s. MOHATA CHEMICALS by **MOTI LAL MOHATA** located at **COOCHBEHAR,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/IND3/555752/2025	2N-194/2024(E)	22/10/2025	Synthetic organic chemicals industry Basic organic chemicals (located outside notified industrial area) (5(f))

3.19.2. Project Salient Features

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – COOCHBEHAR is at a distance of 4.84 KM.**
- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below –

Name of the Project	Proposed Synthetic Resin Production Unit (UF, PF & MUF Resin) by M/s. MOHATA CHEMICALS
Location of the project	Plot No. 799, JL no. -116, Khatian No. 1483, Village: Nendarpar, Sitalkuchi Road, Block: Mathabhanga- 1, District: Cooch-Behar, West Bengal, PIN:736146.
Production Capacity	UF Resin- 990 TPA/82.5 TPM PF Resin- 990 TPA/ 82.5 TPM MUF resin- 1320 TPA/ 110 TPM
Machinery Details	

S.N.	Particulars	Capacity	Quantity
1	Boiler	0.5 Ton	1
2	Cooling Tower	1 Ton	1
3	DG Set	100 kVA	1
4	Resin Kettle	5 Ton	2

<table>
<tr><td>Estimated project cost for t he expansion</td><td>Rs.46.50 Lakhs</td></tr>
<tr><td>Land Area</td><td>0.22 Acres (890.23 sqm.)</td></tr>
<tr><td>Green area</td><td>294 sq.m (33.02%)</td></tr>
<tr><td>Power requirement & Sourc e</td><td><table>
<tr><th>Power Requi rement</th><th>Demand</th><th>Source</th></tr>
<tr><td>Electricity</td><td>45 kVA</td><td>WBSEDCL</td></tr>
<tr><td>Back up</td><td>1X100 kVA</td><td>D.G Set</td></tr>
</table></td></tr>
<tr><td>Fresh Water

Demand & Supply</td><td>Total Water Requirement (KLD)= 5.52 KLD
Total Fresh Water Requirement (KLD)= 4.12 KLD
Total Wastewater Generated (KLD)= 1.6 KLD
Total Wastewater Recycled (KLD)=1.4 KLD
Source: Bore Well</td></tr>
<tr><td>Current Status of the land</td><td>The land has been converted into ‘Industrial Land’. In the site, th ere are 10 nos. of existing trees and there is a concrete slab in t he site from long back. Major installations will be installed on th is concrete slab.</td></tr>
<tr><td>Man Power</td><td>7 persons</td></tr>
<tr><td>Fuel to be Used</td><td><table>
<tr><td>Sl. No.</td><td>Fuel Type</td><td>Fuel us ed for</td><td>Quantit y</td><td>Source</td><td>Mode of Tr ansport</td></tr>
<tr><td>1</td><td>Ply sc rap</td><td>Boiler (0.5 T)</td><td>100 Kg/ Hr</td><td>Nearby pl ywood in dustry</td><td>Road/Truck</td></tr>
<tr><td>2</td><td>HSD</td><td>DG Se t (100 kVA)</td><td>8 L/hr</td><td>Local Dies el supplier</td><td>Road/Truck</td></tr>
</table></td></tr>
</table>

3.19.3. Deliberations by the committee in previous meetings

N/A

3.19.4. Deliberations by the SEAC in current meetings

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC recommended that the PP should submitted the following :

Mandatory Documents

1) Approval of plan and permission to construct building/s under the Factories Act, 1948 from the Directorate of Factories need to be obtained as per rules.

2) Fire Safety Certificate from the competent authority (Fire and Emergency Services) to be obtained.

3) Risk assessment and Disaster Management Plan to be submitted, indicating the emergency assembly areas.

4) Distance of the project from international boundary should be submitted.

Water & waste water

5) Use of fresh water should be minimised for watering the plantation. Stored water and treated waste water may be used for the purpose.

6) The list of trees given in the plantation plan should be modified. Trees with large foliage and broad leaves should be planted.

Traffic management

7) A traffic study should be conducted and impact of transportation on the connecting and internal roads may be studied to see if the level of service of the roads is not deteriorated.

Air quality

8) APC system for resin kettles should be submitted.

9) All stacks should be of 30m height.

Need based EMP

10) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

11) Source of boiler feed water and justification of a cooling tower should be provided. The location of cooling tower, if at all required, should be marked on the plan.

12) Temperature of cooling water inlet temperature to the reactor (kettle) to be mentioned.

13) Details of ETP should be submitted.

14) Since the existing structure will be dismantled, a demolition plan and solid C&D waste management plan should be provided.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.19.5. Recommendation of SEAC

Deferred for ADS

3.20. Agenda Item No 20:

3.20.1. Details of the proposal

MOIRA UG COAL MINE (0.75 MTPA/ 455.69 Ha) by **EASTERN COALFIELDS LTD** located at **PASCHIM BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh ToR	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/CMIN/541674/2025	2N-98/2025(E)	01/08/2025	Mining of minerals Coal Mining - Opencast cum Underground (1(a))

3.20.2. Project Salient Features

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 3.76 km.**
- Salient features of the proposed project as submitted by the PP is as follows :

Name of the project & Address	Project Name: MOIRA COAL MINE Address: Andal Block; Durgapur Subdivision; Paschim Bardhhaman District, West Bengal.
Mine Lease Area	455.69 Ha
Production Capacity	Coal Rated Production Capacity – 0.75 MTPA
Life of Mine	25 Years
Method of Mining	Opencast, High wall & Underground
Reserves	**Net Geological Reserve:** 94.62 MTPA **Minable Reserve:** 18.60 MTPA **Extractable Reserve:** 15.25 MTPA
Sl. No. in the schedule	1(a) Mining of minerals: Coal Mining - Opencast cum Underground
Registered Address	**Project proponent:** Eastern Coalfields Limited (ECL), Sanctoria, Post: Dishergarh, Dist.: Paschim Bardhhaman, W.B., PIN - 713 333

Greenbelt & Plantation Area	18.00 Ha (Post Closure)
No. of trees proposed	45,000
Mouza	Dakshin khanda (JL No.-36), Madhusudanpur (JL No.-34), Khandra (JL No. 32), Mahira (JL No. 35), Aamloukha (JL No. 51)
P.O.	Dakshin Khanda
Pin Code	713123
Gram Panchayat	Dakshin Khanda, Andal & Kajora
P.S. & Block	Andal
District	Paschim Bardhhaman
State	West Bengal
Topo Sheet No.	73M/2 **OSM:** F45D2
Latitude Longitude	Latitude: 23°38' to 23°38' N Longitude: 87°13' E to 87°13' E
Nearest City	Durgapur (23 KM)
Nearest National Highway / State Highway	NH-19 (5 KM)
Nearest Railway station	Ukhra Railway Station (3 KM)
Nearest Airport	Andal Airport (15 KM)
National Parks, Wildlife Sanctuaries, Biosphere Reserves, Reserve forest and Protected forest	Ramnabagan Wildlife Sanctuary (16.37 KM)
Water Body	Damodar River (7.0 KM)

<table>
<tr><td>Defense installations (within 10 km radius)</td><td>None</td></tr>
<tr><td>Seismic Zone</td><td>Seismic Zone (IV)</td></tr>
<tr><td>Total project cost</td><td>500.00 Cr.</td></tr>
<tr><td>Cost of production</td><td>To be incorporated in Final EIA/EMP Report</td></tr>
<tr><td>Manpower Requirement</td><td>455</td></tr>
<tr><td>Source</td><td>Local Villages</td></tr>
<tr><td>Power Requirement (MW)</td><td>7.45 MW</td></tr>
<tr><td>Source</td><td>WBSEDCL</td></tr>
<tr><td>Fresh Water Requirement (KLD)</td><td>84 KLD</td></tr>
<tr><td>Source</td><td>Mine Water</td></tr>
<tr><td>Land Use Pattern</td><td>
<table>
<tr><th>LAND TYPE</th><th colspan="2">LAND USE IN “ Ha”</th></tr>
<tr><td rowspan="4">TENANCY</td><td>Agriculture</td><td>320.43</td></tr>
<tr><td>Township/Habitats</td><td>67.00</td></tr>
<tr><td>Barren (Danga Land)</td><td>43.97</td></tr>
<tr><td>Water Bodies</td><td>20.92</td></tr>
<tr><td rowspan="3">GOVT.NON-FOREST</td><td>Water Bodies</td><td>1.08</td></tr>
<tr><td>Road</td><td>2.26</td></tr>
<tr><td>Others</td><td>0.03</td></tr>
<tr><td colspan="2">Total</td><td>455.69</td></tr>
</table>
</td></tr>
<tr><td>Approvals for Moira Coal Mine</td><td>Mine Plan Approved on 26.05.2025</td></tr>
</table>

3.20.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :13/08/2025

Deliberations of SEAC 1 :

- The SEAC scrutinized the documents submitted by the PP in the 81st meeting SEAC, WB (2023-2026) held on 13.08.2025. Based on the submission and presentation made by the PP, the SEAC made the following observations :

1. The LoA by M/s. Eastern Coalfields Limited has been granted to M/s. Minsol Limited. However, the PP submitted that the mine operator is M/s. Minsol Moira Pvt. Ltd. The PP should submit reasons for the above.

2. Contract Agreement for the project should be submitted.

3. Earlier EC was granted for a mine lease area of 455 ha only for UG. Now, the present proposal submitted as expansion is for 455.69 Ha of production capacity of 0.75 MTPA. The PP should submit documents regarding the area applied for which may include the earlier lease hold area or an expansion comprising of both areas. Hence, the PP is requested to submit the project area super imposed on a mouza map clearly showing the expansion as well as the earlier lease hold area for which EC was granted and important surface features excluded from the project activities inside the lease hold area. Exact area for working out the mining operation may please be mentioned.

4. The PP shall inform MoEF&CC regarding the change in mine lease area from 455 ha to 455.69 ha with respect to the Environmental Clearance received from MoEF&CC and submit acceptance report from MoEF&CC.

5. Status of acquisition of parcels of land, PP is going to purchase to facilitate working in East and West blocks including the details of land, its classification, conversion and mutation.

6. Land Use Map (1:50000) based on recent satellite imagery of the study area with explanatory notes on land use, since the land is predominantly agriculture land.

7. Description of the study in details showing the procedures of finalization of location of UG entry along with a brief environmental analysis and comments on the alternative suggestions, if at all done.

8. Impact of finalization of the route / UG entry on the existing habitation and infrastructure.

9. How much geological reserves reported in the area----Mineable and extractable?

10. Impact of UG mining on the environment including UG mining air quality needs to be studied by a reputed Govt. Institute, viz ISM Dhanbad, IIT Kharagpur and may be submitted

11. Has PP established an in house laboratory for measurement of environmental parameters w.r.t air quality and water and should be established asap, if not done by now.

12. Detailed plan in tabular format to carry out concurrent afforestation and greenbelt development in and around the mine lease area , by using native spp

13. PP shall submit detailed activities proposed with year wise budgetary provisions (Capital and Recurring) as per OM dated 30.09.2020 of MOEFCC and address concerns raised in public consultation and public hearing.

14. Since Andal-Ukhra road passes through the mine lease area, necessary permission from the competent authority should be sought for UG operations as per regulation 119 of Coal Mine Regulations 2017 and may be included in EIA report.

15. The PP shall submit permission from MoEF&CC granting delineation of Moira coal patch from Cluster 10 coal mining project.

16. The PP shall submit pre-mining, post-mining and post-back filled cross sections of the

proposed mining.

17. Information in respect of Type, Leasehold Area, Proposed capacity and life about the proposed mines may please be submitted.

18. The PP should submit plan for utilization of mine water within the project site for both OCP and UG patches. Excess treated water, if discharged, should be done mentioning the quantum to be discharged and ensuring compliance to prescribed norms which may be discussed in details. **The quality of existing mine water should be tested and report be submitted.**

19. A detailed report on hydrogeology to be submitted based on (i) Groundwater level of different aquifers with respect to ground level and mean sea level along with details of all monitoring wells, (ii) Depth to water level and water level elevation contour maps of different aquifers along with flow directions, (iii) future impact of mining on different aquifer systems and the nala, (iv) groundwater quality including bacteriological quality, and (v) management plan of the pumped groundwater.

20. Construction of piezometers in different aquifer systems with automatic water level recorders connected to an electronic display board.

21. Utilsation details of waste rock and excavated soil due to shaft sinking and use of side discharge loader for drivage of advance galleries while carrying out UG mining, may be mentioned in details in EIA report.

22. Names and numbers of revenue villages fall within ML area and if relocation and rehabilitation are required.

23. PP shall install two CONTINUOUS AIR QUALITY MONITORING STATIONS in upwind and downwind directions at suitable place, preferably near villages in consultation with WBPCB. Data so generated should be uploaded in Company's website and linked with website of WPCB and CPCB. Data should be displayed at entry and exit gate of the ML area.

24. Details of reclamation plan showing how much area will be biologically reclaimed at closure.

25. Measures, PP to undertake to reduce the degree of illumination and sound at night which cause disturbance to the village population nearby.

26. Recommendations of subsidence studies to be followed and regular monitoring of subsidence movement of the surface over and above the working area, its impact on natural drainage, vegetation, habitation, roads and other infrastructure should be carried out and mitigation measures to be undertaken.

27. Off site and onsite EMERGENCY PREPAREDNESS RESPONSE plan to be prepared after risk analysis.

28. Possible impact of mining operation on the local flora and local fauna to be studied by deploying an institute of repute having expertise in relevant discipline.

29. Explore possibility of using renewable energy and accordingly a plan in this regard may be submitted.

30. Revised tree list should be submitted as discussed in the meeting. Plantation Plan for at least 33% of the entire lease area should be submitted.

31. An indicative plan for the need-based activities should be provided with budget allocation.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.20.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the SEAC **recommended that the Terms of Reference for EIA study** of the proposed project along with Public Hearing may be issued. EIA/EMP should be prepared as per the standard ToRs, additional ToRs and after incorporating all the issues raised during Public Hearing / Public Consultation should be submitted to the SEAC for further consideration of the proposal for environmental clearance.

  The SEAC also recommended that the **Terms of Reference for EIA study of the proposed project** may be issued with the following conditions:

  Mandatory documents

  Need based EMP

  While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. **All the documents should be duly signed by the project proponent and the environmental consultant.**

3.20.5. Recommendation of SEAC

Recommended

3.20.6. Details of Terms of Reference

3.20.6.1. Specific

Annexure - A	
1.	**Annexure - A** **Executive Summary** The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points: 1) Project name and location (Village, District, State, Industrial Estate (if applicable). 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.

	3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative). 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes. 5) Measures for mitigating the impact on the environment and mode of discharge or disposal. 6) Capital cost of the project, estimated time of completion. 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of is acquisition, nearby (in 2-3 km.) water body, population, with in 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary). 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population. 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk. 10) Likely impact of the project on air, water, land, flora-fauna and nearby population. 11) Emergency preparedness plan in case of natural or in plant emergencies. 12) Issues raised during public hearing (if applicable) and response given. 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure. 14) Occupational Health Measures. 15) Post project monitoring plan.
A. STANDARD TOR FOR AN OPENCAST COAL MINING PROJECT	
1.	1. An EIA-EMP Report shall be prepared for the rated capacity in an ML/project area of 455.69 Ha based on the generic structure specified in Appendix III of the EIA Notification, 2006. 2. An EIA-EMP Report would be prepared for the rated capacity to cover the impacts and management plan for the project specific activities on the environment of the region, and the environmental quality encompassing air, water, land, biotic community, etc. through collection of data and information, generation of data on impacts including prediction modelling for coal production based on approved project/Mining Plan for 0.75 MTPA. Baseline data collection can be for any season except monsoon. 3. A map specifying locations of the State, District and Project location should be provided. 4. A Study area map of the core zone and 10 km area of the buffer zone (1: 50,000 scale) clearly delineating the major topographical features such as the land use, surface drainage pattern including rivers/streams/nullahs/canals, locations of human habitations, major constructions including railways, roads, pipelines, major industries/mines and other polluting sources. In case of ecologically sensitive areas such as Biosphere Reserves/National Parks/WL Sanctuaries/ Elephant Reserves, forests (Reserved/Protected), migratory corridors of fauna, and areas where endangered fauna and plants of medicinal and economic importance found in the 15 km study area should be given. 5. Land use map (1: 50,000 scale) based on a recent satellite imagery of the study area may also be provided with explanatory note on the land use 6. Map showing the core zone delineating the agricultural land (irrigated and un-irrigated, uncultivable land as defined in the revenue records, forest areas (as per records), along with other physical features such as water bodies, etc should be furnished.

7. A contour map showing the area drainage of the core zone and 25 km of the study area (where the water courses of the core zone ultimately join the major rivers/streams outside the lease/project area) should also be clearly indicated in the separate map.

8. A detailed Site plan of the mine showing the proposed break-up of the land for mining operations such as the quarry area, OB dumps, green belt, safety zone, buildings, infrastructure, CHP, ETP, Stockyard, township/colony (within and adjacent to the ML), undisturbed area -if any, and landscape features such as existing roads, drains/natural water bodies to be left undisturbed along with any natural drainage adjoining the lease /project areas, and modification of thereof in terms of construction of embankments/bunds, proposed diversion/re-channelling of the water courses, etc., approach roads, major haul roads, etc should be indicated.

9. In case of any proposed diversion of nallah/canal/river, the proposed route of diversion /modification of drainage and their realignment, construction of embankment etc. should also be shown on the map as per the approval of Irrigation and flood control Department of the concerned state.

10. Similarly, if the project involves diversion of any road/railway line passing through the ML/project area, the proposed route of diversion and its realignment should be shown in the map.

11. Break up of lease/project area as per different land uses and their stage of acquisition should be provided.

LANDUSE DETAILS FOR OPENCAST PROJECT should be given as per the following table:

S.N.	LANDUSE	Within ML Area (ha)	Outside ML Area (ha)	TOTAL
1)	Agricultural land			
2)	Forest land			
3)	Wasteland			
4)	Grazing land			
5)	Surface water bodies			
6)	Settlements			
7)	Others (specify)			
	TOTAL			

12. Break-up of lease/project area as per mining operations should be provided.

13. Impact of changes in the land use due to the project, if much of the land being acquired is predominantly agricultural land/forestland/grazing land.

14. One-season (non-monsoon) primary baseline data on environmental quality - air (PM10, PM2.5, SOx, NOx and heavy metals such as Hg, Pb, Cr, As, etc), noise, water (surface and groundwater), soil - along with one-season met data coinciding with the same season for AAQ collection period should be provided.

15. Map of the study area (1: 50, 000 scale) (core and buffer zone clearly delineating the location of various sampling stations superimposed with location of habitats, other industries/mines, polluting sources should be provided. The number and location of the stations in both core and buffer zones should be selected on the basis of size of lease/project area, the proposed impacts in the downwind (air)/downstream (surface water)/groundwater regime (based on flow). One station should be in the upwind/upstream/non-impact/non-polluting area as a control station. The monitoring should be as per CPCB guidelines and parameters for water testing for both ground water and surface water as per ISI standards and CPCB classification wherever applicable. Values should be provided based on desirable limits.

16. Study on the existing flora and fauna in the study area (10km) should be carried out by an institution of relevant discipline. The list of flora and fauna duly authenticated separately for the core and study area and a statement clearly specifying whether the study area forms a part of the migratory corridor of any endangered fauna should be given. If the study area has endangered flora and fauna, or if the area is occasionally visited or used as a habitat by Schedule-I fauna, or if the project falls within 15 km of an ecologically sensitive area, or used as a migratory corridor then a Comprehensive Conservation Plan should be prepared and submitted with EIA-EMP Report; and comments from the CWLW of the State Govt. should also be obtained and furnished.

17. Details of mineral reserves, geological status of the study area and the seams to be worked, ultimate working depth and progressive stage-wise working scheme until the end of mine life should be provided on the basis of the approved rated capacity and calendar plans of production from the approved Mining Plan. Geological maps and sections should be included. The Progressive mine development and Conceptual Final Mine Closure Plan should also be shown in figures.

18. Details of mining methods, technology, equipment to be used, etc., rationale for selection of specified technology and equipment proposed to be used vis-à-vis the potential impacts should be provided.

19. Impact of mining on hydrology, modification of natural drainage, diversion and channelling of the existing rivers/water courses flowing though the ML and adjoining the lease/project and the impact on the existing users and impacts of mining operations thereon.

20. Detailed water balance should be provided. The break-up of water requirement for the various mine operations should be given separately.

21. Source of water for use in mine, sanction of the competent authority in the State Govt. and impacts vis-à-vis the competing users should be given.

22. Impact of mining and water abstraction use in mine on the hydrogeology and groundwater regime within the core zone and 10 km buffer zone including long-term monitoring measures should be provided. Details of rainwater harvesting and measures for recharge of groundwater

should be reflected in case there is a declining trend of groundwater availability and/or if the area falls within dark/grey zone.

23. Impact of blasting, noise and vibrations should be given.

24. Impacts of mining on the AAQ and predictions based on modelling using the ISCST-3 (Revised) or latest model should be provided.

25. Impacts of mineral transportation within the mining area and outside the lease/project along with flow-chart indicating the specific areas generating fugitive emissions should be provided. Impacts of transportation, handling, transfer of mineral and waste on air quality, generation of effluents from workshop, management plan for maintenance of HEMM, machinery, equipment should be given. Details of various facilities such as rest areas and canteen for workers and effluents/pollution load emanating. from these activities should also be provided.

26. Effort be made to reduce/eliminate road transport of coal inside and outside mine and for mechanized loading of coal through CHP/ Silo entirely wagons and into trucks/tippers.

27. Details of waste OB and topsoil generated as per the approved calendar programme, and their management shown in figures as well explanatory notes tables giving progressive development and mine closure plan, green belt development, backfilling programme and conceptual post mining land use should be given. OB dump heights and terracing based on slope stability studies with a max of 28o angle as the ultimate slope should be given. Sections of final dumps (both longitudinal and cross section) with relation to the adjacent area should be shown.

28. Efforts be made for maximising progressive internal dumping of O.B., sequential mining, external dump on coal bearing area and later rehandling into the mine void.--to reduce land degradation.

29. Impact of change in land use from mining operations and whether the land can be restored to agriculture use post mining.

30. Progressive Green belt and ecological restoration /afforestation plan (both in text, figures and in the tabular form as per the format of MOEF&CC given below) and selection of species (native) based on original survey/land use should be given.

Table 1: Stage-wise Land use and Reclamation Area (ha)

Sl. No.	Land use Category	Present (1st year)	5th Year	10th Year	20th Year	24th year (end of Mine life)*
1	Backfilled Area (Reclaimed with plantation)					
2	Excavated Area (not					

	reclaimed)/void					
3	External OB dump Reclaimed with plantation)					
4	Reclaimed Top soil dump					
5	Green Built Area					
6	Undisturbed area (brought under plantation)					
7	Roads (avenue plantation)					
8	Area around buildings and Infrastructure					
	TOTAL	110*	110*	110*	110*	110*

* As a representative example

Table 2: Stage-wise Cumulative Plantation

S.N.	YEAR*	Green Belt		External dump		Backfilled area		Others (Undisturbed Area/etc.)		Total	
		Area (ha)	No. of trees	Area (ha)	No. of trees	Area (ha)	No. of trees	Area (ha)	No. of trees	Area (ha)	No. of trees
1.	1st year										
2.	3rd year										

3.	5th year										
4.	10th year										
5.	15th year										
6.	20th year										
7.	25th year										
8.	30th year										
9.	34th year (end of mine life)										
10.	34-37th Year (Post-mining)										

* As a representative example

31. Conceptual Final Mine Closure Plan and post mining land use and restoration of land/habitat to the status pre- mining should be provided. A Plan for the ecological restoration of the mined-out area and post mining land use should be prepared with detailed cost provisions. Impact and management of wastes and issues of rehandling (wherever applicable) and backfilling and progressive mine closure and reclamation should be detailed.

Table 3: Post-Mining Land use Pattern of ML/Project Area (ha)

S.N.	Land use during Mining	Land Use (ha)				
1)	External OB Dump	Plantation	Waterbody	Public Use	Undisturbed	TOTAL
2)	Top soil Dump					
3)	Excavation					
4)	Roads					
5)	Built up area					
6)	Green Belt					
7)	Undisturbed Area					
	TOTAL					110

32. Flow chart of water balance should be provided. Treatment of effluents from workshop, township, domestic wastewater, mine water discharge, etc. should be provided. Details of STP in colony and ETP in mine should be given. Recycling of water to the max. possible extent should be accorded?.

33. Occupational health issues. Baseline data on the health of the population in the impact zone and measures for occupational health and safety of the personnel and manpower in the mine should be given.

34. Risk Assessment and Disaster Preparedness and Management Plan should be provided.

35. Integration of the Env. Management Plan with measures for minimising use of natural resources - water, land, energy, etc. should be carried out.

36. Cost of EMP (capital and recurring) should be included in the project cost and for progressive and final mine closure plan.

37. Details of R&R. Detailed project specific R&R Plan with data on the existing socio-economic status of the population (including tribals, SC/ST, BPL families) found in the study area and broad plan for resettlement of the displaced population, site for the resettlement colony, alternate livelihood concerns/employment for the displaced people, civic and housing amenities being offered, etc and costs along with the schedule of the implementation of the R&R Plan should be given.

38. CSR Plan along with details of villages and specific budgetary provisions (capital and recurring) for specific activities over the life of the project should be given.

39. Environment Management Plan (EMP):

a) The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.

b) The Company must have a well laid down Environment Policy approved by the Board of Directors.

c) The Environment Policy must prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.

d) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions must be furnished.

e) To have proper checks and balances, the company should have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

40. Details on Public Hearing should cover the information relating to notices issued in the newspaper, proceedings/minutes of public hearing, the points raised by the general public and commitments made by the proponent and the action proposed with budgets in suitable time frame. These details should be presented in a tabular form. If the Public Hearing is in the regional language, an authenticated English Translation of the same should be provided.

41. In built mechanism of self-monitoring of compliance of environmental regulations should be indicated.

42. Status of any litigations/ court cases filed/pending on the project should be provided.

43. Submission of sample test analysis of Characteristics of coal: This should include details on grade of coal and other characteristics such as ash content, S and heavy metals including levels of Hg, As, Pb, Cr etc.

44. Copy of clearances/approvals such as Forestry clearances, Mining Plan Approval, mine closer plan approval. NOC from Flood and Irrigation Dept. (if req.), etc. wherever applicable.

FORESTRY CLEARANCE:

Details on the Forest Clearance should be given as per the format given:

Total ML/Project Area (Ha)	Total Forest-Land (ha)	Date of FC	Extent of forestland	Balance area for which FC is yet to be obtained	Status of appl. For diversion of Forestland
		If more than one, provide details of each FC			

B. STANDARD TOR FOR AN UNDERGROUND COAL MINING PROJECT

1.

1) An EIA-EMP Report shall be prepared for a peak capacity over an area of 455.69 Ha addressing the impacts of the underground coalmine project including the aspects of mineral transportation and issues of impacts on hydrogeology, plan for conservation of flora and fauna and afforestation/plantation programme based on the generic structure specified in Appendix III of the EIA Notification 2006. Baseline data collection can be for any season except monsoon.

2) The EIA-EMP report should also cover the impacts and management plan for the project specific activities on the environment of the region, and the environmental quality with respect to air, water, land, biotic community, etc. through collection of baseline data and information generation of baseline data on impacts of coal production based on approved project/Mining Plan.

3) A Study area map of the core zone and 10 km area of the buffer zone (15 km of the buffer zone in case of ecologically sensitive areas) delineating the major landscape features such as the land use, drainage, locations of habitats, major construction including railways, roads, pipelines, major industries/mines and other polluting sources; and shall also indicate the migratory corridors of fauna, if any and the areas where endangered fauna and plants of medicinal and economic importance are found in the area.

4) Map showing the core zone along with 3-5 km of the buffer zone showing the delineation of the agricultural land (irrigated and unirrigated, uncultivable land (as defined in the revenue records), forest areas (as per records) and grazing land and wasteland and water bodies should be provided.

5) Contour map at 3 m interval along with Site plan of the mine (lease/project area with about 3-5 km of the study area) showing the various surface structures such as buildings, infrastructure, CHP, ETP, Stockyard, township/colony (within/adjacent to the ML), green belt and undisturbed area and if any existing roads, drains/natural water bodies that are to be left undisturbed and details of natural drainage adjoining the lease/project and modification of thereof in terms of construction of embankments/bunds, proposed diversion/re-channelling of the water courses, etc. and highways passing through the lease/project area should be given.

6) Original land use (agricultural land/forestland/grazing land/wasteland/water bodies) of the area should be provided as per the tables given below. Impacts of project, if any on the land use, in particular, agricultural land/forestland/grazing land/water bodies falling within the lease/project and acquired for mining operations should be analyzed. Extent of area under surface rights and under mining rights should be specified.

S.N.	ML/Project Land use	Area under Surface Rights (ha)	Area under Rights (ha)	Area under Both (ha)
1	Agricultural land			

2	Forest Land			
3	Grazing Land			
4	Settlements			
5	Others (specify)			

Area Under Surface Rights

S.N.	Details	Area (ha)
1	Buildings	
2	Infrastructure	
3	Roads	
4	Others (specify)	
	TOTAL	

7) Study on the existing flora and fauna in the study area carried out by an institution of relevant discipline and the list of flora and fauna duly authenticated separately for the core and buffer zones and a statement clearly specifying whether the study area forms a part of the migratory corridor of any endangered fauna should be given. The report and the list should be authenticated by the concerned institution carrying out the study and the names of the species (scientific and common names) along with the status of species as per the classification of the Wild Life Protection Act, 1972 should be furnished.

8) Details of mineral reserves, geological status of the study area and the seams to be worked, ultimate working depth and progressive stage-wise working plan/scheme until the end of mine life should be reflected on the basis of the approved rated capacity and calendar plans of production from the approved Mining Plan should be provided. Geological maps should also be included.

9) Impact of mining on hydrology, modification of natural drainage, diversion and channelling of the existing rivers/water courses flowing though the ML and adjoining the lease/project and the impact on the existing users and impacts of mining operations thereon should be provided.

10) Collection of one-season (non-monsoon) primary baseline data on environmental quality - air (PM10, PM2.5, SOx, NOx and heavy metals such as Hg, Pb, Cr, AS, etc), noise, water (surface and groundwater), soil along with one-season met data should be provided.

11) Map of the study area (core and buffer zone) clearly delineating the location of various sampling stations for air/water/soil and noise (each shown separately) superimposed with location of habitats, wind

roses, other industries/mines, polluting sources should be given. The number and location of the stations should be selected on the basis of the proposed impacts in the downwind/downstream/ groundwater regime. One station should be in the upwind/upstream/non-impact non-polluting area as a control station. Wind roses to determine air pollutant dispersion and impacts thereof shall be determined. Monitoring should be as per CPCB guidelines and standards for air, water, noise notified under Environment Protection Rules. Parameters for water testing for both ground and surface waters should be as per ISI standards and CPCB classification of surface water wherever applicable.

12) Impact of mining and water abstraction and mine water discharge from the mine on the hydrogeology and groundwater regime within the core zone and 10km buffer zone including studies on the impact of mining on the groundwater regime. Details of rainwater harvesting and measures for recharge of groundwater should be reflected wherever the areas are declared dark/grey from groundwater development.

13) Study on subsidence, continuous monitoring measures for mitigation/prevention of subsidence, modelling subsidence prediction and its use during mine operation, safety issues should be done.

14) Detailed water balance should be provided. The break up of water requirement as per different activities in the mining operations, including use of water for sand stowing should be given separately. Source of water for use in mine, sanction of the competent authority in the State Govt. and impacts vis-à-vis the competing users should be provided.

15) Impact of choice of mining method, technology, selected use of machinery and impact on air quality, mineral transportation, coal handling & storage/stockyard, etc, Impact of blasting, noise and vibrations should be provided.

16) Impacts of mineral transportation inside and outside the lease/project should be provided. The entire sequence of mineral production, transportation, handling, transfer and storage of mineral and waste, and their impacts on air quality should be shown in a flow chart with the specific points where fugitive emissions can arise with the specific pollution control/mitigative measures proposed to be put in place. The carrying capacity of existing roads in the area and if new roads are proposed, the impact of their construction and particularly if it involves use forest land. Efforts be made to reduce coal dust generation by truck loading through CHP and wagon loading through CHP/SILO to reduce air pollution.

17) Details of various facilities to be provided to the workers in terms of parking, rest areas and canteen, and effluents/pollution load resulting from these activities should also be given.

18) The number and efficiency of mobile/static water sprinkling system along the main mineral transportation road inside the mine, approach roads to the mine/stockyard/siding, and also the frequency of their use in impacting air quality should be provided.

19) Impacts of CHP, if any on air and water quality should be given. A flow chart showing water balance along with the details of zero discharge should be provided.

20) Conceptual Final Mine Closure Plan along with the fund requirement for the detailed activities proposed there under should be given. Impacts of change in land use for mining operations and details of post mining land use, including the feasibility of using the land for agriculture should be provided.

21) Greenbelt development should be undertaken particularly around the transport route and CHP. Baseline data on the health of the population in the impact zone and measures for occupational health and safety of the personnel and manpower for the mine should be submitted.

22) Details of cost of EMP (capital and recurring) in the project cost and for final mine closure plan and these include the specific costs (capital and recurring) of each pollution control/mitigative measures proposed in the project until the end of mine life and a statement that this is included in the project cost should be given.

23) The Env. Management Plan should be integrated with measures for minimizing the use of natural

resources - water, land, energy, raw materials/mineral, etc.

24) Detailed project specific R&R Plan with data on the existing socio-economic status (including tribals, SC/ST) of the population in the study area and broad plan for resettlement of the displaced population, site for the resettlement colony, alternate livelihood concerns/employment for the displaced people, civic and housing amenities being offered, etc and costs along with the schedule of the implementation of the R&R Plan should be provided.

25) CSR Plan along with details of villages and specific budgetary provisions (capital and recurring) for specific activities over the life of the project should be given.

26) Environment Management Plan (EMP):

a) The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.

b) The Company must have a well laid down Environment Policy approved by the Board of Directors.

c) The Environment Policy must prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/

d) conditions.

e) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions must be furnished.

f) To have proper checks and balances, the company should have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

27) Details on Public Hearing should cover the information relating to notices issued in the newspaper, proceedings/minutes of public hearing, the points raised by the general public and commitments made by the proponent and the action proposed with budgets in suitable time frame. These details should be presented in a tabular form. If the Public Hearing is in the regional language, an authenticated English Translation of the same should be provided.

28) In built mechanism of self-monitoring of compliance of environmental regulations should be indicated.

29) Status of any litigations/ court cases filed/pending in any Court/Tribunal on the project should be provided.

30) Details on sample test analysis of: Characteristics of coal: This should include details on grade and other characteristics such as ash content, and heavy metals including levels of Hg, As, Pb, Cr etc. should be given.

31) Copies of clearances/approvals such as Forestry clearances, Mining Plan Approval, mine closer plan approval, NOC from Flood and Irrigation Dept. (if req.), etc. should be provided wherever applicable.

FORESTRY CLEARANCE: Details on the forest clearance the details should be given as per format.

Total ML/Project AREA (ha)	Total Forestland (ha)	Date of FC	Extent of forestland	Balance area for which FC is yet to be obtained	Status of appl. For diversion of forestland
		If more than one,			

		provide details of each FC			

C. STANDARD TOR FOR AN OPENCAST-CUM-UNDERGROUND COAL MINING PROJECT

1.

1 An EIA-EMP Report would be prepared for an OC-cum-UG project which consists of 0.75 MTPA capacity in an ML/project area of 455.69 ha based on the generic structure specified in Appendix III of the EIA Notification.

2 An EIA-EMP Report would be prepared for 0.75 MTPA rated capacity cover the impacts and management plan for the project specific activities on the environment of the region, and the environmental quality encompassing air, water, land, biotic community, etc. through collection of data and information, generation of data on impacts including prediction modelling for 0.75 MTPA of coal production based on approval of project/Mining Plan for 0.75 MTPA. Baseline data collection can be for any season except monsoon.

3 The TOR prescribed for both opencast and underground mining are applicable for opencast – cum underground mining.

4 Information on the following aspects of the corporate Environment Responsibility should also be provided for opencast, underground and opencast-cum-underground Mine.

5 Environment Management Plan (EMP):

a) The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.

b) The Company must have a well laid down Environment Policy approved by the Board of Directors

c) The Environment Policy must prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/ conditions.

d) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions must be furnished.

e) To have proper checks and balances, the company should have a well laid down system of

	reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.
D. GENERAL CONDITIONS AND ADDITIONAL POINTS OF TOR	
1.	The following general points should be noted:- 1. All documents should be properly indexed, page numbered. 2. Period/date of data collection should be clearly indicated. 3. Authenticated English translation of all material in regional languages should be provided. 4. After the preparation of the draft EIA-EMP Report as per the aforesaid TOR, the proponent shall get the Public Hearing conducted as prescribed in the EIA Notification 2006 and its subsequent amendments and take necessary action for obtaining environmental clearance under the provisions of the EIA Notification 2006 and its subsequent amendments. 5. The letter/application for EC should quote the MOEF&CC/ SEIAA file No. and also attach a copy of the letter prescribing the TOR. 6. The copy of the letter received from the Ministry on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report. 7. The final EIA-EMP report submitted to the Ministry must incorporate the issues in TOR and that raised in Public Hearing. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP Report where the specific TOR prescribed by Ministry and the issue raised in the P.H. have been incorporated. Mining Questionnaire (posted on MOEF&CC website) with all sections duly filled in shall also be submitted at the time of applying for EC. 8. General Instructions for the preparation and presentation before the EAC of EC for projects of Coal Sector should be incorporated/followed. 9. The following additional points are also to be noted: (a) Grant of TOR does not necessarily mean grant of EC. (b) Grant of TOR/EC to the present project does not necessarily mean grant of EC to the captive/linked project. (c) Grant of TOR/EC to the present project does not necessarily mean grant of approvals in other regulations such as the Forest (Conservation) Act 1980 or the Wildlife (Protection) Act, 1972 and (d) Grant of EC is also subject to Circulars issued under the EIA Notification 2006 from time to time, which are available on the MOEF&CC website: www.envfor.nic.in.
E. ADDITIONAL CONDITIONS IMPOSED BY THE SEAC	
1.	**Mandatory documents** 1 The PP should submit the commitments made in their reply to the SEAC dated 04.11.2025. 2 Production of UG and OC patch should be submitted separately. 3 Necessary permission from the competent authority should be submitted for diversion of the nalah/jhora/natural stream, if any. 4 A wildlife conservation plan for the project should be prepared and submitted. 5 An inventory of the existing trees with botanical and common names and height, girth,

and tree canopy dimensions to be submitted. PP shall attempt to transplant the ecologically valuable species in suitable locations in the vicinity.

6 Permission from the concerned DFO should be obtained for felling of trees.

7 A study on the biological environment of the area covering a full-fledged biodiversity assessment should be taken up. Field survey and consultation with local people and Forest Department should be the basis of preparation of list of flora and fauna of the area.

8 Detailed information about the status of acquisition of additional land including its conversion and mutation in the name of PP.

9 Possible impact on the endangered flora and fauna in the study area may be studied in consultation with an organisation of relevant discipline. Copy of the approved WILD LIFE CONSERVATION PLAN may please be uploaded in Parivesh Portal.

10 Measures to minimize illumination and sound at night to reduce the degree of disturbances caused towards human and animal population. A dust and noise mitigation plan with necessary details may be submitted.

11 Emphasis to be given to plant tree species with heavy foliage and dense canopy while preparing necessary exclusive tree plantation plan for covering 33% of the project area.

12 Necessary measures to avoid occurrence of subsidence in private area/ villages may be given due priority.

13 Land Use map (1:50000) based on recent satellite imagery of the study area may be provided with explanatory notes on land use. Impact of changes in the land use if the land is predominantly agricultural land, tree area or area containing dense bush or grass land should be provided.

14 In case of any diversion of any waterbody like canal/ nallah/jhora etc, a route of diversion/modification of drainage, their realignment, construction of embankment etc, should be shown on map, on receipt of necessary approval of the state irrigation department.

15 Break up of lease/project area as per mining plan is to be provided.

16 For proper baseline air quality assessment, adequate number of monitoring stations should be planned in downwind directions spreading well over 10 km buffer area.

17 A detailed traffic study along with presence of habitation in 100 meters distance from both sides of the road to be made. The impact on the air quality with the measures and plan of action to be spelt out in EIA/EMP report as the project will increase the numbers of vehicle along the road after inception of the project and will contribute largely to carbon emission.

18 Hydrogeological study including flow and contaminant modelling and the impact of mine dewatering on the drinking water supply of the adjacent villages.

19 A study on the Impact of OB dump on the air quality of the adjacent villages.

Need based EMP

20 A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Shri Mrityunjay Kumar, GM - Environment & Forest
Address	Eastern Coalfields Limited, CMDs Office, Sanctoria, Post Office-Dishergarh, Paschim Bardhaman 713333
Email	hodenv.ecl@coalindia.in
Telephone Number / Mobile No.	94705 95125 / 94347 96497
Name of the Environmental Consultant	M/s. Indian Mine Planners and Consultants.

3.21. Agenda Item No 21:

3.21.1. Details of the proposal

Hesla Blackstone Mine by **ARUN KATARUKA** located at **PURULIA,WEST BENGAL**			
Proposal For		Fresh ToR	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/53507	2N-77/202	30/05/2025	Mining of minerals

7/2025	5(E)		Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.21.2. Project Salient Features

- Salient features of the project as submitted by the PP is as below :

Name of the project	Hesla Blackstone Mine
Project proponent	Sri Arun Kataruka
Location of the project	Mouza: Hesla, J.L. No. 207, Plot No. 1630, Manbazar-II Block, Purulia district of West Bengal
Project Area	5.989Ha
DSR potential zone code	PUR_BS_ZONE_32
Proposed area for green belt/plantation	Safety area: 0.8557Ha (inside), 1.12 Ha (outside)
No. of saplings proposed	2140
Amount for plantation	Rs.4,50,000/-
Total Project Cost	Rs.1,42,25,000/-
Amount for need-based activities	Rs.2,84,500/-

3.21.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :04/06/2025

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purulia district.
- The SEAC scrutinized the documents submitted by the PP in the 73rd meeting SEAC, WB (2023-2026) held on 04.06.2025 and after careful consideration and detailed deliberation the committee made the following observations:-

Mandatory documents

1. The PP should upload proper kml file, so that the DSS can be evaluated.

2. The submitted documents regarding extension of lease validity in the parivesh portal is not explicitly clear whether the existing lease has been revalidated in the name of PP. Therefore, the PP should submit either valid lease document for the project or LoI from the competent authority.

3. From the land use submitted in the mine plan, it is observed that the greenbelt area will be developed in the safety zone which is 0.8557 ha, only about 14.28% of the project area. Therefore, the PP should submit details of compensatory plantation with RoR in the name of the PP.

4. Porcha / RoR for the project area of 5.989 ha in the name of the PP.

5. Also, from the mine plan it is observed that a crushing plant will be set up for which details should be uploaded by PP showing the storage area for the crushed material.

6. Details of backfilling plan is to be indicated.

7. Dust mitigation plan for the project should be submitted.

8. Plan and location for storage of the over burden generated.

Greenbelt and plantation

9. **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

Miscellaneous

10. Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

11. The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked on the plan. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

12. Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

13. Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

14. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

15. Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.21.4. Deliberations by the SEAC in current meetings

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting and deliberated on the submissions made by the project proponent and observed that **the project is of 5.989 ha. and the PP has applied for ToR under B1 category with non-cluster certificate. As per the Notification vide S.O.3977(E) dated 14.08.2018, only for project or activity of mining of minor minerals of Category 'B1' in case of cluster of mining lease area, general conditions shall not be applicable**.
- **The SEAC is of the opinion that general condition shall be applicable for the project. Also, from the DSS of the PARIVESH portal, the project is located within RFA-KSC South division. A number of settlements were also observed within the project area**.
- No proper reply to the queries raised by the SEAC is uploaded.
- **Therefore, the SEAC recommended that the project may be forwarded to SEIAA for rejection**.

3.21.5. Recommendation of SEAC

Not Recommended

3.22. Agenda Item No 22:

3.22.1. Details of the proposal

Proposed Modification cum Expansion of GARMENT and LOGISTIC PARK at Mouza- Unsani, J.L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal by Howrah Haat Developers Pvt. Ltd. & Rajeshwari Enclave Pvt. Ltd by **HOWRAH HAAT DEVELOPERS PVT. LTD. & RAJESHWARI ENCLAVE PVT. LTD.** located at **HOWRAH,WEST BENGAL**			
Proposal For		Expansion EC	
Proposal No	**File No**	**Submission Date**	**Activity**

			Sub-Activity (Schedule Item)
SIA/WB/INFRA2/548036/2025	2N-62/2019(E)	13/08/2025	Building / Construction Logistic warehouse (8(a))

3.22.2. Project Salient Features

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- The revised salient features of the proposed project is as follows :

Salient features	**As per EC (vide EC Identification No. EC22B038WB177119 Dated 12/04/2022)**	**Total project Scenario after proposed expansion**
Land Area	83998.55 sqm (As per physical area) 86202.18 sqm (As per Deed)	25269.35 sqm (As per physical area)
Block details	· Block_1 — G+4, · Block_2 — LG+UG+3 · Block_4— B+G+1 · Block_6—G+5 · Block_8— B+G+2 (Service Block)	· Block_1 — G+4, · Block_2 — LG+UG+4 · Block_6— LG+UG+4 · Block_8— B+G+1 (Service Block)
Total Built-up area	**46655.77 sqm (excluding service areas and above roof areas)** **49402.84 sqm (including service areas and above roof areas)**	**48506.84 sqm (excluding service areas)** **52505.25 sqm (including service areas)**
Expected Population	(Fixed – 41187 Persons, Floating-6584 persons)	1778 nos.
Total Water Requirement	212.72 KLD (Operation Phase)	85 KLD
Fresh Water Requirement	100.44 KLD (HMC)	44 KLD
Wastewater generated	121.74 KLD (to be treated in STP)	64 KLD
Wastewater recycled	112.28 KLD (to be used in dual flushing, road washing and land scaping)	41 KLD

Wastewater discharged	9.46 KLD	23 KLD
Solid Waste disposal	567 kg/day	Total Waste Generation–178 kg/day Bio-degradable Waste -71 kg/day Non-bio degradable Waste- 107 kg/day
Ground Coverage	8292.35 sqm (9.87% of total land area)	8659.79 sqm (34.27%)
Additional Ground coverage	2130.33 sqm (2.54% of total land area)	693.37 sqm (2.74%) (for parking and services)
Exclusive Tree Plantation Area	**16858.15 sqm (20.07% of total land area)**	**5089.56 sqm (20.14%)**
Total Paved Area	32060.96 sqm (38.17% of total land area)	2935.94 sqm (11.62%)
Service Area	325.64 sqm (0.39% of total land area)	--
Pond Area	2873.24 sqm (3.42% of total land area)	--
Area for future development	21457.35 sqm (25.54% of total land area)	--
Internal Road Area	--	7890.69 sqm (31.23%)
No. of plantation proposed	1180 nos.	415 nos.
No. of Parking spaces proposed	50 nos. Trucks, 153 nos. Car	42 nos. Trucks, 121 nos. Car
Total Power Requirement	2233 KVA, WBSEB	2260 kVA
Back-up Power	DG Sets (1x1500 KVA & 2x1010 KVA)	2x750 kVA
Solar Power	23 KVA	20 KW
Project cost (Rs.)	Rs.53,65,20,816.00 (53.65Cr)	Rs.100,00,00,000.00 (100 Cr)

3.22.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :20/08/2025

Deliberations of SEAC 1 :

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1. The dag nos. and the configuration mentioned in the fire safety recommendation does not match with the sanction plan. Revised documents should be submitted.

2. The configuration in the building permit uploaded in the portal also does not match. Revised documents should be submitted.

3. The Fire Recommendation letter mentions Block 8 as B+G, whereas PP has applied for the same block as B+G+1. Revised Fire recommendation to be submitted.

4. Comprehensive mobility plan should be submitted.

5. Concurrence / permission for the upcoming project from the electricity authority for the over-head HT line passing through the project should be submitted.

6. Undertaking regarding composition of proposed industries to be permitted in the Industrial Building.

7. The earlier EC was issued for a total BUA of 46655.77 sqm (excluding service areas) with expected population of 47,771 persons (fixed 41187 and floating 6584). The current EC is applied for BUA 48506.84 sqm (excluding service areas) after expansion, but with an expected population of 1067 (970+97) persons. Population/ occupant load reduces drastically (merely 2.2% of earlier calculation) while built up area increases by ~4%. Rationale and clarifications to be submitted.

Water and Waste water

8. The building type has been considered as commercial, but population calculation for water requirement assessment considers one person per 50 sqm, which does not comply with NBC 2016 stipulations. Reasons and revised water calculation to be submitted.

9. The PP has proposed 9 nos. recharge pits instead of the required 11. Reasons should be submitted.

10. Concurrence regarding waste water disposal, solid waste disposal and storm water discharge from the competent authority.

11. Design of STP to be submitted.

12. Analysis report of ground water to be submitted.

13. Storm water management plan to be submitted.

14. The recharge well shown on the driveway in front of the parking area should be suitably relocated in the area behind the parking.

Solid Waste disposal

15. Service area should be marked in the map. Area for segregation and management of solid waste, especially for the non-compostable packaging waste should be marked in the plan.

16. Proposal for land development and disposal plan for C&D waste should be submitted. C&D waste during construction should be taken into consideration.

Greenbelt

17. The DFO certified plan dtd. 13.06.2025 does not show the over-head HT line. It also marks Block 8 (LG+G) of the sanctioned plan dtd. 12.06.2025 as S4 (B+G+1 Service Block). Reasons and clarification on this mismatch need to be provided.

18. The DFO certified Plantation plan to be revised and submitted with the HT line marked and plantation below the HT line modified as per concurrence from the electricity authority.

Need based EMP

19. Revised need-based activities should be submitted as discussed in the meeting, clearly indicating the beneficiaries involved.

Miscellaneous

20. The PP shall install the following :-

a) Solar smart meter for recording generation.

b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.

c) Treated wastewater of other building projects in the vicinity may be considered for the construction phase of the project.

d) Water quality management system.

e) STP with the digital data for inlet / outlet for measuring flow along with discharge quality.

f) Ambient air quality monitoring station based on real time data. Anti-smog gun/ mist canon to be provided especially during the construction period.

g) Ambient noise quality monitoring station based on real time data.

h) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.

i) Piezometer with automatic water level meter connected to an electronic display board.

Plan in this regard to be submitted.

21. Charging facility for e-vehicles for at least 10% should be provided. Plan in this regard to be submitted.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.22.4. Deliberations by the SEAC in current meetings

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting and deliberated on

the submissions made by the project proponent. The SEAC observed that the project proponent has not submitted specific and proper reply to the queries raised. Most of the documents sought for are in a stage of application. Hence, the PP is requested to upload the concurrences / permissions from the respective authorities for consideration of the project.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.22.5. Recommendation of SEAC

Deferred for ADS

3.23. Agenda Item No 23:

3.23.1. Details of the proposal

Environmental Clearance for Proposed LOGISTIC PARK by M/s. PS Logistic Park LLP at Mouza- Unsani, J. L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal by **PS LOGI STIC PARK LLP** located at **HOWRAH,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/INFRA2/548076/2025	2N-103/2025(E)	13/08/2025	Building / Construction Logistic warehouse (8(a))

3.23.2. Project Salient Features

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- The revised salient features of the project is as under:

Land Area (As per Physical measurement)	56382.10 sqm

Block details	· Block A - LG+UG+3 · Block B - LG+UG+3 · Block C - LG+UG+3 · Block S1 - G+3 · Block S2 - G+3 · Block S3 - G+1
Total Built-up area	**91535.79 sqm**
Expected Population	3312 nos.
Total Water Requirement	164 KLD
Fresh Water Requirement	88 KLD
Wastewater generated	114 KLD
STP capacity	120 KL
Wastewater recycled	76 KLD
Wastewater discharged	37 KLD
Solid Waste disposal	Total Waste Generation–331 kg/day Bio-degradable Waste - 132 kg/day Non-bio degradable Waste- 199 kg/day
Ground Coverage	19687.27 sqm (34.92%)
Exclusive Tree Plantation Area	**11320.58 sqm (20.08%)**
Total Paved Area	22501.01 sqm (39.91%)
Pond Area	2873.24 sqm (5.10%)
No. of plantation proposed	924 nos.
No. of Parking spaces proposed	55 nos. Trucks, 303 nos. Car
Total Power Requirement	1828 kW

Back-up Power	2x1000 kVA
Solar Power	19 KWp
Project cost (Rs.)	Rs.200,00,00,000.00/-

3.23.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :20/08/2025

Deliberations of SEAC 1 :

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1. Certified Compliance Report (CCR) as per the provision of Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 along with Action Taken Report.

2. Fire safety recommendation for the project.

3. The building configurations of Blocks S1, S2, S3 of sanction plan dtd. 11.04.2025 and DFO certified Plantation Plan dtd. 30.04.2025 do not match. Revised documents should be submitted.

4. Concurrence regarding waste water disposal, solid waste disposal and storm water discharge from the competent authority.

5. Relocation of trees / parking etc. should be done according to the permission of IOCL. A plan should be submitted in this regard.

6. No DG set should be placed near the IOCL pipeline. Stack height of DG set to revise. A revised layout plan with all finished ground levels as/ IOCL recommendation should be submitted.

7. Concurrence from the electricity authority for the HT line should be submitted.

8. The DFO certified plan does not show the over-head HT line passing through the north-east of the project site. Revised Plantation plan is to be submitted with the HT line marked and plantation below the HT line modified as per concurrence from the electricity authority, in addition to necessary tree relocation to free the IOCL's Right of Way.

9. Service area should be marked in the map. Area for segregation and management of solid waste, especially for the non-compostable packaging waste should be marked in the plan.

10. Undertaking reg. composition of proposed industries to be permitted in the Industrial Building.

11. Comprehensive mobility plan should be submitted.

12. The building type has been considered as commercial, but population calculation for water requirement assessment considers one person per 50 sqm for the Logistic Warehouse blocks, which does not comply with NBC 2016 stipulations. Reasons and revised water calculation to be submitted.

13. Design of STP to be submitted.

14. Proposal for land development and disposal plan for C&D waste should be submitted. C&D waste during construction should be taken into consideration.

15. Analysis report of ground water to be submitted.

16. Storm water management plan to be submitted.

17. Monitoring of the water quality of the pond and maintenance of its embankment as per guidelines should be ensured.

Need-based EMP

18. Revised need-based EMP as per Office Memorandum of MoEF& CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted as discussed in the meeting. Beneficiaries for the social part of EMP should be identified and their consent should be submitted.

Miscellaneous

19. The PP shall install the following :-

a) Solar smart meter for recording generation.

b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.

c) Water quality management system.

d) STP with the digital data for inlet / outlet for measuring flow along with discharge quality.

e) Ambient air quality monitoring station based on real time data. Anti-smog gun/ mist canon to be provided especially during the construction period.

f) Ambient noise quality monitoring station based on real time data.

g) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.

h) Piezometer with automatic water level meter connected to an electronic display board.

Plan in this regard to be submitted.

20. Charging facility for e-vehicles for at least 10% should be provided. Plan in this regard to be submitted.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.23.4. Deliberations by the SEAC in current meetings

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting and deliberated on the submissions made by the project proponent. The SEAC observed that the project proponent has not submitted specific and proper reply to the queries raised. Most of the documents sought for are in a stage of application. Hence, the PP is requested to upload the concurrences / permissions from the respective authorities for consideration of the project.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

  All the documents should be duly signed both by the project proponent and the environmental consultant.

  The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.23.5. Recommendation of SEAC

Deferred for ADS

3.24. Agenda Item No 24:

3.24.1. Details of the proposal

Barsal Shrirampur & Duberdanga Blackstone Mine by **BUILDMAX INFRA** located at **BANKURA,WEST BENGAL**			
Proposal For		Mining EC Under 5 Ha	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/549417/2025	2N-123/2025(E)	04/09/2025	Mining of minerals Non-Coal Mining (Minor Minerals-other than river bed mining) (1(a))

3.24.2. Project Salient Features

- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 0.23 km.**
- Salient features of the project as submitted by the PP is as below :

Name of the project	Barsal Shrirampur & Duberdanga Blackstone Mine
Project proponent	Buildmax Infra
Location of the project	Mouza: Barsal Shrirampur & Duberdanga, J.L. No.: 6 & 5, Plot No.: 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2502, 2503, 2504, 2505, 2506, 2508, 2509/ 3089P, 2509/ 3088P, 1949P, P.S.: Gangajalghati, District: Bankura
Project Area	2.86 ha
DSR potential zone code	BNK_BS_ZONE_01
Proposed area for green belt/ plantation	Plantation will be done along the safety zone of the mine site during the first two years of the project life.
No. of saplings proposed	2360

Amount for plantation	Rs.1,50,000/-
Total Project Cost	Rs.1,61,50,000/-
Amount for need-based activities	Rs.3,23,000/-

- Year wise production details of Black stone as mentioned in the Mining Plan is given below :-

Year	RL	Avg. Area (Sq. M.)	Height (M)	Volume (Cum)	Specific Gravity	Volume (T)	Volume (Mt)	Total Cumulative	Individual	Mineral Rejects	Extractable Reserve (Mt)
1ST	99.02-91.52	5686.95	7.5	42652.13	2.782	118658.23	0.1187	0.2935	0.2935	2%	0.2876
	91.52-84.02	4070.16	7.5	30526.20	2.782	84923.89	0.0849				
	84.02-76.52	2574.08	7.5	19305.60	2.782	53708.18	0.0537				
	76.52-69.02	1545.02	7.5	11587.65	2.782	32236.84	0.0322				
	69.02-67.47	924.35	1.55	1432.74	2.782	3985.88	0.0040				
2ND	99.02-91.52	10639.12	7.5	79793.40	2.782	221985.24	0.2220	0.6120	0.3185		0.3121
	91.52-84.02	8177.65	7.5	61332.38	2.782	170626.68	0.1706				
	84.02-76.52	5960.34	7.5	44702.55	2.782	124362.49	0.1244				
	76.52-69.02	4047.63	7.5	30357.23	2.782	84453.81	0.0845				

	69.02-67.47	1517.62	1.55	2352.31	2.782	6544.13	0.0065				
		924.35	1.55	1432.74	2.782	3985.88	0.0040				
3RD	99.02-91.52	16917.91	7.5	126884.33	2.782	352992.21	0.3530	1.1131	0.5011		0.4911
	91.52-84.02	14181.85	7.5	106363.88	2.782	295904.31	0.2959				
	84.02-76.52	11610.34	7.5	87077.55	2.782	242249.74	0.2422				
	76.52-69.02	9185.74	7.5	68893.05	2.782	191660.47	0.1917				
	69.02-67.47	6093.63	1.55	9445.13	2.782	26276.35	0.0263				
		924.35	1.55	1432.74	2.782	3985.88	0.0040				
TOTAL									1.113		1.091

- The PP has submitted the need-based EMP which is given below :

Sl. No.	Activities	Investment						Name of the beneficiaries
		1st year	2nd year	3rd year	4th year	5th year	Total	
1.	Development Work in Barsal Gram Panchayat Viz Set up Deep	1,61,500					1,61,500	Barsal Gram Panchayat

	Boring Hand Pump-1 Nos.							
2.	Development Work in Barsal Gram Panchayat Repair of Gram Road, & Gram Building repair.		1,61,500				1,61,500	

- As per the Mining Plan, the boundary coordinates are given below :-

POINT ID	LATITUDE	LONGITUDE
1	23° 29' 36.0825"	87° 11' 36.0894"
2	23° 29' 36.1860"	87° 11' 35.9809"
3	23° 29' 36.4223"	87° 11' 36.1844"
4	23° 29' 36.6527"	87° 11' 36.3648"
5	23° 29' 36.7172"	87° 11' 36.3378"
6	23° 29' 36.8350"	87° 11' 36.2225"
7	23° 29' 37.0477"	87° 11' 35.8839"
8	23° 29' 37.1724"	87° 11' 35.9212"

9	23° 29' 37.3706"	87° 11' 35.9090"
10	23° 29' 37.8849"	87° 11' 34.8711"
11	23° 29' 38.0947"	87° 11' 34.8922"
12	23° 29' 38.1924"	87° 11' 34.8691"
13	23° 29' 38.2619"	87° 11' 34.1397"
14	23° 29' 38.2578"	87° 11' 33.8538"
15	23° 29' 38.2218"	87° 11' 33.1282"
16	23° 29' 38.2053"	87° 11' 32.5464"
17	23° 29' 38.1875"	87° 11' 32.2521"
18	23° 29' 38.0141"	87° 11' 32.2044"
19	23° 29' 37.9669"	87° 11' 32.0876"
20	23° 29' 37.9579"	87° 11' 31.9061"
21	23° 29' 38.0159"	87° 11' 31.7951"

22	23° 29' 38.0396"	87° 11' 31.6631"
23	23° 29' 37.9951"	87° 11' 31.4892"
24	23° 29' 37.9032"	87° 11' 31.3276"
25	23° 29' 37.8242"	87° 11' 31.1143"
26	23° 29' 37.7001"	87° 11' 30.6093"
27	23° 29' 37.6868"	87° 11' 30.2057"
28	23° 29' 37.6785"	87° 11' 29.7506"
29	23° 29' 37.7356"	87° 11' 29.5915"
30	23° 29' 37.6920"	87° 11' 29.3490"
31	23° 29' 37.5828"	87° 11' 29.0573"
32	23° 29' 37.5426"	87° 11' 28.8355"
33	23° 29' 36.8051"	87° 11' 28.5700"
34	23° 29' 36.8077"	87° 11' 28.8139"

35	23° 29' 36.8681"	87° 11' 29.5726"
36	23° 29' 36.9731"	87° 11' 29.7753"
37	23° 29' 37.2340"	87° 11' 30.3734"
38	23° 29' 37.2121"	87° 11' 30.6390"
39	23° 29' 36.9285"	87° 11' 30.6453"
40	23° 29' 36.8434"	87° 11' 30.8585"
41	23° 29' 35.4537"	87° 11' 30.9166"
42	23° 29' 33.1503"	87° 11' 34.6022"
43	23° 29' 32.9851"	87° 11' 34.6587"
44	23° 29' 32.8672"	87° 11' 34.7378"
45	23° 29' 32.6707"	87° 11' 34.9936"
46	23° 29' 32.8338"	87° 11' 35.2597"
47	23° 29' 33.1808"	87° 11' 36.0978"

48	23° 29' 33.5302"	87° 11' 36.1362"
49	23° 29' 33.6253"	87° 11' 36.4221"
50	23° 29' 33.4694"	87° 11' 36.4947"
51	23° 29' 33.5232"	87° 11' 37.0309"
52	23° 29' 33.6187"	87° 11' 37.4266"
53	23° 29' 33.7908"	87° 11' 37.8741"
54	23° 29' 33.9937"	87° 11' 38.2281"
55	23° 29' 33.9214"	87° 11' 38.2718"
56	23° 29' 33.6366"	87° 11' 38.3512"
57	23° 29' 33.6578"	87° 11' 38.6476"
58	23° 29' 33.8892"	87° 11' 39.3269"
59	23° 29' 34.0573"	87° 11' 39.8600"
60	23° 29' 34.2159"	87° 11' 39.8497"

61	23° 29' 34.2534"	87° 11' 39.9851"
62	23° 29' 34.4666"	87° 11' 40.1207"
63	23° 29' 34.5510"	87° 11' 40.1920"
64	23° 29' 34.6701"	87° 11' 40.1319"
65	23° 29' 34.6792"	87° 11' 39.5231"
66	23° 29' 34.6190"	87° 11' 39.3433"
67	23° 29' 34.5266"	87° 11' 39.2194"
68	23° 29' 34.5377"	87° 11' 39.0313"
69	23° 29' 34.6550"	87° 11' 38.9467"
70	23° 29' 34.8715"	87° 11' 38.9814"
71	23° 29' 35.1431"	87° 11' 38.9965"
72	23° 29' 35.5499"	87° 11' 38.8937"
73	23° 29' 35.7972"	87° 11' 38.8540"

74	23° 29' 36.0208"	87° 11' 38.8893"
75	23° 29' 36.1734"	87° 11' 38.7863"
76	23° 29' 36.2369"	87° 11' 38.6270"
77	23° 29' 36.3380"	87° 11' 38.4193"
78	23° 29' 36.4439"	87° 11' 38.4100"
79	23° 29' 36.6300"	87° 11' 38.3365"
80	23° 29' 36.9670"	87° 11' 38.0428"
81	23° 29' 36.9713"	87° 11' 37.9516"
82	23° 29' 37.1138"	87° 11' 37.7615"
83	23° 29' 37.2147"	87° 11' 37.7061"
84	23° 29' 37.4194"	87° 11' 37.5647"
85	23° 29' 37.6024"	87° 11' 37.6195"
86	23° 29' 37.6872"	87° 11' 37.4031"

87	23° 29' 37.8130"	87° 11' 37.2365"
88	23° 29' 37.8712"	87° 11' 37.1940"
89	23° 29' 37.9268"	87° 11' 36.6105"
90	23° 29' 37.8025"	87° 11' 36.5656"
91	23° 29' 37.4948"	87° 11' 36.5333"
92	23° 29' 37.4832"	87° 11' 36.6317"
93	23° 29' 37.3984"	87° 11' 36.9393"
94	23° 29' 37.5287"	87° 11' 37.0074"
95	23° 29' 37.6911"	87° 11' 37.1383"
96	23° 29' 37.6242"	87° 11' 37.2184"
97	23° 29' 37.5113"	87° 11' 37.2274"
98	23° 29' 37.3015"	87° 11' 37.2082"
99	23° 29' 37.1904"	87° 11' 37.1791"

100	23° 29' 36.6538"	87° 11' 36.6390"

3.24.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :10/09/2025

Deliberations of SEAC 1 :

- The SEAC scrutinized the documents submitted by the PP in the 84th meeting SEAC, WB (2023-2026) held on 10.09.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

a) All the documents should be duly signed both by the project proponent and the environmental consultant before being uploaded in the Parivesh portal.

b) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

c) Surface and ground water hydrology should be submitted.

d) Study report on fracture analysis with respect to groundwater flow.

e) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

f) Details of backfilling plan is to be indicated.

g) Dust mitigation plan for the project should be submitted.

h) Plan and location for storage of the over burden.

i) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

j) Impact of noise and transportation on the nearby habitation may be studied and submitted.

k) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

l) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

m) The land break-up of the proposed greenbelt area should be provided in a tabular format as below

and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supporting document)	Lease period (if applicable)

Miscellaneous

n) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

o) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

p) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

q) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

r) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.24.4. Deliberations by the SEAC in current meetings

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed, the SEAC **recommended the proposed project for Environmental Clearance** with the conditions that –

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto three years.**

2) Water level report with respect to ground water level and mean sea level should be submitted along with first six-monthly report.

3) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipment (PPEs) should be provided for them.

4) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.

5) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees should be planted as compensatory plantation; the land for such plantation should be marked.

This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Geo-tagged photographs of plantation undertaken by the PP for the project should be submitted along with the six-monthly compliance report.

6) Monitoring of PM_{10}, $PM_{2.5}$ and its SiO_2 (free silica) content should be done along with noise levels.

7) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.

8) Year-wise excavation schedule showing breakup of pay-mineral and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.

9) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.

10) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining

activities shall be discontinued.

11) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.

12) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

13) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorized by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

14) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

15) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.

16) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.

17) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

3.24.5. Recommendation of SEAC

Recommended

3.24.6. Details of Environment Conditions

3.24.6.1. Specific

General Conditions:-	
1.	**I. Statutory compliance** i. This Environmental Clearance (EC) is subject to orders / judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable. ii. The Project proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2nd August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors. before commencing the mining operations. iii. The State Government concerned shall ensure that mining operation shall not be

commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.

iv. This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from Ministry of Environment, Forest & Climate Change, (MoEF&CC) subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.

v. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.

vi. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board/Committee.

vii. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian.

viii. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.

ix. The Project Proponent shall follow the mitigation measures provided in MoEF&CC's Office Memorandum No. Z-11013 / 57 / 2014-IAJI (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

x. The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA/SWID for withdrawal of ground water for the project.

xi. A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.

xii. State Pollution Control Board / Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office / Tehsildar's Office for 30 days.

xiii. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board / Committee and web site of the Ministry of Environment, Forest and Climate Change (www.environmentclearance.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.

xiv. The Project Proponent shall inform the MoEF&CC / State Environment Impact Assessment Authority (SEIAA) for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after

transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

II. Air quality monitoring and preservation

i. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2; CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016 / 20 / 90 / PCUI, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

ii. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments / machineries and preventive maintenance: Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC / Central Pollution Control Board.

III. Water quality monitoring and preservation

i. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA/SWID. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA/SWID and MoEF&CC/SEIAA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.

ii. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.

iii. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority / State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.

iv. The Project Proponent shall undertake regular monitoring of natural water course / water resources / springs and perennial nallahs existing / flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality

upstream and downstream of water bodies passing within and nearby / adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and / or alteration be made to water bodies during mining operations without justification and prior approval of MoEF&CC / SEIAA. The monitoring of water courses / bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director/ SWID, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

v. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012 / 1 / 2006-IAJI (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

vi. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area consultation with Central Ground Water Board / State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF&CC/SEIAA annually.

vii. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

viii. The water balance / water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC/SEIAA and State Pollution Control Board / Committee.

IV. Noise and vibration monitoring and prevention

i. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

ii. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights / masks away from the villagers and keeping the noise levels well within the prescribed limits for day / night hours.

iii. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety

and health aspects. The Project Proponent shall be held responsible in case it has been found that workers / personals / laborers are working without personal protective equipment.

V. Mining plan

i. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.

ii. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines / Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules / Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change / SEIAA for record and verification.

iii. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional Office and SEIAA.

VI. Land reclamation

i. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines / circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil / OB dumps. The topsoil shall be used for land reclamation and plantation.

ii. The reject / waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines / circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

iii. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.

iv. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer / compactors thereby ensuring proper filling / leveling of dump mass. In critical areas, use of geo textiles / geo-

membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.

v. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC/SEIAA.

vi. Catch drains, settling tanks and ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil / OB / Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah / River / Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains / sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.

vii. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments / silt material. The sedimentation pits / sumps shall be constructed at the corners of the garland drains,

viii. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.

VII. Transportation

i. No Transportation of the minerals shall be allowed in case of roads passing through villages / habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village / rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

ii. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VIII. Green Belt

i. The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

ii. The Project Proponent shall carryout plantation / afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department / Agriculture Department / Rural development department / Tribal Welfare Department / Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.

iii. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded / protected against felling and plantation of such trees should be promoted.

iv. The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.

v. And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.

IX. Public hearing and human health issues

i. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial / preventive measures be taken. A status report on the same may be sent to MoEF&CC Regional Office and DGMS on half-yearly basis.

ii. The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and

thereafter every five years.

iii. The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium-Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).

iv. The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1),Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEF&CC/SEIAA annually along with details of the relief and compensation paid to workers having above indications.

v. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

vi. Project Proponent shall make provision for the housing for workers / labors or shall construct labor camps within / outside (company owned land) with necessary basic infrastructure / facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

vii. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry /SEIAA along with District Administration.

X. Environment Management Plan (EMP)

i. The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed. The activities proposed for EMP shall be implemented in

a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC / SEIAA annually along with audited statement.

ii. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF&CC and its concerned Regional Office and SEIAA.

XI. Miscellaneous

i. The project proponent should obtain land conversion certificate for the entire project from the competent authority before starting construction activity.

ii. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC and SEIAA.

iii. The Project Authorities should inform to the Regional Office and SEIAA regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

iv. The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office/SEIAA, Central Pollution Control Board and State Pollution Control Board.

v. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC and SEIAA.

vi. The concerned Regional Office of the MoEF&CC, SEIAA, SEAC and WBPCB shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC, SEIAA, SEAC and WBPCB officer(s) by furnishing the requisite data / information / monitoring reports.

XII. Additional Conditions imposed by SEAC :

1) **The validity of the EC should be limited upto three years.**

2) Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Water level report with respect to ground water level and mean sea level should be submitted along with first six-monthly report.

5) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipment (PPEs) should be provided for them.

6) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.

7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500

trees / ha within first two years from the starting of the mining operation. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees should be planted as compensatory plantation; the land for such plantation should be marked.

8) This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.

9) Monitoring of PM10, PM2.5 and its SiO2 (free silica) content should be done along with noise levels.

10) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.

11) Year-wise excavation schedule showing breakup of pay-mineral and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.

12) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.

13) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

14) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.

15) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

16) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

17) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

18) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.

19) Needs of the locality may be assessed and a social part of the EMP should be

undertaken as stipulated by MoEF&CC.

20) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

The contact details of the proponent and the name of the consultant –

Name of the Contact person with Designation	Buildmax Infra Mr. Shailesh kumar Banshal (Partner)
Correspondence Address	Village – Ramkrishna Mission, Gangajalghati, Tarkabaid, P.O. & P.S. – Nityanandpur, Dethol, District – Bankura
Email	buildmaxinfra2023@gmail.com
Telephone Number / Mobile Number	9934319250
Name of the Environmental Consultant	M/s. Centre for Envotech and Management Consultancy Private Limited.

3.25. Agenda Item No 25:

3.25.1. Details of the proposal

Jafrabad Sand Mine by **M/S MONDAL TRADERS** located at **PURBA BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/547914/2025	2N-31/2023(E)	15/09/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.25.2. Project Salient Features

- **The project is falling within the DSR potential zone code PBBD_BD2_DA_15A.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Jafrabad Sand Mine

Project proponent	Ashif Mondal
Location of the project	Mouza- Jafrabad, P.S.- Bardhaman, District – Purba Bardhaman, State – West Bengal.
Project Area	2.08 Hectare/ 5.15 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_BD2_DA_15A
Proposed area for green belt/plantation	0.69 Ha
No. of saplings proposed	1,720 (in total)
Amount for plantation	Rs. 3,44,000 (total in 5 years)
Total Project Cost	Rs. 2.59 Crore
Amount for need-based activities	Rs. 1,68,000 (This amount will be spent over a period of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.08	1.64	2.94	61,152	48,216	100%
2	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%

3	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
4	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
5	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
Total Reserves				**2,47,054.08**	**1,94,792.64**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. 73M/16		
Boundary Points	**Co-ordinates**	
	Latitude	**Longitude**
A	**23°10'25.69"N**	**87°56'58.30"E**
B	**23°10'24.55"N**	**87°57'01.66"E**
C	**23°10'18.33"N**	**87°56'59.99"E**
D	**23°10'19.29"N**	**87°56'56.43"E**

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	**Expenditure Area**	**Measures / Considerations**	**Description**		**EMP Cost / Year (₹)**	**Additional EMP of – 1st Year (₹)**	**Additional EMP of – 2nd Year (₹)**
1.	Expenditure on Monitoring Air,	Pollution Monitoring	Air pollution	Yearly at 4 locations for air, 4 loca	60,000	-	-

	Water, Noise, and Soil Pollution at Designated Locations During Mining		Water pollution	tions for water and 2 locations for noise during mining and 1 location for soil.	40,000		
			Noise Pollution		30,000		
			Soil		20,000		
2.	Expenditure Allocation for Plantation Activities and Subsequent Maintenance	Green Belt	Plantation will be carried out in the first two years of the project tenure, followed by three years of maintenance		62,000	18,000	18,000
3.	Expenditure on Road Maintenance, Traffic Control & Water Sprinkling	Road maintenance	Includes pothole repairs, road resurfacing and sealing, drainage cleaning, material costs (asphalt, gravel, etc.), and labour with machinery		1,00,000	-	-
		Water sprinkling	Water sprinkling will be done at approach road during the lease period in phases		50,000	-	-
4.	Expenditure on Medical Services in Schools	Health Camp at Shaktigarh Girls High School	Free health check-ups & Prescribed medicines (once yearly)		-	1,50,000	-
		Health Camp at Barsul C.D.P High School	Free health check-ups & Prescribed medicines (once yearly)		-	-	1,50,000
Grand Total (EMP cost per year and additional EMP cost per year)					**3,62,000**	**1,68,000**	**1,68,000**

3.25.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/09/2025

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC considered the submission made by the PP in the 85th meeting of SEAC, WB (2023-2026) held on 18.09.2025. After careful consideration and detailed deliberation, the SEAC recommended that **revised need based EMP should be submitted as discussed in the meeting**.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3.25.4. Deliberations by the SEAC in current meetings

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that -

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.25.5. Recommendation of SEAC

Recommended

3.25.6. Details of Environment Conditions

3.25.6.1. Specific

General Conditions:	
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining

area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.

7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.

9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.

10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.

11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.

12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)

13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at

the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be

installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. 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.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The 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.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical

examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIIH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six monthly compliance report :-

1) **The validity of EC will be for 5 years.**

2) **Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.**

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Ashif Mondal (M/S Mondal Traders)
Address	Vill. + Post. - Saktigarh, Barshul-2, Bardhaman, West Bengal, Pin- 713149
Email	mondaltraders921@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental	M/s. Chaitanya Projects Consultancy (P) Ltd

Consultant	

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records*.

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.26. Agenda Item No 26:

3.26.1. Details of the proposal

Gaitanpur Sand Mine by **KRISHNA SOM** located at **PURBA BARDHAMAN,WEST BENGAL**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity Sub-Activity (Schedule Item)**
SIA/WB/MIN/540791/2025	2N-11/2025(E)	23/08/2025	Mining of minerals Non-Coal Mining (Minor Minerals- river bed mining) (1(a))

3.26.2. Project Salient Features

- **The project is falling within the DSR potential zone code PBBD_BD1_DA_10(XB).**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA. The nearest RFA – BURDWAN is at a distance of 4.88 KM.**
- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Gaitanpur Sand Mine
Project proponent	New Kalimata Sand Supply (Prop. – Krishna Som)
Location of the project	Mouza- Gaitanpur, P.S.- Khandaghosh, District – Purba Bardhaman, State – West Bengal.

Project Area	2.70 Ha/ 6.66 Acres
Name of the river	Damodar
DSR potential zone code	PBBD _BD1_DA_10(XB)
Proposed area for green belt/plantation	0.89 Ha
No. of saplings proposed	2,226 (in total)
Amount for plantation	Rs. 4,45,200 (total in 5 years)
Total Project Cost	Rs. 3.61 Crore
Amount for need-based activities	Rs. 7,22,000 (This amount will be spent over a p eriod of 2 years)

- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.70	2.20	2.90	78,300	63,800	100%
2	2.70	2.20	2.2475	60,682.5	49,445	77.50%
3	2.70	2.20	2.2475	60,682.5	49,445	77.50%
4	2.70	2.20	2.2475	60,682.5	49,445	77.50%

5	2.70	2.20	2.2475	60,682.5	49,445	77.50%
Total Reserves				**3,21,030**	**2,61,580**	

- As per the Mining Plan including Mine Closure Plan, the cardinal points of the mining lease area are given below :-

Toposheet No. (73M/14)		
Point	**Latitude**	**Longitude**
A	**23°13'51.04"N**	**87°48'32.24"E**
B	**23°13'50.41"N**	**87°48'40.39"E**
C	**23°13'46.15"N**	**87°48'38.97"E**
D	**23°13'47.81"N**	**87°48'31.71"E**

- The PP has submitted the need-based EMP, which is given below :

Sl. No.	**Considerations**	**Need Based EMP Cost in Rs. (1st year)**	**Need Based EMP Cost in Rs. (2nd year)**
1.	Conduct free health check-ups and distribute free prescribed medicine at Gaitanpur Sri Mahaprabhu Primary School and in local villages according to their needs- Two times yearly	1,50,000	-
2.	Conduct free health check-ups and distribute free prescribed medicine at Atkullya Harijan F.P. School and in local villages according to their needs- Two times yearly	-	1,50,000

3.	Pond Restoration	1,20,000	-
4.	Providing new toilet at Atkullya Harijan F.P. School	-	1,20,000
5.	Install and maintain drinking water facilities at Gaitanpur village	91,000	-
6.	Free computer training to local village student	-	91,000
Total/Year in Rs.		**3,61,000**	**3,61,000**
Total in 2 years		**7,22,000**	

3.26.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :27/08/2025

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 83rd meeting of SEAC, WB (2023-2026) held on 27.08.2025. After careful consideration and detailed deliberation, the committee recommended that the PP should submit the following :-

1) The letter to the beneficiaries addressed by the PP does not contain any signature. Fresh signed letter to the beneficiaries should be issued and their consent received.

2) Communication from beneficiaries should be signed by the respective beneficiaries.

3) Plantation plan for the project for at least 33% of the plot area. Full names of the trees to indicate. Original NOC from gram panchayat with physical signature to submit.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

3.26.4. Deliberations by the SEAC in current meetings

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that -

1. Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto 01.05.2027.**

2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within **01.05.2027.** To enhance success/ survival rate the plantation done shall be taken care of during the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within **01.05.2027**. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

8) Transportation plan should be provided in six monthly compliance report.

9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3.26.5. Recommendation of SEAC

Recommended

3.26.6. Details of Environment Conditions

3.26.6.1. Specific

General Conditions:	
1.	1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan. 7. No river bed mining shall be allowed beneath 3 meters of the river bed. 8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level. 9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority. 10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly. 11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level. 12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining) 13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.

19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.

20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.
Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil

cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

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44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

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54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

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58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

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62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and shown in the surface plan.

64. The PP shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

65. One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan for approval under the West Bengal Minor Mineral Concession Rules, 2016, to the officer authorised by the State Government in this behalf.

66. The PP shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in

accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP shall submit to the Officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance[4] shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

77. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

78. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

79. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

80. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

81. Additional conditions imposed by SEAC –

Following should be submitted along with the six monthly compliance report :-

1) The validity of the EC should be limited upto 01.05.2027.

2) Drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

3) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

4) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

5) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.

6) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha **within 01.05.2027.** To enhance success/ survival rate the plantation done shall be taken care of during the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

7) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

8) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

9) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed **within 01.05.2027.** The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

10) Transportation plan should be provided in six monthly compliance report.

11) Basic amenities, safety and occupational health examinations for labourers to be provided

along with six monthly compliance reports.

12) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

13) Bank line monitoring report should be submitted along with the six-monthly progress reports.

The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	New Kalimata Sand Supply (Prop. – Krishna Som)
Address	Vill- Ibidpur, P.O.- Raina, P.S.- Khandaghosh, Dist- Purba Bardhaman, Pin- 713421.
Email	krishnamine2@gmail.com
Telephone Number / Mobile Number	9800458789
Name of the Environmental Consultant	M/s. Palle Business House.

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records*.

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

4. Any Other Item(s)

N/A

5. List of Attendees

Sr. No.	Name	Designation	Email ID	Remarks
1	Prof Anirban Gupta	Chairman, SEAC	gup*********@hotmail.com	Present.
2	Prof Dr Indranath Sinha	SEAC MEMBER	ind**********@gmail.com	Presen

				t.
3	Aniruddha Mukhopadhyay	SEAC MEMBER	amc********@gmail.com	Present.
4	Pradip Kumar Sikdar	SEAC MEMBER	pra**********@gmail.com	Present.
5	Sampa Chakrabarti	SEAC MEMBER	sam********@gmail.com	Present.
6	Suchandra Bardhan	SEAC MEMBER	suc*******@gmail.com	Present.
7	Subhendu Bandopadhyay	SEAC MEMBER	shu********************@gmail.com	Present.
8	Shri Jagdish Prasad Meena IAS	Member Secretary, SEAC	ms.********@bangla.gov.in	Present.

Minutes of the 89th meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on November 12, 2025 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 89th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 12th November, 2025 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Jagdish Prasad Meena, IAS	Secretary, SEAC	Present
2)	Prof. Anirban Gupta	Chairman, SEAC	Present
3)	Prof. Pradip Sikdar	Member, SEAC	Present
4)	Prof. Sampa Chakrabarti	Member, SEAC	Present
5)	Prof. Indranath Sinha	Member, SEAC	Present
6)	Prof. Suchandra Bardhan	Member, SEAC	Present
7)	Prof. Aniruddha Mukhopadhyay	Member, SEAC	Present
8)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

1) TECHNICAL PRESENTATIONS:-

1.1) Terms of Reference:

1.1.1) Mining of Minerals (other than sand):

I. Proposed Baruagopalpur Blackstone Mine over an area of 4.87 ha (12.034 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal.

Proposal No.: **SIA/WB/MIN/552119/2025**
Project Proponent: **M/s. Westwell Consultants Private Limited.**
Environmental Consultant: **M/s. Palle Business House.**

Activity:

- This is a proposal for Baruagopalpur Blackstone Mine over an area of 4.87 ha (12.034 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal.
- **The project is falling within the DSR potential zone code BH_BS_ZONE_04 and BH_BS_ZONE_03.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – PAKUR is at a distance of 2.01 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 19.08.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.

- Year wise production details of black stone as mentioned in the Mining Plan is given below :-

Year	Bench Details	RL		Average Area (M^2)	Height (M)	Volume (M^3)	Specific Gravity	Mineable Reserves (Mt)	Mining Loss	Extractable Reserves (Mt)	Extractable Reserve (Mt)	Type	Total (Mt)
		From (M)	To (M)										
1st Year	1ST Bench	81	78	4165.62	3	12496.85	2.89	36115.88	2%	35393.57	0.035	Blst	255797.23
	2nd Bench	78	72	5793.66	6	34761.95	2.89	100462.03	2%	98452.79	0.098	Blst	
	3rd Bench	72	66	7176.45	6	43058.71	2.89	124439.67	2%	121950.88	0.122	Blst	
2nd Year	4th Bench	66	60	8911.04	6	53466.22	2.89	154517.38	2%	151427.04	0.151	Blst	356540.70
	5th Bench	60	54	9449.70	6	56698.22	2.89	163857.86	2%	160580.70	0.161	Blst	
	6th Bench	54	52.47	10277.00	1.53	15723.81	2.89	45441.80	2%	44532.96	0.045	Blst	
3rd Year	1ST Bench	81	78	25533.54	3	76600.62	0	0.00	2%	0.00	0.000	Soil	392511.08
	2nd Bench	78	72	23098.13	6	138588.76	2.89	400521.51	2%	392511.08	0.393	Blst	
4th Year	3rd Bench	72	66	21246.74	6	127480.43	2.89	368418.43	2%	361050.06	0.361	Blst	691957.100
	4th Bench	66	60	19472.91	6	116837.46	2.89	337660.25	2%	330907.04	0.331	Blst	
5th Year	5th Bench	60	54	17776.96	6	106661.77	2.89	308252.51	2%	302087.46	0.302	Blst	372107.630
	6th Bench	54	52.47	16158.75	1.53	24722.89	2.89	71449.15	2%	70020.16	0.070	Blst	
TOTAL								**2111136.47**		**2068913.74**			**2068913.74**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The mine block is forming cluster with adjacent 4 (four) no. of mine blocks** of **Smt. Shakila Khatun** having an area of 4.61 ha, **M/s. Khan Stone Supplier** comprising of an area of 4.33 ha., **M/s. Westwell Packs Pvt. Ltd.** having an area of 4.75 ha and **M/s. S. B. Construction and Company** having an area of 4.85 ha respectively**.**

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Baruagopalpur Blackstone Block
Project proponent	Westwell Consultants Pvt. Ltd. (Director- Rajesh Kumar Prasad)
Location of the project	Baruagopalpur, P.S.- Murarai-I, Plot No-4259(P), J.L. No.- 01, District – Birbhum, West Bengal.
Project Area	4.87 Ha/ 12.034 Acres
DSR potential zone code	BH_BS_ZONE_04 and BH_BS_ZONE_03

Proposed area for green belt/plantation	1.90 Ha
No. of saplings proposed	4750 (in total)
Amount for plantation	Rs. 1,187,500 (total in 5 years)
Total Project Capital Cost	Rs. 3.574 Crore
Total Project Cost	Rs. 12.881 Crore
Amount for need-based activities	Rs. 17,87,000 (This amount will be spent over a period of 2 years)

Chronology of Events

- The PP applied in prescribed format for the project for Terms of Reference and uploaded the application in the PARIVESH portal on 28.10.2025.
- The PP was called for the ToR presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

  Mandatory documents

  a) Proper land documents along with land summary should be submitted.

  b) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

  c) Surface and ground water hydrology should be submitted.

  d) Study report on fracture analysis with respect to groundwater flow.

  e) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

  f) Details of backfilling plan is to be indicated.

  g) Dust mitigation plan for the project should be submitted.

  h) Plan and location for storage of the over burden.

  i) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

j) Impact of noise and transportation on the nearby habitation may be studied and submitted.

k) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, habitation, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

l) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation program to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

m) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

n) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

o) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

p) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

q) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

r) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

II. Proposed Baruagopalpur Blackstone Mine over an area of 4.85 ha (11.985 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal.

Proposal No.: **SIA/WB/MIN/555562/2025**
Project Proponent: **M/s. S B Construction And Company.**
Environmental Consultant: **M/s. Palle Business House.**

Activity:

- This is a proposal for Baruagopalpur Blackstone Mine over an area of 4.85 ha (11.985 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal.
- **The project is falling within the DSR potential zone code BH_BS_ZONE_04 and BH_BS_ZONE_03.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – PAKUR is at a distance of 1.56 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 09.09.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- Year wise production details of black stone as mentioned in the Mining Plan is given below :-

Year	Bench Details	RL		Average Area (M^2)	Height (M)	Volume (M^3)	Specific Gravity	Mineable Reserves (Mt)	Mining Loss	Extractable Reserves (Mt)	Extractable Reserve (Mt)	Type	Extractable Reserves Year Wise Total (Mt)
		From (M)	To (M)										
1st Year	1st bench	84	81	22692.30	3	68076.90	0	0.00	2%	0.00	0.000	Soil	631963.78
	2nd bench	81	75	19717.24	6	118303.43	2.89	341896.93	2%	335058.99	0.335	Black stone	
	3rd bench	75	69	17471.98	6	104831.86	2.89	302964.07	2%	296904.79	0.297	Black stone	
2nd Year	4th bench	69	63	15359.36	6	92156.17	2.89	266331.34	2%	261004.72	0.261	Black stone	460379.51
	5th bench	63	57.74	13383.22	5.26	70395.73	2.89	203443.67	2%	199374.79	0.199	Black stone	
3rd Year	1st bench	84	81	17578.73	3	52736.20	0	0.00	2%	0.00	0.000	soil	275820.04
	2nd bench	81	75	16231.20	6	97387.21	2.89	281449.03	2%	275820.04	0.276	Black stone	

4th Year	3rd bench	75	69	15168.30	6	91009.79	2.89	263018.30	2%	257757.93	0.258	Black stone	**497652.50**
	4th bench	69	63	14117.09	6	84702.55	2.89	244790.37	2%	239894.57	0.240	Black stone	
5th Year	5th bench	63	57.74	13081.62	5.26	68809.34	2.89	198858.99	2%	194881.81	0.195	Black stone	**194881.81**
TOTAL								**2102752.70**		**2060697.65**			

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The mine block is forming cluster with adjacent 4 (four) no. of mine blocks** of **Smt. Shakila Khatun** having an area of 4.61 ha, **M/s. Khan Stone Supplier** comprising of an area of 4.33 ha., **M/s. Westwell Packs Pvt. Ltd.** having an area of 4.75 ha and **M/s. Westwell Consultants Pvt. Ltd.** having an area of 4.87 ha respectively**.**

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Baruagopalpur Blackstone Block
Project proponent	S.B. Construction and Company (Through Director- Sanjibur Rahaman))
Location of the project	Baruagopalpur, P.S.- Murarai-I, Plot No-4259(P), J.L. No.- 01, District – Birbhum, State – West Bengal.
Project Area	4.85 Ha/ 11.985 Acres
DSR potential zone code	BH_BS_ZONE_04 and BH_BS_ZONE_03
Proposed area for green belt/plantation	2.23 Ha
No. of saplings proposed	5575 (in total)
Amount for plantation	Rs. 13,94,000 (total in 5 years)
Total Project Capita Cost	Rs. 2.97 Crore
Total Project Cost	Rs. 12.24 Crore
Amount for need-based activities	Rs. 14,85,000 (This amount will be spent over a period of 2 years)

Chronology of Events

- The PP applied in prescribed format for the project for Terms of Reference and uploaded the application in the PARIVESH portal on 29.10.2025.
- The PP was called for the ToR presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

Mandatory documents

a) Proper land documents along with land summary should be submitted.

b) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.

c) Surface and ground water hydrology should be submitted.

d) Study report on fracture analysis with respect to groundwater flow.

e) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

f) Details of backfilling plan is to be indicated.

g) Dust mitigation plan for the project should be submitted.

h) Plan and location for storage of the over burden.

i) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

j) Impact of noise and transportation on the nearby habitation may be studied and submitted.

k) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, habitation, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

l) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

Need based EMP

m) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

n) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

o) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

p) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

q) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

r) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

1.1.2) Industry Sector:

I. Proposed preparation of Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. Connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal.

Proposal No.	**SIA/WB/INFRA1/556343/2025**
Project Proponent -	**Public Works Department.**
Environmental Consultant -	**M/s. Bongs Prayukti International Pvt. Ltd.**

Activity:

- This is a proposal for preparation of Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. Connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal [Starts from Saptagram Triveni Kalna

Katwa (STKK) Road (SH 6) at 35.447 km ends at 35.90 km of NH 12 (Old NH 34) near Gobindapur].

- **The DSS of the PARIVESH portal could not be activated for the project.**

Salient features of the project:

- Salient features of the project proposed by Public Works Department (PWD) of Govt. of West Bengal is as stated below :

Name of Project	Preparation of DPR for the Construction of a Four Lane Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal.
Project location details	Starts from Saptagram Triveni Kalna Katwa (STKK) Road (SH 6) at 35.447 km Ends at 35.90 km of NH 12 (Old NH 34) near Gobindapur
Project Proponent	Govt. of West Bengal, P. W. (Roads) Directorate State Highway Planning
Project Details	Flexible/Rigid Pavement Road Length: 11.85 km Proposed RoW: 36m (on bridge over River Bhagirathi) to 284m (to accommodate entry-exit ramps) Width of carriageway: Four lane Design speed: 80 m/h Total land requirement: 83.4 ha Total Forest area: 0 ha No. of Tunnels: Nil Bridges: 3 major bridges including one over River Bhagirathi (800m long) Total Capital Cost of Project including land acquisition: INR 1000 Crores (Approximate)
Districts Covered	• Purba Bardhaman, and • Nadia
Mouzas	**Purba Bardhaman** (Kalna Side): Barasat, Purba Sahapur, Hanspukur, Kuledah **Nadia** (Santipur Side): Harinadi Bhatsala, Charharipur, Chandkuri, Barhmasasan, Raghunathpur, Bakdevipur, Gabindapur
Nearest Railway stations	• Santipur Rail Station – 1.3 km (South) • Guptipara Rail Station – 2.9 km (East) • Ambika Kalna Rail Station – 2.8 km (West)

Important pilgrim/ tourist Spot	• Nabadwip
	• Mayapur
	  • 108 Shiva temples
	  • Ballal Dhipi
	  • Battle ground of Plassey
	  • Krishnanagar Rajbari
	  • Birth place of Poet Krittibas at Fulia Ghurni

Salient Features of the Proposed Alignment	• The selected alignment originates from S.T.K.K road (SH 6) at 35.447 km under P.W. (Roads) Dte. • The alignment crosses Katwa-Bandel Rail line between the Mast no. 38/23 to 38/25 and 205 m towards right side to the existing Level Crossing (LC) gate no 8/A on ferry ghat road • It subsequently passes through private land, mango orchard, 5.5m wide Chowk Bazar Road under Burdwan Zilla Parishad and brick kiln. • At Santipur side after crossing Bhagirathi river it passes through 5.5 m wide Kalna Ferry ghat road near Nrisinghapur under Nadia Highway Division, PW(R) and vast low land zone • Then it passes large private land having dense mango orchard and finally meets NH 34 at 35.90 km at Govindapur more crossing in Santipur. • Grade separated arrangement is proposed at both ends of the project corridor i.e. at STKK road junction and NH-34 junction • Provision of toll plaza has been kept in between ROB and Bhagirathi Bridge approach • The alignment mostly passes through Danga, Viti, Aush etc. Some private structures will be affected due to the construction of the greenfield highway.

Chronology of Events

- The PP applied in prescribed format for the project for Terms of Reference and uploaded the application in the PARIVESH portal on 29.10.2025.
- The PP was called for the ToR presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions:

Mandatory documents

1. Drone survey report of the project should be submitted.
2. The PP should submit revised point less kml file for the project which should be uploaded in the portal.
3. Undertaking should be submitted regarding the project if it is passing through any ESZ or any other eco sensitive area.
4. Ground water hydrology and surface water hydrology should be submitted.
5. Report on impact of the project on habitation, aquatic life especially Gangetic dolphins etc. should be submitted. Similar study should be done on the nearby oxbow lake. Cost of mitigation measures for flora and fauna.
6. Measurement of all the components proposed to be constructed including breakups of the built-up area of each proposed component.
7. Land use land cover (LULC) changes along-with grade changes, if any, in the Corridor of Impact shall be provided in a tabular format as shown below. PP may suitably expand /modify this format, if necessary:

Existing LULC class and grade (AMSL)	Proposed LULC class and grade (AMSL)	Area (ha/ acres)	Administrative details (name of mouza/ GP / ULB/ planning authority, etc.	Environmental impact (reference to the section/s and page nos. of the EIA report may be cited here)	Mitigation measures (reference to the sections of the EMP report may be cited here)

8. All relevant drawings (plans, sections, elevations including a Master Plan/ Key Plan) of all the proposed components mentioned in the project description (including additional amenities/ facilities, if any) shall be submitted. Drainage and plantation specifics to be highlighted.
9. Any proposed strategies/ measures on the edges of the ROW to prevent cattle/ other animals straying into the road may be particularly suggested.
10. Study of local fauna and their protection during both construction and operational phases shall be submitted.
11. Any local sites/ structures of historical /archaeological interest or lesser known heritages as well as sacred groves, if any, shall be indicated and protected during construction.
12. Tree felling along with all other necessary clearances / permission from the competent authority viz. IWAI, railway authority, NHAI, SWID, BL&LRO, Forest Dept. etc. should be submitted. Proposed plantation to be shown on the map.
13. It is to be mentioned that the banks near the bridge will be fortified using fly ash.
14. Road Lighting and related construction / electrification details of the road construction and bridge should be mentioned with a view to the birds' corridor, if any.
15. Report on R&R issues which will be implemented should be submitted.

Need based EMP

16. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant**.**

1.2) Environmental Clearance:

1.2.1) Mining of Minerals:

1) Proposed Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/191/2016] over an area of 2.12 Hectare/5.25 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.: Nanoor, J.L. No.: 115, District: Birbhum, West Bengal.

Proposal No.: **SIA/WB/MIN/544575/2025**
Project Proponent: **Sk Asraful**
Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/191/2016] over an area of 2.12 Hectare/5.25 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.: Nanoor, J.L. No.: 115, District: Birbhum, West Bengal.
- **The project is falling within the DSR potential zone code BH_NN_AJ_87_88.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – BIRBHUM is at a distance of 1.38 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The plan has been approved by the State Government on 13.05.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.12	1.47	2.50	53,000	36,750	100%
2	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
3	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
4	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
5	2.12	1.47	1.92925	40,900.1	28,359.975	77.17%
Total Reserves				**2,16,600.4**	**1,50,189.9**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 1 (one) no. sand block** of **Bir/Nanoor/Bamunia/192/2016 having Auction ID No.2017_DMB_68, Lot Code No.9**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Bamunia Sand Mine
Project proponent	Sk. Asraful

Location of the project	Mouza- Bamunia, P.S.- Nanoor, District – Birbhum, West Bengal.
Project Area	2.12 Hectare/5.25 Acres
Name of the river	Ajay
DSR potential zone code	BH_NN_AJ_87_88
Proposed area for green belt/plantation	0.70 Ha
No. of saplings proposed	1,750 (in total)
Amount for plantation	Rs. 3,50,000 (total in 5 years)
Total Project Cost	Rs. 1.96 Crore
Amount for need-based activities	Rs. 3,92,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied for EC in prescribed format and uploaded the proposal in the PARIVESH portal on 30.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –
  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.
- The following documents should also be submitted along with the six-monthly compliance report:
  1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
  2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.
  3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the

rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
7) Transportation plan should be provided in six monthly compliance report.
8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

2) Proposed D Bhasapur Sand Mine [Sand Block No.: GALSI-II/D BHASAPUR/439(P), 765(P)/C] over an area of 3.52 Hectares/8.71 Acres on river Damodar at Plot No: 439(P), 765(P), J.L. No.-79, Mouza: D Bhasapur, P.S. Galsi, District: Purba Bardhaman, West Bengal.

Proposal No.:	**SIA/WB/MIN/555267/2025**
Project Proponent:	**M/s. Maihar Developers**
Environmental Consultant:	**M/s. Chaitanya Projects Consultancy Limited.**

Activities:

- This is a proposal for D Bhasapur Sand Mine [Sand Block No.: GALSI-II/D BHASAPUR/439(P), 765(P)/C] over an area of 3.52 Hectares/8.71 Acres on river Damodar at Plot No: 439(P), 765(P), J.L. No.-79, Mouza: D Bhasapur, P.S. Galsi, District: Purba Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PBBD_GL2_DA_03_04.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 08.08.2024 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	3.52	2.87	2.88	1,01,376	82,656	100%
2	3.52	2.87	2.16	76,032	61,992	75%
3	3.52	2.87	2.16	76,032	61,992	75%
4	3.52	2.87	2.16	76,032	61,992	75%
5	3.52	2.87	2.16	76,032	61,992	75%
Total Reserves				**4,05,504**	**3,30,624**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks** of **Nimai Kumar Mahato** (2016_DMBUW_188/Purba Bardhaman) and **M/s. Ambey Abasan Pvt. Ltd.** (2017_DMBUW_445/Purba Bardhaman).
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	D Bhasapur Sand Mine
Project proponent	Anil Kumar Singh
Location of the project	Mouza- D Bhasapur, P.S.- Galsi, District – Purba Bardhaman, State – West Bengal.
Project Area	3.52 Hectare/8.71 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_GL2_DA_03_04
Proposed area for green belt/plantation	1.16 Ha
No. of saplings proposed	2,900 (in total)
Amount for plantation	Rs. 5,80,000 (total in 5 years)
Total Project Cost	Rs. 5.13 Crore
Amount for need-based activities	Rs. 10,26,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 30.08.2024 (Proposal no. SIA/WB/MIN/494395/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5462600N Dated: 23.10.2025.

- Public Hearing was conducted by WBPCB on 03.04.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 31.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, **the committee recommended that the PP should submit proper pointless kml file for the project, so that the project can be evaluated in the DSS**.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

3) Proposed Jujuti Sand Mine [Sand Block Code. GALSI-II/JUJUTI/1114(P)/H] over an area of 3.93 Hectare/9.70 Acres on river Damodar at Plot No: 1114(P), J.L. No.-123, Mouza: Jujuti, P.S: Galsi, District: Purba Bardhaman, West Bengal.

Proposal No.: **SIA/WB/MIN/546782/2025**
Project Proponent: **Mona Hembram**
Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Jujuti Sand Mine [Sand Block Code. GALSI-II/JUJUTI/1114(P)/H] over an area of 3.93 Hectare/9.70 Acres on river Damodar at Plot No: 1114(P), J.L. No.-123, Mouza: Jujuti, P.S: Galsi, District: Purba Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PBBD_GL2_DA_06.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA WII.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 16.01.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	3.93	3.23	2.88	1,13,184	93,024	100%

2	3.93	3.23	2.16	84,888	69,768	75%
3	3.93	3.23	2.16	84,888	69,768	75%
4	3.93	3.23	2.16	84,888	69,768	75%
5	3.93	3.23	2.16	84,888	69,768	75%
Total Reserves				**4,52,736**	**3,72,096**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has submitted copy of LoI dated 09.03.2017**.**
- **The PP has received lease deed for the project for a period of 5 (five) years from 20.04.2022.**
- The PP has obtained EC issued by DEIAA vide Memo No. MISC/1813/MM/DEIAA/2017 dated 18.12.2017.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks** of **MIN_EBUR_51A** of M/s. WBMDTCL and **MIN_EBUR_5IB** of M/s. WBMDTCL.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Jujuti Sand Mine
Project proponent	Mona Hembram
Location of the project	Mouza- Jujuti, P.S.- Galsi, District – Purba Bardhaman, State – West Bengal.
Project Area	3.93 Ha/ 9.70 Acres
Name of the river	Damodar
DSR potential zone code	PBBD _GL2_DA_06
Proposed area for green belt/plantation	1.30 Ha
No. of saplings proposed	3,250 (in total)
Amount for plantation	Rs. 6,50,000 (total in 5 years)
Total Project Cost	Rs. 4.80 Crore
Amount for need-based activities	Rs. 9,60,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 20.01.2025 (Proposal no. SIA/WB/MIN/502205/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5890873N Dated: 25.02.2025.
- Public Hearing was conducted by WBPCB on 30.06.2025.

- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that -
  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.
- The following documents should also be submitted along with the six-monthly compliance report:
  1) **The validity of the EC should be limited upto 19.04.2027.**
  2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
  3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.
  4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within **19.04.2027**. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.
  5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
  6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within **19.04.2027**. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
  8) Transportation plan should be provided in six monthly compliance report.

9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

4) Proposed Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/192/2016] over an area of 2.20 Hectare/5.43 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.- Nanoor, J.L. No.- 115, District: Birbhum, West Bengal.

Proposal No.: **SIA/WB/MIN/509580/2025**
Project Proponent: **M/s. Ankur Biochem Private Limited**
Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/192/2016] over an area of 2.20 Hectare/5.43 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.- Nanoor, J.L. No.- 115, District: Birbhum, West Bengal.
- **The project is falling within the DSR potential zone code BH_NN_AJ_87_88.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – BIRBHUM is at a distance of 1.81 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 13.05.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.20	1.60	2.50	55,000	40,000	100%
2	2.20	1.60	1.92925	42,443.5	30,868	77.17%
3	2.20	1.60	1.92925	42,443.5	30,868	77.17%
4	2.20	1.60	1.92925	42,443.5	30,868	77.17%
5	2.20	1.60	1.92925	42,443.5	30,868	77.17%
Total Reserves				**2,24,774**	**1,63,472**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has submitted copy of LoI dated 30.03.2017**.**
- **The PP has received lease deed for the project for a period of 5 (five) years from 05.02.2024.**
- The PP has obtained EC issued by DEIAA vide Memo No. 828/S/SDO.Suri(Sadar)/2016 dated 17.05.2017.

- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 1 (one) no. sand block** of **Bir/Nanoor/Bamunia/191/2016 having Auction ID No.2018_DMB_869**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Bamunia Sand Mine
Project proponent	Ankur Biochem Pvt. Ltd. Director- Abhishek Sharma
Location of the project	Mouza- Bamunia, P.S.- Nanoor, District – Birbhum, State – West Bengal.
Project Area	2.20 Hectare/5.43 Acres
Name of the river	Ajay
DSR potential zone code	BH_NN_AJ_87_88
Proposed area for green belt/plantation	0.73 Ha
No. of saplings proposed	1,826 (in total)
Amount for plantation	Rs. 3,65,000 (total in 5 years)
Total Project Cost	Rs. 2.61 Crore
Amount for need-based activities	Rs. 5,22,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied for EC in prescribed format and uploaded the proposal in the PARIVESH portal on 30.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –

  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto 24.02.2029.**
2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.
4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.
5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
8) Transportation plan should be provided in six monthly compliance report.
9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

3) Proposed WB_PB_AJ_A1 Sand Mine over an area of 21.35 ha (52.76 acres) on the Ajay River bed at Plot no: 1109, J.L. No. - 13, Mouza: Putulia, Block & P.S.: Barabani, District: Paschim Bardhaman, West Bengal.

Proposal No.	**SIA/WB/MIN/547793/2025**
Project Proponent -	**M/s. West Bengal Mineral Development & Trading Corporation Limited.**
Environmental Consultant -	**M/s. Centre for Envotech and Management Consultancy Private Limited**

Activity:

- This is a proposal for WB_PB_AJ_A1 Sand Mine over an area of 21.35 ha (52.76 acres) on the Ajay River bed at Plot no: 1109, J.L. No. - 13, Mouza: Putulia, Block & P.S.: Barabani, District: Paschim Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.55 km.**
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689-ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The plan has been approved by the State Government on 21.05.2024 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

Year	Total Area (Ha)	Thickness (M)	Replenishment Rate (%)	Geological Resource (Cum)
1	21.35	3	100	**640500**
2	21.35	2.22	74	**473970**
3	21.35	2.22	74	**473970**
4	21.35	2.22	74	**473970**
5	21.35	2.22	74	**473970**
TOTAL GEOLOGICAL RESOURCE				**2536380**

Mineable reserves / Annual Production of the sand mine

Year	Average Mineable Area (Ha)	Thickness (M)	Replenishment Rate (%)	Mineable reserves (Cum)	Annual Production (Cum)
1	18.52	3	100	**555600**	**555600**
2	18.52	2.22	74	**411144**	**411144**
3	18.52	2.22	74	**411144**	**411144**
4	18.52	2.22	74	**411144**	**411144**
5	18.52	2.22	74	**411144**	**411144**
TOTAL MINEABLE RESERVE				**2200176**	**2200176**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted undertaking for need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	WB_PB_AJ_A1 Sand Mine
Project proponent	West Bengal Mineral Development and Trading Corporation Limited
Location of the project	Mouza – Putulia, J.L No: 13, Plot: 1109, P.S.- Barabani, Block -Barabani, Dist – Paschim Bardhaman, West Bengal.
Project Area	21.35
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green belt/plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	7075
Amount for plantation	Rs.5,00,000/-
Total Project Cost	Rs.9,96,60,298/-
Amount for need-based activities	Rs.19,93,206/-

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 12.07.2024 (proposal no. SIA/WB/MIN/486218/2024).
- The PP obtained Terms of Reference issued by SEIAA vide TOR Identification No. TO24B0107WB5972293N dated 18/09/2024.
- Public Hearing was conducted by WBPCB on 24.04.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC observed that a part of the project is crossing the interstate boundary and falling within the state of Jharkhand. Therefore, the committee recommended that **the PP should submitted necessary clarification in this regard and a letter from the competent authority regarding the jurisdiction of the project**.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

  All the documents should be duly signed both by the project proponent and the environmental consultant.

4) Proposed Chabukya Sand Mine [Sand Block No. MSHB-12] over an area of 4.51 Hectare/ 11.14 Acres (after surrendering project area is 4.45 Hectare/ 10.99 Acres) on river Subarnarekha at Plot no: 425(P) in Mouza: Chabukya, P.S.- Sankrail, J.L. No.- 67, District: Jhargram, West Bengal.

Proposal No.: **SIA/WB/MIN/545802/2025**
Project Proponent: **Prashanta Mondal**
Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Chabukya Sand Mine [Sand Block No. MSHB-12] over an area of 4.51 Hectare/ 11.14 Acres (**after surrendering** p**roject area is 4.45 Hectare/ 10.99 Acres**) on river Subarnarekha at Plot no: 425(P) in Mouza: Chabukya, P.S.- Sankrail, J.L. No.- 67, District: Jhargram, West Bengal.
- **The project is falling within the DSR potential zone code JR_SK_SR_31.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 15.01.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Project Area after surrender (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	4.45	3.82	2.50	1,11,250	95,500	100%
2	4.45	3.82	1.84175	81,957.875	70,354.85	73.67%
3	4.45	3.82	1.84175	81,957.875	70,354.85	73.67%
4	4.45	3.82	1.84175	81,957.875	70,354.85	73.67%
5	4.45	3.82	1.84175	81,957.875	70,354.85	73.67%
Total Reserves				**4,39,081.5**	**3,76,919.4**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks** of **MSHB-14 (117/SB2021)** and **MSHB-15 (118/SB2021)**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Chabukya Sand Mine
Project proponent	Prashanta Mondal
Location of the project	Mouza- Chabukya, P.S.- Sankrail, District-Jhargram, State- West Bengal.
Project Area	4.45 Hectare/10.99 Acres
Name of the river	Subarnarekha
DSR potential zone code	PBBD_GL2_DA_03_04
Proposed area for green belt/plantation	1.47 Ha
No. of saplings proposed	3,676 (in total)
Amount for plantation	Rs. 7,35,000 (total in 5 years)
Total Project Cost	Rs. 5.84 Crore
Amount for need-based activities	Rs. 11,68,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 27.01.2025 (Proposal no. SIA/WB/MIN/519892/202).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO25B0107WB5553672N Dated: 07.03.2025.
- Public Hearing was conducted by WBPCB on 04.07.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, **the committee recommended that the PP should submit the following :**

  1. Proper pointless kml file for the project, so that the project can be evaluated in the DSS.
  2. Details of land proposed for plantation.

  The SEAC recommended that the above documents should be submitted in the PARIVESH portal for further consideration of the application.

5) Proposed Putulia Sand Mine over an area of 3.55 ha (8.77 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza: Putulia, P.S.: Barabani, District: Paschim Bardhaman, West Bengal.

Proposal No.:	**SIA/WB/MIN/551187/2025**
Project Proponent:	**Anil Kumar Singh**
Environmental Consultant:	**M/s. Centre for Envotech and Management Consultancy Private Limited.**

Activities:

- This is a proposal for Putulia Sand Mine over an area of 3.55 ha (8.77 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza: Putulia, P.S.: Barabani, District: Paschim Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.68 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 19.12.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Geological resource:

Year	Total area (ha)	Thickness (m)	Replenishment rate (%)	Geological resource in m3
1	3.55	3	100	106500
2	3.55	2.22	74	78810
3	3.55	2.22	74	78810
4	3.55	2.22	74	78810
5	3.55	2.22	74	78810
Total Geological Resource				**421740**

Mineable Reserve

Year	Average Mineable area (ha)	Thickness (m)	Replenishment rate (%)	Mineable reserve (Cum)	Annual Production (Cum)
1	2.79	3	100	83700	83700
2	2.79	2.22	74	61938	61938
3	2.79	2.22	74	61938	61938
4	2.79	2.22	74	61938	61938
5	2.79	2.22	74	61938	61938
Total Mineable Reserve				**331452**	**331452**

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks – Putulia Sand Mine of M/s. Saran Alcohol Pvt. Ltd. and Putulia Sand Mine of M/s. Sreenathji Distributors**.

- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Putulia Sand Mine
Project proponent	Maihar Developers Prop. Anil Kumar Singh
Location of the project	Mouza – Putulia, P.S.- Barabani, Block -Barabani, Dist – Paschim Bardhaman, West Bengal.
Project Area	3.55
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green belt/plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	1900
Amount for plantation	Rs.2,00,000/-
Total Project Cost	Rs.1,25,88,747/-
Amount for need-based activities	Rs.2,51,775/-

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 10.06.2024 (Proposal no. SIA/WB/MIN/ 479397/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5449030N Dated: 23.07.2024.
- Public Hearing was conducted by WBPCB on 23.12.2024.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 17.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, **the SEAC observed that the PP has not submitted proper reply to the additional ToR conditions given by the committee. No specific commitment regarding plantation was uploaded by the PP**.

There is a mismatch regarding the species of the trees to be planted. It should be made uniform. Rented land should not be used for plantation. An undertaking and NOC from Panchayat should be provided.

Hence the committee recommended that the PP should submitted necessary clarification regarding the above.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

6) Proposed Balia Sand Mine [Sand Block No.: MGB-60] over an area of 4.52 Hectare/11.17 Acres on river Subarnarekha at plot no: 982(P) & 1283(P), J.L. No-156, Mouza: Balia, P.S.-Beliaberah, District- Jhargram, West Bengal.

Proposal No.: **SIA/WB/MIN/553277/2025**
Project Proponent: **M/s. Greego Drive Private Limited**
Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Balia Sand Mine [Sand Block No.: MGB-60] over an area of 4.52 Hectare/11.17 Acres on river Subarnarekha at plot no: 982(P) & 1283(P), J.L. No-156, Mouza: Balia, P.S.-Beliaberah, District- Jhargram, West Bengal.
- **The project is falling within the DSR potential zone code JR_GB2_SR_16_18.**
- **The PP could not upload proper kml file, due to which the DSS of the PARIVESH portal could not be evaluated.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 04.10.2024 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	4.52	3.87	2.50	1,13,000	96,750	100%
2	4.52	3.87	1.84175	83,247.1	71,275.725	73.67%
3	4.52	3.87	1.84175	83,247.1	71,276.725	73.67%
4	4.52	3.87	1.84175	83,247.1	71,276.725	73.67%
5	4.52	3.87	1.84175	83,247.1	71,276.725	73.67%
Total Reserves				**4,45,988.4**	**3,81,852.9**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.

- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks** of **MGB-56(86/SB2021)** and **MGB-59(76/SB2021)**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Balia Sand Mine
Project proponent	M/S Greego Drive Pvt. Ltd.
Location of the project	Mouza- Balia, P.S.- Beliaberah, District – Jhargram, State – West Bengal.
Project Area	4.52Ha/11.17 Acres
Name of the river	Subarnarekha
DSR potential zone code	JR_GB2_SR_16_18
Proposed area for green belt/plantation	1.49 Ha
No. of saplings proposed	3,726 (in total)
Amount for plantation	Rs. 7,45,200 (total in 5 years)
Total Project Cost	Rs. 5.65 Crore
Amount for need-based activities	Rs. 11,30,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 17.10.2024 (Proposal no. SIA/WB/MIN/501089/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5690259N Dated: 24.12.2024.
- Public Hearing was conducted by WBPCB on 30.04.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 17.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed

deliberation, **the committee observed that the project location falls within RFA-JHARGRAM Division. Also instream mining is observed from the kml file.**

- Hence the SEAC recommended that the PP should submit the following :

  1. Proper pointless kml file for the project, so that the project can be evaluated in the DSS.
  2. Necessary clearance / permission from DFO.
  3. The positional variation round the year of the project site vis a vis the river course with monthly satellite imagery of at least last twelve months in order to establish that the river course is not disturbed for the project activities.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

7) Proposed Putulia Sand Mine over an area of 3.79 ha (9.36 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza - Putulia, P.S. - Barabani, District - Paschim Bardhaman, West Bengal.

Proposal No.:	**SIA/WB/MIN/551219/2025**
Project Proponent:	**Amarendra Tiwari**
Environmental Consultant:	**M/s. Centre for Envotech and Management Consultancy Private Limited.**

Activities:

- This is a proposal for Putulia Sand Mine over an area of 3.79 ha (9.36 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza - Putulia, P.S. - Barabani, District - Paschim Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PSBD_BR_AJ_05B_05C_05D_05E.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 0.43 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 19.12.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine

Year	Total area (Ha)	Thickness (M)	Replenishment Rate (%)	Geological Resource (cum)
1	3.79	3	100	**113700**
2	3.79	2.22	74	**84138**
3	3.79	2.22	74	**84138**
4	3.79	2.22	74	**84138**
5	3.79	2.22	74	**84138**
Total Geological Resource				**450252**

Mineable Reserve / Annual Production of the sand deposit.

Year	Average Mineable Area (ha)	Thickness (M)	Replenishment Rate %	Mineable Reserves (Cum)	Annual Production (Cum)
1	3.03	3	100	90900	90900
2	3.03	2.22	74	**67266**	**67266**
3	3.03	2.22	74	**67266**	**67266**
4	3.03	2.22	74	**67266**	**67266**
5	3.03	2.22	74	**67266**	**67266**
Total Mineable Reserve				**359964**	**359964**

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks – Putulia Sand Mine of M/s. Maihar Developers and Putulia Sand Mine of M/s. Sreenathji Distributors**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Putulia Sand Mine
Project proponent	M/s. Saran Alcohol Pvt.Ltd. Prop. Amrendra Tiwari
Location of the project	Plot no: 1108(P), J.L. No. - 13, Mouza - Putulia, P.S. - Barabani, District - Paschim Bardhaman, West Bengal.
Project Area	3.79 ha
Name of the river	Ajay
DSR potential zone code	PSBD_BR_AJ_05B_05C_05D_05E
Proposed area for green belt/plantation	No of plants- 1900 (Panchayat Land)
No. of saplings proposed	1900
Amount for plantation	Rs.2,00,000/-
Total Project Cost	Rs.89,57,843/-
Amount for need-based activities	Rs.1,79,157/-

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 31.05.2024 (Proposal no. SIA/WB/MIN/473925/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5105839N Dated: 12.08.2024.

- Public Hearing was conducted by WBPCB on 23.12.2024.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 18.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the **SEAC observed that the PP has not submitted proper reply to the additional ToR conditions given by the committee. No specific commitment regarding plantation was uploaded by the PP**.

  There is a mismatch regarding the species of the trees to be planted. It should be made uniform. Rented land should not be used for plantation. An undertaking and NOC from Panchayat should be provided.

  A combined transportation plan is required.

  Hence the committee recommended that the PP should submitted necessary clarification regarding the above.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

  All the documents should be duly signed both by the project proponent and the environmental consultant

8) Proposed Selimabad Sand mine [Sand Block No.: JAMALPUR/SELIMABAD/952(P), 953(P)/A] over an area of 2.18 Hectare/5.39 Acres (after surrendering the project area is 1.92 ha /4.74 acres) on river Damodar at plot no: 952(P), 953(P), J.L. No.-30, Mouza: Selimabad, P.S. Jamalpur, District: Purba Bardhaman, West Bengal.

Proposal No.:	**SIA/WB/MIN/551390/2025**
Project Proponent:	**M/s. Maa Durga Coal Traders (Prop: Jitendra Kumar Mishra)**
Environmental Consultant:	**M/s. Palle Business House.**

Activities:

- This is a proposal for Selimabad Sand mine [Sand Block No.: JAMALPUR/SELIMABAD/952(P), 953(P)/A] over an area of 2.18 Hectare/5.39 Acres **(after surrendering the project area is 1.92 ha /4.74 acres)** on river Damodar at plot no: 952(P), 953(P), J.L. No.-30, Mouza: Selimabad, P.S. Jamalpur, District: Purba Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PBBD_JL_DA_18C.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA WII.**

- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 26.03.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	1.92	1.52	2.94	56,448	44,688	100%
2	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
3	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
4	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
5	1.92	1.52	2.2344	42,900.48	33,962.88	76.00%
Total Reserves				**2,28,049.92**	**1,80,539.52**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 2 (two) no. sand blocks** of **Manas Kumar Dhara (2018_WB_965) and Sk. Islam Hossen (2018_WB_1001)**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Selimabad Sand Mine
Project proponent	M/s. Maa Durga Coal Traders (Prop: Jitendra Kumar Mishra)
Location of the project	Mouza- Selimabad, P.S.- Jamalpur, District – Purba Bardhaman, State – West Bengal.
Total Area	2.18 Ha/5.39 Acres
Project Area	1.92 Ha/4.74 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_JL_DA_18C
Proposed area for green belt/plantation	0.63 Ha
No. of saplings proposed	1,576 (in total)
Amount for plantation	Rs. 3,15,200 (total in 5 years)
Total Project Cost	Rs. 3.01 Crore
Amount for need-based activities	Rs. 6,02,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 30.07.2024 (Proposal no. SIA/WB/MIN/488176/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5575263N Dated: 17.06.2025.
- Public Hearing was conducted by WBPCB on 20.08.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 20.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –
  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.
- The following documents should also be submitted along with the six-monthly compliance report:
  1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
  2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.
  3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.
  4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

9) Proposed Katna Sand Block 0117DR009 comprising an area of 2.49 Hectare (6.15 Acres) on Dwarakeswar River at J. L. No. – 79, Plot No. 1047 (p), Mouza – Katna, Village – Katna, Police Station – Bishnupur, District – Bankura, West Bengal.

Proposal No.: **SIA/WB/MIN/549910/2025**
Project Proponent: **Prasenjit Maji**
Environmental Consultant: **M/s. Indian Mine Planners And Consultant.**

Activities:

- This is a proposal for Katna Sand Block 0117DR009 comprising an area of 2.49 Hectare (6.15 Acres) on Dwarakeswar River at J. L. No. – 79, Plot No. 1047 (p), Mouza – Katna, Village – Katna, Police Station – Bishnupur, District – Bankura, West Bengal.
- **The project is falling within the DSR potential zone code BNK_DW_BSP_16.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – PANCHET is at a distance of 0.66 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 20.03.2024 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Geological Resource of the sand mine :

Year	Total volume of the area (cum)	Replenishment rate (%)	Geological Resource (Cum)
1	74700	100	74700
2	74700	78.20	58415.40
3	74700	78.20	58415.40
4	74700	78.20	58415.40
5	74700	78.20	58415.40

Total Geological Resource	308361.60

Mineable Reserve and annual production of the sand mine

Year	Total volume inside 7.5 m Berm after maintaining 45° slope (cum)	Replenishment Rate (%)	Mineable Reserve (cum)	Annual production (cum)
1	58566	100	58566	58566
2	58566	78.20	45798.612	45798.612
3	58566	78.20	45798.612	45798.612
4	58566	78.20	45798.612	45798.612
5	58566	78.20	45798.612	45798.612
Total Mineable Reserve			**241760.448**	**241760.448**

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 3 (three) no. of sand blocks** having BID ID of 2018_WB_1197/Bankura of **Bose Enterprise**, 2018_WB_1196/Bankura of **Debraj Enterprise** and 2018_WB_1199/Bankura of **Patit Makur**.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Katna Sand Block 0117DR009
Project proponent	Prasenjit Maji (Project Proponent)
Location of the project	J. L. No. – 79, Plot No. 1047 (p), Mouza – Katna, Village – Katna, Police Station – Bishnupur, District – Bankura, West Bengal.
Project Area	2.49 Hectare
Name of the river	Dwarakeswar River
DSR potential zone code	BNK_DW_BSP_16
Proposed area for green belt/plantation	0.8217 Hectare
No. of saplings proposed	2,054
Amount for plantation	Rs.2,05,400/-
Total Project Cost	Rs.9.93 Crore
Amount for need-based activities	Rs.19.87 Lakhs

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 07.03.2025 (Proposal no. SIA/WB/MIN/524577/2025).

- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO25B0107WB5352203N Dated: 16.04.2025.
- Public Hearing was conducted by WBPCB on 13.06.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 23.10.2025.
- The PP was called for the EC presentation in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that –
  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.
- The following documents should also be submitted along with the six-monthly compliance report:
  1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
  2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report. The base flow data should be submitted as per the prescribed format.
  3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.
  4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
  5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be

derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

7) Transportation plan should be provided in six monthly compliance report.

8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

1.2.2) Mining of Minerals (Other than sand):

I. Proposed Panchapani Black Stone Mine comprising of an area of 3.921 Ha. (9.69 Acres) at Plot No. – 952, 953, 1048, 1049, 1051, 1052, 1054, 1055, 1057, 1062, Mouza – Panchapani, P.S. – Belpahari Block- Binpur-II, J.L. No. -04, District – Jhargram, West Bengal.

Proposal No. **SIA/WB/MIN/555310/2025**
Project Proponent - **M/s. Reach Dredging limited.**
Environmental Consultant - **M/s. P and M Solutions**

Activity:

- This is a proposal for Panchapani Black Stone Mine comprising of an area of 3.921 Ha. (9.69 Acres) at Plot No. – 952, 953, 1048, 1049, 1051, 1052, 1054, 1055, 1057, 1062, Mouza – Panchapani, P.S. – Belpahari Block- Binpur-II, J.L. No. -04, District – Jhargram, West Bengal.
- **The project is falling within the DSR potential zone code JH_BS_ZONE_04.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA SOUTH is at a distance of 0.44 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 05.05.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP. **The reserves and production figures in the mine plan has been given for a period of four years**.
- Year wise production details of Black stone as mentioned in the Mining Plan is given below :-

Year/ Period	RL Difference		RL wise Cumulative Working Area	RL wise Net Working Average Area	Bench Height	RL wise Extractable Volume	Cumulative Extractable Volume	Depleted Volume	Net Extractable Volume	Mining (Slope) + Geological Loss (2.0%)	Net Extractable Volume	Net Extractable Quantity
	From	To										
	in (M)	in (M)	in (M^2)	in (M^2)	in (M)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (MT)
1st	North						74,460	0	74,460	1,490	72,970	253,207
	229	223	1,600	1,600	6	9,600						

	223	217	940	940	6	5,640						
	South-East											
	229	223	2290	2290	6	13,740						
	223	217	1,510	1,510	6	9,060						
	217	211	870	870	6	5,220						
	South											
	229	223	5960	3670	6	22,020						
	223	217	1530	1530	6	9180						
2nd	South						74,400	0	74,400	1,488	72,912	253,003
	229	223	8,910	2,950	6	17,700						
	223	217	5,040	3510	6	21,060						
	217	211	3860	3660	6	23,160						
	211	205	2080	2080	6	12,480						
3rd	South						73,980	0	73,980	1,480	72,500	251,575
	211	205	2860	780	6	4680						
	205	199	2010	2010	6	12060						
	199	193	1280	1280	6	7680						
	South-West											
	229	223	17170	8260	6	49560						
4th	South-West						50,340	0	50,340	1,006	49,333	171,187
	223	217	10370	5330	6	31,980						
	217	211	3060	3060	6	18,360						
Total					**36**	**273,180**	**273,180**	**0**	**273,180**	**5,465**	**267,715**	**928,972**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.
- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mine block.**
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Panchapani Black Stone Mine
Location of the project	Mouza – Panchapani, P.S. – Belpahari, Block-Binpur-Ii, District – Jhargram, West Bengal, J.L. No. - 04, Plot No. – 952, 953, 1048, 1049, 1051, 1052, 1054, 1055, 1057, 1062.
Project proponent Details	M/S. Reach Dredging Limited 9, 1, Ideal Centre, AJC Bose Road, Kolkata, West Bengal, 700017
Project Area	3.921 Ha. (9.69 Acres)
Name of the river	Tarafeni River
DSR potential zone code	JH_BS_ZONE_ 4

Proposed area for green belt/plantation	1.88
No. of saplings proposed	4700
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 186.80 Lakhs
Amount for need-based activities	Rs. 3.74 Lakhs

Chronology of Events

- The PP applied in prescribed format for the project for Environmental Clearance and uploaded the application in the PARIVESH portal on 16.10.2025.
- The PP was called for the EC presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

  Mandatory documents

  1) Proper land documents in the name of the PP should be submitted.
  2) As discussed in the meeting, the matured trees around the existing waterbody should be suitably transplanted in the safety zone or other earmarked plantation areas.

  Need based EMP

  3) Specific need-based activities for the proposed project clearly indicating the beneficiaries involved. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

  All the documents should be duly signed both by the project proponent and the environmental consultant.

  The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

II. Proposed Ramchandrapur Black Stone Mine over an extent of 3.060 Ha (7.58 acres) at Mouza - Ramchandrapur, PS & Block –Mejia, J.L. No.- 65, Plot No. –2901(P), 2901/3061, District –Bankura, West Bengal.

Proposal No. **SIA/WB/MIN/555020/2025**
Project Proponent - **M/s. Maa Durga Infra.**

Environmental Consultant - M/s. P and M Solutions

Activity:

- This is a proposal for Ramchandrapur Black Stone Mine over an extent of 3.060 Ha (7.58 acres) at Mouza - Ramchandrapur, PS & Block –Mejia, J.L. No.- 65, Plot No. – 2901(P), 2901/3061, District –Bankura, West Bengal.
- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 0.75 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 25.09.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- Year wise production details of Black stone as mentioned in the Mining Plan is given below :-

Year/ Period	RL Difference		RL-wise Cumulative Working Area	RL-wise Net Average Working Area	Bench Height	RL-wise Extractable Volume	Cumulative Extractable Volume	Depleted Volume	Extractable Volume	Mining (Slope) + Geological Loss (2.0%)	Net Extractable Volume	Net Extractable Quantity
	From	To										
	in (M)	in (M)	in (M^2)	in (M^2)	in (M)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (MT)
1st	82	76	10,900	10,900	6	65,400	118320	3310	115010	2300.2	112709.8	320095.8
	76	70	6,300	6,300	6	37,800						
	70	64	2,520	2,520	6	15,120						
2nd	82	76	17,010	6,110	6	36,660	115020	0	115020	2300.4	112719.6	320123.7
	76	70	14,620	8,320	6	49,920						
	70	64	7,260	4,740	6	28,440						
3rd	82	76	21850	4,840	6	29,040	115020	0	115020	2300.4	112719.6	320123.7
	76	70	19070	4,450	6	26,700						
	70	64	16320	9,060	6	54,360						
	64	58	820	820	6	4,920						
4th	64	58	13970	13,150	6	78,900	115020	0	115020	2300.4	112719.6	320123.7
	58	52	6020	6,020	6	36,120						
5th	58	52	11740	5,720	6	34,320	114990	0	114990	2299.8	112690.2	320040.2
	52	46	9630	9,630	6	57,780						
	46	43	7630	7,630	3	22,890						
Total					**39**	**5,78,370**	**5,78,370**	**3,310**	**5,75,060**	**11,501.2**	**5,63,558.8**	**16,00,507.0**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.

- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mine block.**
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Ramchandrapur Black Stone Mine
Location of the project	Mouza - Ramchandrapur, P.S. - Mejia District –Bankura, State - West Bengal J.L. No. - 65, Plot No. – 2901(P), 2901/3061
Project proponent Details	M/s. Maa Durga Infra Vill & P.O. - Barjora, (School Danga South), PS - Barjora, Dist – Bankura, West Bengal, Pin - 722202
Project Area	3.060 Ha. (7.58 Acres)
Name of the river	Damodar River
DSR potential zone code	BNK_BS_ZONE_ 1
Proposed area for green belt/plantation	1.048
No. of saplings proposed	2620
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 268.60 Lakhs
Amount for need-based activities	Rs. 5.38 Lakhs

Chronology of Events

- The PP applied in prescribed format for the project for Environmental Clearance and uploaded the application in the PARIVESH portal on 13.10.2025.
- The PP was called for the EC presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

  Mandatory documents

1) Complete land documents / RoR records in the name of PP should be submitted. Whole land should be converted and certificate from competent authority should be furnished for a forest-related land.
2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. Study of existing fauna, especially in the existing ecotone zones, to be submitted along with strategies for mitigating negative impacts on them.
3) Surface and ground water hydrology should be submitted.
4) Study report on fracture analysis with respect to groundwater flow.
5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.
6) Details of backfilling plan is to be indicated.
7) Dust mitigation plan for the project should be submitted.
8) Plan and location for storage of the over burden.
9) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.
10) Impact of noise and transportation on the nearby habitation may be studied and submitted.
11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The plantation area as per the mine plan is around mine plan is around 23.98%. The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

    To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

13) The land break-up of the proposed greenbelt area should be provided in a tabular format as below and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supporting document)	Lease period (if applicable)

Need based EMP

14) Specific need-based activities for the proposed project clearly indicating the beneficiaries involved. At least 50% of the amount proposed for need based EMP

should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

15) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

16) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

17) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

18) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

19) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

III. Proposed Debogram Black Stone Project over an extent of 4.055 Ha (10.02 acres) at Mouza - Debogram, PS & Block –Mejia, JL No. -66, Plot No. – 624(P), District – Bankura, West Bengal.

Proposal No.	**SIA/WB/MIN/554661/2025**
Project Proponent -	**M/s. Re Buildcon Private Limited.**
Environmental Consultant -	**M/s. P and M Solutions**

Activity:

- This is a proposal for Debogram Black Stone Project over an extent of 4.055 Ha (10.02 acres) at Mouza - Debogram, PS & Block –Mejia, JL No. -66, Plot No. – 624(P), District – Bankura, West Bengal.
- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 1.57 km.**

- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 25.09.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- Year wise production details of Black stone as mentioned in the Mining Plan is given below :-

Year/ Period	RL Difference		RL-wise Cumulative Working Area	RL-wise Net Average Working Area	Bench Height	RL-wise Extractable Volume	Cumulative Extractable Volume	Depleted Volume	Extractable Volume	Mining (Slope) + Geological Loss (2.0%)	Net Extractable Volume	Net Extractable Quantity
	From	To										
	in (M)	in (M)	in (M^2)	in (M^2)	in (M)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (M^3)	in (MT)
1st	86.5	80.5	11,140	11,140	6	66,840	1,61,460	0	1,61,460	3229.2	158230.8	439881.6
	80.5	74.5	9,310	9,310	6	55,860						
	74.5	68.5	6,460	6,460	6	38,760						
2nd	86.5	80.5	18,230	7,090	6	42,540	1,61,460	0	1,61,460	3229.2	158230.8	439881.6
	80.5	74.5	15,560	6,250	6	37,500						
	74.5	68.5	13,090	6,630	6	39,780						
	68.5	62.5	6,940	6,940	6	41,640						
3rd	86.5	80.5	24180	5,950	6	35,700	1,61,460	0	1,61,460	3229.2	158230.8	439881.6
	80.5	74.5	21330	5,770	6	34,620						
	74.5	68.5	18670	5,580	6	33,480						
	68.5	62.5	16180	9,240	6	55,440						
	62.5	56.5	370	370	6	2,220						
4th	62.5	56.5	13920	13,550	6	81,300	1,61,460	0	1,61,460	3229.2	158230.8	439881.6
	56.5	50.5	11840	11,840	6	71,040						
	50.5	47.5	3040	3,040	3	9,120						
5th	86.5	80.5	30610	6,430	6	38,580	1,61,370	0	1,61,370	3227.4	158142.6	439636.4
	80.5	74.5	26930	5,600	6	33,600						
	74.5	68.5	21450	2,780	6	16,680						
	68.5	62.5	18860	2,680	6	16,080						
	62.5	56.5	16440	2,520	6	15,120						
	56.5	50.5	14190	2,350	6	14,100						
	50.5	47.5	12110	9,070	3	27,210						
Total					**39**	**8,07,210**	**8,07,210**	**0**	**8,07,210**	**16144.2**	**791065.8**	**2199162.9**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.
- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mine block.**
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Debogram Black Stone Project
Location of the project	Mouza – Debogram, P.S. – Mejia District – Bankura, State - West Bengal J.L. No. - 66, Plot No. – 624(P)
Project proponent Details	M/S Re Buildcon Private Limited E-9/62, Street No. 2, Sartaj Nagar, Noorwala Road, Ludhiana, Punjab, 141008
Project Area	4.055 Ha. (10.02 Acres)
Name of the river	Damodar River
DSR potential zone code	BNK_BS_ZONE_ 1
Proposed area for green belt/plantation	1.595
No. of saplings proposed	3990
Amount for plantation	Rs. 6.00 Lakhs
Total Project Cost	Rs. 276.10 Lakhs
Amount for need-based activities	Rs. 5.52 Lakhs

Chronology of Events

- The PP applied in prescribed format for the project for Environmental Clearance and uploaded the application in the PARIVESH portal on 13.10.2025.
- The PP was called for the EC presentation in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting SEAC, WB (2023-2026) held on 12.11.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1) Complete land documents / RoR records in the name of PP should be submitted.
2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna. Study of existing fauna, especially in the existing ecotone zones, to be submitted along with strategies for mitigating negative impacts on them.
3) Surface and ground water hydrology should be submitted.
4) Study report on fracture analysis with respect to groundwater flow.
5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be

submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.

6) Details of backfilling plan is to be indicated.

7) Dust mitigation plan for the project should be submitted.

8) Plan and location for storage of the over burden.

9) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

10) Impact of noise and transportation on the nearby habitation may be studied and submitted.

11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The plantation area as per the mine plan is around 19.85%. The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

An inventory of existing trees should be submitted.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

13) The land break-up of the proposed greenbelt area should be provided in a tabular format as below and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supporting document)	Lease period (if applicable)

Need based EMP

14) Specific need-based activities for the proposed project clearly indicating the beneficiaries involved. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

15) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

16) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted

during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

17) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

18) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

19) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

1.2.3) Industry Sector:

I. Proposed expansion of existing Structural Rolling Mill (1,05,600 TPA) by installation of Steel Melting Shop (1,18,800 TPA) at Nasser Hussain Avenue, PO- Bidhannagar, PS – Coke Oven, Tehsil- Faridpur Durgapur, District – Paschim Bardhaman, West Bengal-713212, West Bengal.

Proposal No.	**SIA/WB/IND1/554972/2025**
Project Proponent -	**M/s. SPS Steels Rolling Mills Limited.**
Environmental Consultant -	**M/s. ULTRA-TECH**

Activities:

- This is a proposal for expansion of existing structural rolling mill for installation of Steel Melting Shop comprising 2x20 T Induction Furnace, 1x20T LRF along with matching caster for the production of 1,18,800 TPA MS billets and other allied facilities. Total land area of the proposed project is 8.883 acres (3.594Ha) [additional 3.40 Acre adjacent land from Infratex Commercial Pvt. Limited (formerly Oversure Stockist Pvt. Ltd.)].

- Presently the project proponent is operating units of structure rolling mill which includes production of different rolling mill products like INA/ISMB/ISMC structures of 8,800 MT/Month (1,05,600TPA) production capacity over an area of 5.483 Acres.

Salient Features of the project:

- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below –

Project Name	Expansion of Existing Structural Rolling Mill (1,05,600 TPA) by Installation of Steel Melting Shop (1,18,800 TPA) by M/s. SPS Steels Rolling Mills Limited

<table>
<tr><td>Location</td><td>Plot No.: 10028(P), 1783(P), 1616(P), 1782(P), 10027, 1781(P), 1772(P), 1773(P), 1769(P), 1768(P), 1774(P), 1780(P), 1775(P), 1776(P), 1779(P), 1759(P),1741(P), 1742(P), 1743(P), 1744(P), 1745(P), 1746(P), 1748(P), 1749(P), 1750, 1751(P), 1752, 1753(P), 1754, 1755, 1756(P), 1757(P), 1758(P), 1759(P), 1772(P),Nasser Hussain Avenue, PO- Bidhannagar, PS – Coke Oven, Tehsil- Faridpur Durgapur, District – Paschim Bardhaman, West Bengal.</td></tr>
<tr><td>Land Area</td><td>Presently company has the Rolling mill unit on an area of 5.483 Acres land which has been taken by lease from Govt. of West Bengal. Now the SPS Steels Rolling Mills Limited has taken additional 3.40 Acre adjacent land from Infratex Commercial Pvt. Limited (formerly Oversure Stockist Pvt. Ltd.) in rent. So, the total land area of the proposed project is 8.883 acres (3.594Ha).
The Chronology of the 3.4acre land is as below:
I. This 3.4 Acre land is a part of total 6.0 Acre land which had been taken by M/s. Bengal Recyclers & Fabricators (P) Ltd. from Government of West Bengal through Lease Agreement.
II. Then M/s. Oversure Stockist Private Limited had purchased the M/s. Bengal Recyclers & Fabricators (P) Ltd.
III. After that, the name of the M/s. Oversure Stockist Private Limited had been changed to M/s. Infratex Commercial Private Limited.</td></tr>
<tr><td>Land use Break up</td><td>
<table>
<tr><td>Land Use Purpose</td><td colspan="4">Land Area in Acre</td></tr>
<tr><td></td><td>Existing Area break up</td><td>Proposed addition</td><td>Area break up after expansion</td><td>Percentage (After expansion)</td></tr>
<tr><td>SMS and Slag Crushing Area</td><td>0</td><td>1.045</td><td>1.045</td><td>11.76%</td></tr>
<tr><td>Rolling Mill</td><td>1.984</td><td>0</td><td>1.984</td><td>22.33%</td></tr>
<tr><td>Parking Area</td><td>0</td><td>0.075</td><td>0.075</td><td>0.84%</td></tr>
<tr><td>Road and drain</td><td>1.249</td><td>0.541</td><td>1.79</td><td>20.15%</td></tr>
<tr><td>RWH Pond</td><td>0</td><td>0</td><td>0.137</td><td>1.54%</td></tr>
<tr><td>Green Belt</td><td>1.864</td><td>1.689</td><td>3.553</td><td>40.00%</td></tr>
<tr><td>Office & Store etc.</td><td>0.172</td><td>0</td><td>0.172</td><td>1.94%</td></tr>
<tr><td>Raw Material Yard</td><td>0</td><td>0.05</td><td>0.05</td><td>0.56%</td></tr>
<tr><td>Water Handling Area</td><td>0.077</td><td>0</td><td>0.077</td><td>0.87%</td></tr>
<tr><td>Other/ Open land Area</td><td>0.137</td><td>0</td><td>0</td><td>0%</td></tr>
<tr><td>Total Area in Acre</td><td>5.483</td><td>3.4</td><td>8.883</td><td>100.00%</td></tr>
<tr><td>Total Area in Hectare</td><td>2.219</td><td>1.376</td><td>3.595</td><td></td></tr>
</table>
</td></tr>
<tr><td>Green belt Plantation</td><td>In the present project of 5.483 Acre land, approx. 1.86 Acre (~ 34 %) has been dedicated for plantation where plantation work is going on. With the new land acquisition after expansion project, total green area will be extended to 3.55 Acre which is 40% of the total land. Total around 3575 nos. of plantation will be done.</td></tr>
</table>

<table>
<tr><td>Production Capacity</td><td>
<table>
<tr><th colspan="2">Existing Production Capacity</th></tr>
<tr><th>Name of the Product</th><th>Capacity</th></tr>
<tr><td>Production of INA/ISMB/ISMC through structural rolling mill</td><td>1,05,600 TPA (88,00 TPM)</td></tr>
<tr><th colspan="2">Proposed Production Capacity</th></tr>
<tr><td>MS Billets</td><td>1,18,800 TPA</td></tr>
<tr><td>Rolled Products (Hot charging)</td><td>1,05,600 TPA</td></tr>
</table>
</td></tr>
<tr><td>Major Installations</td><td>
<table>
<tr><th colspan="3">Existing</th></tr>
<tr><th>Name of the Installation</th><th>Configuration</th><th>Remarks</th></tr>
<tr><td>Reverberatory type Reheating Furnace</td><td>20T/Hr.</td><td rowspan="3">To be retained</td></tr>
<tr><td>Structured Rolling Mill</td><td>320 TPD</td></tr>
<tr><td>DG Set</td><td>1x125 kVA</td></tr>
<tr><th colspan="3">Proposed</th></tr>
<tr><td>Induction Furnace</td><td>2x 20 T</td><td rowspan="5">Proposed</td></tr>
<tr><td>LRF</td><td>1x 20 T</td></tr>
<tr><td>CCM</td><td>As per matching capacity</td></tr>
<tr><td>DG Set</td><td>1x750 kVA</td></tr>
<tr><td>Slag Crusher</td><td>20 TPH</td></tr>
</table>
</td></tr>
<tr><td>Estimated project cost</td><td>30 Crores.</td></tr>
<tr><td>Manpower</td><td>Total after expansion- 200</td></tr>
<tr><td>Land use</td><td>Industrial Land.</td></tr>
<tr><td>Power supply</td><td>The power requirement for proposed expansion project is 20 MW. (Source- WBSEDCL)
D.G. Set: Existing: 1x125 KVA Proposed: of 1 x 750 KVA for emergency support.
It is proposed that PP will install 500 KW solar powers on the shed of the plant.</td></tr>
<tr><td>Fuel</td><td>HSD requirement for Existing DG Set (1x125 KVA) and proposed DG Set (1 x 750 KVA) will be 20 L/ Hr and 120 L/Hr respectively (DG Sets will be used as backup power source)
CBM is used as fuel in the reheating furnace (Reheating furnace shall be kept as backup support for any need-based operation only). The quantity of CBM is 55 SCM/Ton of production.</td></tr>
<tr><td>Water demand and supply after expansion</td><td>
<table>
<tr><th>Category</th><th>Requirement (KLD)</th></tr>
<tr><td>Total Water</td><td>416</td></tr>
<tr><td>Fresh Water</td><td>390</td></tr>
<tr><td>Recycled/reused Water</td><td>26</td></tr>
</table>
(Primary Source: Durgapur Projects Limited ; Secondary Source: Essar Oil and Gas Exploration and Production Limited)
</td></tr>
</table>

Chronology of the Events:

- PP had obtained CTE No. 64216, Memo No. 150-5/WPBD-NOC (3390)/10, dated- 11.08.2010, Valid till- 31.05.2015 and its amendment vide CTE No.: WBPCB/5495852/2024 dated: 21.10.2024 for enhancement of production capacity from 5000TPM to 8800TPM i.e., by additional production 3800 TPM.
- CTO No. CO79293, Memo No. 122-7/WPBD-Cont. (7812)/21, dated 07.04.2022, valid till -30.11.2028 and further CTO vide CTO No. WBPCB/5904056/2024 dated- 07.01.2025 for

enhancement of production capacity from 5000 TPM to 8800 TPM i.e., by additional production 3800 TPM.

- The PP has applied in prescribed format for Terms of Reference for the proposed project and uploaded the application (proposal number SIA/WB/IND1/534915/2025) in the PARIVESH portal on 28.04.2025.
- The SEIAA, West Bengal issued ToR vide TOR Identification No. TO25B1011WB5748565N dated 29.05.2025.
- Public Hearing for the project was conducted on 02.09.2025 by WBPCB.
- The PP has applied in prescribed format for the proposed project for Environmental Clearance and uploaded their EIA report in the PARIVESH portal on 13.10.2025.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA. The nearest RFA – BURDWAN is at a distance of 1.14 km.**
- The PP was called for the EC presentation in the 89th meeting of the SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC recommended that the PP should submitted the following :

Mandatory Documents

1) Certified compliance report dated 13.05.2025 for the project according to the provisions of MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
2) Approval of plan and permission to construct building/s under the Factories Act, 1948 from the Directorate of Factories need to be obtained as per rules.
3) Fire Safety Certificate from the competent authority (Fire and Emergency Services) to be obtained.
4) Risk assessment and Disaster Management Plan to be submitted, indicating the emergency assembly areas.
5) Plan for hot charging of billets should be submitted.

Water & waste water

6) Use of fresh water should be minimised for watering the plantation. Stored water and treated waste water may be used for the purpose.
7) Rain water harvest tank capacity may be revised based on the fact that the filter efficiency may be omitted since there is no recharge.
8) A fountain may be proposed at the RWH tank. This tank shall be kept natural with suitable embankment slope planted with appropriate species. A plan may be submitted in this regard.

Need based EMP

9) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Greenbelt

10) Since the unit is located in a severely polluted area, at least 40% of the project should be considered for tree plantation. The PP has to develop a tree plantation plan in this regard @2500 trees/ ha. Location-wise tree species should also be mentioned. North direction to be indicated on the plan.

11) The list of trees given in the plantation plan should be modified. Trees with high Air Pollution Tolerance Index (APTI) having large foliage and broad leaves should be planted.

Traffic management

12) A traffic study should be conducted and impact of transportation on the connecting and internal roads may be studied to see if the level of service of the roads is not deteriorated.

Air quality

13) Leakage detection and mechanised cleaning facility of APCD should be provided.

14) All stacks should be of 30m height.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

II. Proposed Synthetic Resin Manufacturing Plant (UF, PF & MUF Resin) of Capacity 10 TPD at Plot No. 799, JL no. -116, Khatian No. 1483, Village: Nendarpar, Block: Mathabhanga- 1, District: Cooch-Behar, West Bengal, PIN:736146.

Proposal No.	**SIA/WB/IND3/555752/2025**
Project Proponent -	**Moti Lal Mohata, Proprietor of M/s. Mohta Chemicals).**
Environmental Consultant -	**M/s. ULTRA-TECH**

Activities:

- This is a proposal for Synthetic Resin Manufacturing Plant (UF, PF & MUF Resin) of Capacity 10 TPD. Land area is 0.22 Acres (890.23 sqm).

Salient Features of the project:

- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below –

Name of the Project	Proposed Synthetic Resin Production Unit (UF, PF & MUF Resin) by M/s. MOHATA CHEMICALS
Location of the project	Plot No. 799, JL no. -116, Khatian No. 1483, Village: Nendarpar, Sitalkuchi Road, Block: Mathabhanga- 1, District: Cooch-Behar, West Bengal, PIN:736146.

<table>
<tr><td>Production Capacity</td><td>UF Resin- 990 TPA/82.5 TPM
PF Resin- 990 TPA/ 82.5 TPM
MUF resin- 1320 TPA/ 110 TPM</td></tr>
<tr><td>Machinery Details</td><td>
<table>
<tr><th>S.N.</th><th>Particulars</th><th>Capacity</th><th>Quantity</th></tr>
<tr><td>1</td><td>Boiler</td><td>0.5 Ton</td><td>1</td></tr>
<tr><td>2</td><td>Cooling Tower</td><td>1 Ton</td><td>1</td></tr>
<tr><td>3</td><td>DG Set</td><td>100 kVA</td><td>1</td></tr>
<tr><td>4</td><td>Resin Kettle</td><td>5 Ton</td><td>2</td></tr>
</table>
</td></tr>
<tr><td>Estimated project cost for the expansion</td><td>Rs.46.50 Lakhs</td></tr>
<tr><td>Land Area</td><td>0.22 Acres (890.23 sqm.)</td></tr>
<tr><td>Green area</td><td>294 sq.m (33.02%)</td></tr>
<tr><td>Power requirement & Source</td><td>
<table>
<tr><th>Power Requirement</th><th>Demand</th><th>Source</th></tr>
<tr><td>Electricity</td><td>45 kVA</td><td>WBSEDCL</td></tr>
<tr><td>Back up</td><td>1X100 kVA</td><td>D.G Set</td></tr>
</table>
</td></tr>
<tr><td>Fresh Water
Demand & Supply</td><td>Total Water Requirement (KLD)= 5.52 KLD
Total Fresh Water Requirement (KLD)= 4.12 KLD
Total Wastewater Generated (KLD)= 1.6 KLD
Total Wastewater Recycled (KLD)=1.4 KLD
Source: Bore Well</td></tr>
<tr><td>Current Status of the land</td><td>The land has been converted into ‘Industrial Land’. In the site, there are 10 nos. of existing trees and there is a concrete slab in the site from long back. Major installations will be installed on this concrete slab.</td></tr>
<tr><td>Man Power</td><td>7 persons</td></tr>
<tr><td>Fuel to be Used</td><td>
<table>
<tr><th>Sl. No.</th><th>Fuel Type</th><th>Fuel used for</th><th>Quantity</th><th>Source</th><th>Mode of Transport</th></tr>
<tr><td>1</td><td>Ply scrap</td><td>Boiler (0.5 T)</td><td>100 Kg/Hr</td><td>Nearby plywood industry</td><td>Road/Truck</td></tr>
<tr><td>2</td><td>HSD</td><td>DG Set (100 kVA)</td><td>8 L/hr</td><td>Local Diesel supplier</td><td>Road/Truck</td></tr>
</table>
</td></tr>
</table>

Chronology of the Events:

- The PP has applied in prescribed format for Terms of Reference for the proposed project and uploaded the application (proposal number SIA/WB/IND3/505660/2024) in the PARIVESH portal on 11.12.2024.
- The SEIAA, West Bengal issued ToR vide TOR Identification No. TO24B2409WB5557828N dated 04.02.2025.
- Public Hearing for the project was conducted on 25.07.2025 by WBPCB.
- The PP has applied in prescribed format for the proposed project for Environmental Clearance and uploaded their EIA report in the PARIVESH portal on 22.10.2025.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – COOCHBEHAR is at a distance of 4.84 KM**
- The PP was called for the EC presentation in the 89th meeting of the SEAC, WB (2023-2026) held on 12.11.2025 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC recommended that the PP should submitted the following :

Mandatory Documents

1) Approval of plan and permission to construct building/s under the Factories Act, 1948 from the Directorate of Factories need to be obtained as per rules.
2) Fire Safety Certificate from the competent authority (Fire and Emergency Services) to be obtained.
3) Risk assessment and Disaster Management Plan to be submitted, indicating the emergency assembly areas.
4) Distance of the project from international boundary should be submitted.

Water & waste water

5) Use of fresh water should be minimised for watering the plantation. Stored water and treated waste water may be used for the purpose.
6) The list of trees given in the plantation plan should be modified. Trees with large foliage and broad leaves should be planted.

Traffic management

7) A traffic study should be conducted and impact of transportation on the connecting and internal roads may be studied to see if the level of service of the roads is not deteriorated.

Air quality

8) APC system for resin kettles should be submitted.
9) All stacks should be of 30m height.

Need based EMP

10) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

Miscellaneous

11) Source of boiler feed water and justification of a cooling tower should be provided. The location of cooling tower, if at all required, should be marked on the plan.
12) Temperature of cooling water inlet temperature to the reactor (kettle) to be mentioned.
13) Details of ETP should be submitted.
14) Since the existing structure will be dismantled, a demolition plan and solid C&D waste management plan should be provided.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

3) RECONSIDERATION PROPOSALS: -

2.1) Terms of Reference:

2.1.1) Industry Sector :

I. Proposed Moira Under Ground Coal Mine of Raniganj Coalfield comprising of an area of 455.69 Ha of production capacity of 0.75 MTPA at Sub-Division: Durgapur, Block: Andal, Dist – Paschim Bardhaman, West Bengal.

Proposal No.: **SIA/WB/CMIN/541674/2025**
Project Proponent: **M/s. Eastern Coalfields Limited**
Environmental Consultant: **M/s. Indian Mine Planners and Consultants.**

Activity:

- This is a proposal for Moira Under Ground Coal Mine of Raniganj Coalfield comprising of an area of 455.69 Ha of production capacity of 0.75 MTPA at Sub-Division: Durgapur, Block: Andal, Dist – Paschim Bardhaman, West Bengal.
- The Project Proponent (PP) has submitted Mine & Mine Closure Plan for the project.
- **The PP had received Environmental Clearance from MoEF&CC on 30.05.2022 for cluster 10 coal mining project (Group of 15 OC / UG coal mine lease holds) having peak production of 7.70 MTPA which included Moira UG Coal Mine with a lease area of 455 ha.**
- Salient features of the proposed project as submitted by the PP is as follows :

Name of the project & Address	Project Name: MOIRA COAL MINE Address: Andal Block; Durgapur Subdivision; Paschim Bardhhaman District, West Bengal.
Mine Lease Area	455.69 Ha
Production Capacity	Coal Rated Production Capacity – 0.75 MTPA
Life of Mine	25 Years
Method of Mining	Opencast, High wall & Underground
Reserves	**Net Geological Reserve:** 94.62 MTPA **Minable Reserve:** 18.60 MTPA **Extractable Reserve:** 15.25 MTPA
Sl. No. in the schedule	1(a) Mining of minerals: Coal Mining - Opencast cum Underground
Registered Address	**Project proponent:** Eastern Coalfields Limited (ECL), Sanctoria, Post: Dishergarh, Dist.: Paschim Bardhhaman, W.B., PIN - 713 333
Greenbelt & Plantation Area	18.00 Ha (Post Closure)
No. of trees proposed	45,000
Mouza	Dakshin khanda (JL No.-36), Madhusudanpur (JL No.-34), Khandra (JL No. 32), Mahira (JL No. 35), Aamloukha (JL No. 51)
P.O.	Dakshin Khanda

Pin Code	713123
Gram Panchayat	Dakshin Khanda, Andal & Kajora
P.S. & Block	Andal
District	Paschim Bardhhaman
State	West Bengal
Topo Sheet No.	73M/2 **OSM:** F45D2
Latitude Longitude	Latitude: 23°38' to 23°38' N Longitude: 87°13' E to 87°13' E
Nearest City	Durgapur (23 KM)
Nearest National Highway / State Highway	NH-19 (5 KM)
Nearest Railway station	Ukhra Railway Station (3 KM)
Nearest Airport	Andal Airport (15 KM)
National Parks, Wildlife Sanctuaries, Biosphere Reserves, Reserve forest and Protected forest	Ramnabagan Wildlife Sanctuary (16.37 KM)
Water Body	Damodar River (7.0 KM)
Defense installations (within 10 km radius)	None
Seismic Zone	Seismic Zone (IV)
Total project cost	500.00 Cr.
Cost of production	To be incorporated in Final EIA/EMP Report
Manpower Requirement	455
Source	Local Villages
Power Requirement (MW)	7.45 MW
Source	WBSEDCL
Fresh Water Requirement (KLD)	84 KLD
Source	Mine Water
Land Use Pattern	
Approvals for Moira Coal Mine	Mine Plan Approved on 26.05.2025

LAND TYPE	LAND USE IN " Ha"	
TENANCY	Agriculture	320.43
	Township/Habitats	67.00
	Barren (Danga Land)	43.97
	Water Bodies	20.92
GOVT.NON-FOREST	Water Bodies	1.08
	Road	2.26
	Others	0.03
Total		**455.69**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded Letter of Award (LoA) for the project dated 30.03.2023 for **Re-opening, Salvaging, Rehabilitation, Development and Operation of Moira UG on Revenue Sharing basis granted to M/s. Minsol Limited**.
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. The nearest RFA – DURGAPUR is at a distance of 3.76 km.**

Chronology of Events

- The PP has uploaded their application for Terms of Reference, made in prescribed format for Moira Under Ground Coal Mine of Raniganj Coalfield comprising of an area of 455.69 Ha of production capacity of 0.75 MTPA and the application in the PARIVESH portal on 01.08.2025.
- The PP was called for the ToR presentation in the 81st meeting SEAC, WB (2023-2026) held on 13.08.2025 and the PP presented their proposal in this meeting.
- The SEAC scrutinized the documents submitted by the PP in the 81st meeting SEAC, WB (2023-2026) held on 13.08.2025. Based on the submission and presentation made by the PP, the SEAC made the following observations :

1. The LoA by M/s. Eastern Coalfields Limited has been granted to M/s. Minsol Limited. However, the PP submitted that the mine operator is M/s. Minsol Moira Pvt. Ltd. The PP should submit reasons for the above.
2. Contract Agreement for the project should be submitted.
3. Earlier EC was granted for a mine lease area of 455 ha only for UG. Now, the present proposal submitted as expansion is for 455.69 Ha of production capacity of 0.75 MTPA. The PP should submit documents regarding the area applied for which may include the earlier lease hold area or an expansion comprising of both areas. Hence, the PP is requested to submit the project area super imposed on a mouza map clearly showing the expansion as well as the earlier lease hold area for which EC was granted and important surface features excluded from the project activities inside the lease hold area. Exact area for working out the mining operation may please be mentioned.
4. The PP shall inform MoEF&CC regarding the change in mine lease area from 455 ha to 455.69 ha with respect to the Environmental Clearance received from MoEF&CC and submit acceptance report from MoEF&CC.
5. Status of acquisition of parcels of land, PP is going to purchase to facilitate working in East and West blocks including the details of land, its classification, conversion and mutation.
6. Land Use Map (1:50000) based on recent satellite imagery of the study area with explanatory notes on land use, since the land is predominantly agriculture land.
7. Description of the study in details showing the procedures of finalization of location of UG entry along with a brief environmental analysis and comments on the alternative suggestions, if at all done.
8. Impact of finalization of the route / UG entry on the existing habitation and infrastructure.
9. How much geological reserves reported in the area----Mineable and extractable?
10. Impact of UG mining on the environment including UG mining air quality needs to be studied by a reputed Govt. Institute, viz ISM Dhanbad, IIT Kharagpur and may be submitted
11. Has PP established an inhouse laboratory for measurement of environmental parameters w.r.t air quality and water and should be established asap, if not done by now.
12. Detailed plan in tabular format to carry out concurrent afforestation and greenbelt development in and around the mine lease area, by using native spp

13. PP shall submit detailed activities proposed with year wise budgetary provisions (Capital and Recurring) as per OM dated 30.09.2020 of MOEFCC and address concerns raised in public consultation and public hearing.
14. Since Andal-Ukhra road passes through the mine lease area, necessary permission from the competent authority should be sought for UG operations as per regulation 119 of Coal Mine Regulations 2017 and may be included in EIA report.
15. The PP shall submit permission from MoEF&CC granting delineation of Moira coal patch from Cluster 10 coal mining project.
16. The PP shall submit pre-mining, post-mining and post-back filled cross sections of the proposed mining.
17. Information in respect of Type, Leasehold Area, Proposed capacity and life about the proposed mines may please be submitted.
18. The PP should submit plan for utilization of mine water within the project site for both OCP and UG patches. Excess treated water, if discharged, should be done mentioning the quantum to be discharged and ensuring compliance to prescribed norms which may be discussed in details. The quality of existing mine water should be tested and report be submitted.
19. A detailed report on hydrogeology to be submitted based on (i) Groundwater level of different aquifers with respect to ground level and mean sea level along with details of all monitoring wells, (ii) Depth to water level and water level elevation contour maps of different aquifers along with flow directions, (iii) future impact of mining on different aquifer systems and the nala, (iv) groundwater quality including bacteriological quality, and (v) management plan of the pumped groundwater.
20. Construction of piezometers in different aquifer systems with automatic water level recorders connected to an electronic display board.
21. Utilsation details of waste rock and excavated soil due to shaft sinking and use of side discharge loader for drivage of advance galleries while carrying out UG mining, may be mentioned in details in EIA report.
22. Names and numbers of revenue villages fall within ML area and if relocation and rehabilitation are required.
23. PP shall install two CONTINUOUS AIR QUALITY MONITORING STATIONS in upwind and downwind directions at suitable place, preferably near villages in consultation with WBPCB. Data so generated should be uploaded in Company's website and linked with website of WPCB and CPCB. Data should be displayed at entry and exit gate of the ML area.
24. Details of reclamation plan showing how much area will be biologically reclaimed at closure.
25. Measures, PP to undertake to reduce the degree of illumination and sound at night which cause disturbance to the village population nearby.
26. Recommendations of subsidence studies to be followed and regular monitoring of subsidence movement of the surface over and above the working area, its impact on natural drainage, vegetation, habitation, roads and other infrastructure should be carried out and mitigation measures to be undertaken.
27. Off site and onsite EMERGENCY PREPAREDNESS RESPONSE plan to be prepared after risk analysis.

28. Possible impact of mining operation on the local flora and local fauna to be studied by deploying an institute of repute having expertise in relevant discipline.
29. Explore possibility of using renewable energy and accordingly a plan in this regard may be submitted.
30. Revised tree list should be submitted as discussed in the meeting. Plantation Plan for at least 33% of the entire lease area should be submitted.
31. An indicative plan for the need-based activities should be provided with budget allocation.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 04.11.2025, which was considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the SEAC **recommended that the Terms of Reference for EIA study** of the proposed project along with Public Hearing may be issued. EIA/EMP should be prepared as per the standard ToRs, additional ToRs and after incorporating all the issues raised during Public Hearing / Public Consultation should be submitted to the SEAC for further consideration of the proposal for environmental clearance.

  The SEAC also recommended that the **Terms of Reference for EIA study of the proposed project** may be issued with the following conditions:

  Mandatory documents

  1) The PP should submit the commitments made in their reply to the SEAC dated 04.11.2025.
  2) Production of UG and OC patch should be submitted separately.
  3) Necessary permission from the competent authority should be submitted for diversion of the nalah/jhora/natural stream, if any.
  4) A wildlife conservation plan for the project should be prepared and submitted.
  5) An inventory of the existing trees with botanical and common names and height, girth, and tree canopy dimensions to be submitted. PP shall attempt to transplant the ecologically valuable species in suitable locations in the vicinity.
  6) Permission from the concerned DFO should be obtained for felling of trees.
  7) A study on the biological environment of the area covering a full-fledged biodiversity assessment should be taken up. Field survey and consultation with local people and Forest Department should be the basis of preparation of list of flora and fauna of the area.
  8) Detailed information about the status of acquisition of additional land including its conversion and mutation in the name of PP.
  9) Possible impact on the endangered flora and fauna in the study area may be studied in consultation with an organisation of relevant discipline. Copy of the approved WILD LIFE CONSERVATION PLAN may please be uploaded in Parivesh Portal.

10) Measures to minimize illumination and sound at night to reduce the degree of disturbances caused towards human and animal population. A dust and noise mitigation plan with necessary details may be submitted.

11) Emphasis to be given to plant tree species with heavy foliage and dense canopy while preparing necessary exclusive tree plantation plan for covering 33% of the project area.

12) Necessary measures to avoid occurrence of subsidence in private area/ villages may be given due priority.

13) Land Use map (1:50000) based on recent satellite imagery of the study area may be provided with explanatory notes on land use. Impact of changes in the land use if the land is predominantly agricultural land, tree area or area containing dense bush or grass land should be provided.

14) In case of any diversion of any waterbody like canal/ nallah/jhora etc, a route of diversion/modification of drainage, their realignment, construction of embankment etc, should be shown on map, on receipt of necessary approval of the state irrigation department.

15) Break up of lease/project area as per mining plan is to be provided.

16) For proper baseline air quality assessment, adequate number of monitoring stations should be planned in downwind directions spreading well over 10 km buffer area.

17) A detailed traffic study along with presence of habitation in 100 meters distance from both sides of the road to be made. The impact on the air quality with the measures and plan of action to be spelt out in EIA/EMP report as the project will increase the numbers of vehicle along the road after inception of the project and will contribute largely to carbon emission.

18) Hydrogeological study including flow and contaminant modelling and the impact of mine dewatering on the drinking water supply of the adjacent villages.

19) A study on the Impact of OB dump on the air quality of the adjacent villages.

Need based EMP

20) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

In addition to the standard ToR, the above additional terms / conditions may be construed as the additional ToR. Public Hearing should be conducted for the project in accordance with the provision of EIA Notification, 2006 and its amendments. Status of the compliance of the additional conditions stipulated may be furnished along with the application for Environmental Clearance.

While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. **All the documents should be duly signed by the project proponent and the environmental consultant**.

2.1.2) Mining of Minerals (other than sand) :

I. Proposed Hesla Blackstone Mine over an area of 5.989 ha at Mouza- Hesla, P.S. & Block- Manbazar-II, J.L. No.-207, Plot No.-1630, District Purulia, West Bengal.

Proposal No. **SIA/WB/MIN/535077/2025**
Project Proponent - **Arun Kataruka.**
Environmental Consultant - **M/s. Centre for Envotech and Management Consultancy Private Limited.**

Activity:

- This is a proposal for Hesla Blackstone Mine over an area of 5.989 ha at Mouza- Hesla, P.S. & Block- Manbazar-II, J.L. No.-207, Plot No.-1630, District Purulia, West Bengal.
- **The project is falling within the DSR potential zone code PUR_BS_ZONE_32.**
- **The PP has not uploaded proper kml file due to which the DSS of the PARIVESH portal, could not be evaluated.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The modified Plan has been approved by the State Government on 26.12.2024 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- Year wise proposed production details of black stone:

Year	RL	Avg. Area (Sq. M.)	Height (M)	Volume (Cum)	Specific Gravity	Volume(T)	Volume (Mt)	Total Cumulative	Individual	Mineral Rejects	Extractable Reserve (Mt)
1st	191.50-185.50	17518.54	6	105111.24	2.8	294311.472	0.2943	0.6430	0.6430	10%	0.5787
	185.50-179.50	14638.775	6	87832.65	2.8	245931.42	0.2459				
	179.50-176.50	12238.355	3	36715.065	2.8	102802.182	0.1028				
2nd	191.50-185.50	25096.4925	6	150578.955	2.8	421621.074	0.4216	1.5128	0.8698		0.7828
	185.50-179.50	21984.096	6	131904.576	2.8	369332.8128	0.3693				
	179.50-173.50	19214.3185	6	115285.911	2.8	322800.5508	0.3228				
	173.50-167.50	16609.366	6	99656.196	2.8	279037.3488	0.2790				
	167.50-164.50	14290.3035	3	42870.9105	2.8	120038.5494	0.1200	2.3830	0.8701		0.7831
3rd	191.50-185.50	33263.6915	6	199582.149	2.8	558830.0172	0.5588				
	185.50-179.50	29687.72	6	178126.32	2.8	498753.696	0.4988				
	179.50-173.50	26455.386	6	158732.316	2.8	444450.4848	0.4445				
	173.50-167.50	23395.6165	6	140373.699	2.8	393046.3572	0.3930				
	167.50-161.50	20505.257	6	123031.542	2.8	344488.3176	0.3445				
	161.50-158.50	17070.201	3	51210.603	2.8	143389.6884	0.1434				
4th	191.50-185.50	36932.53705	6	221595.222	2.8	620466.6224	0.6205	2.9837	0.6007		0.5406
	185.50-179.50	33170.3174	6	199021.9044	2.8	557261.3323	0.5573				
	179.50-173.50	29737.0136	6	178422.0816	2.8	499581.8285	0.4996				
	173.50-167.50	26478.3978	6	158870.3868	2.8	444837.083	0.4448				

Year	RL	Avg. Area (Sq. M.)	Height (M)	Volume (Cum)	Specific Gravity	Volume(T)	Volume (Mt)	Total Cumulative	Individual	Mineral Rejects	Extractable Reserve (Mt)
	167.50-161.50	23382.41235	6	140294.4741	2.8	392824.5275	0.3928				
	161.50-155.50	20450.76745	6	122704.6047	2.8	343572.8932	0.3436				
	155.50-153.00	17872.9702	2.5	44682.4255	2.8	125110.7914	0.1251				
5th	191.50-185.50	43360.563	6	260163.378	2.8	728457.4584	0.7285				
	185.50-179.50	39120.6295	6	234723.777	2.8	657226.5756	0.6572				
	179.50-173.50	35179.402	6	211076.412	2.8	591013.9536	0.5910				
	173.50-167.50	31236.1445	6	187416.867	2.8	524767.2276	0.5248	3.5130	0.5293		0.4764
	167.50-161.50	27636.1545	6	165816.927	2.8	464287.3956	0.4643				
	161.50-155.50	23995.2845	6	143971.707	2.8	403120.7796	0.4031				
	155.50-153.00	20582.89	2.5	51457.225	2.8	144080.23	0.1441				
										Total	**3.1617**

- The PP has uploaded pre-feasibility report for the proposed project.
- **The PP has not uploaded valid Letter of Intent for the project from the competent authority.**
- **The PP has uploaded mining lease for the project which was valid from 12.04.2000 for a period of 5 (five) years. Also, other documents from Deputy Secretary, IC&E Dept. and ADM, Purulia has been submitted.**
- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mine block.**
- **The PP has not submitted the EC processing fees as required** under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Salient features of the project:

- Salient features of the project as submitted by the PP is as below :

Name of the project	Hesla Blackstone Mine
Project proponent	Sri Arun Kataruka
Location of the project	Mouza: Hesla, J.L. No. 207, Plot No. 1630, Manbazar-II Block, Purulia district of West Bengal
Project Area	5.989Ha
DSR potential zone code	PUR_BS_ZONE_32
Proposed area for green belt/plantation	Safety area: 0.8557Ha (inside), 1.12 Ha (outside)
No. of saplings proposed	2140
Amount for plantation	Rs.4,50,000/-
Total Project Cost	Rs.1,42,25,000/-
Amount for need-based activities	Rs.2,84,500/-

Chronology of Events

- The PP applied in prescribed format for the project for Terms of Reference and uploaded the application in the PARIVESH portal on 30.05.2025.
- The PP was called for the ToR presentation in the 73rd meeting SEAC, WB (2023-2026) held on 04.06.2025.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purulia district.
- The SEAC scrutinized the documents submitted by the PP in the 73rd meeting SEAC, WB (2023-2026) held on 04.06.2025 and after careful consideration and detailed deliberation the committee made the following observations:-

Mandatory documents

1. The PP should upload proper kml file, so that the DSS can be evaluated.
2. The submitted documents regarding extension of lease validity in the PARIVESH portal is not explicitly clear whether the existing lease has been revalidated in the name of PP. Therefore, the PP should submit either valid lease document for the project or LoI from the competent authority.
3. From the land use submitted in the mine plan, it is observed that the greenbelt area will be developed in the safety zone which is 0.8557 ha, only about 14.28% of the project area. Therefore, the PP should submit details of compensatory plantation with RoR in the name of the PP.
4. Porcha / RoR for the project area of 5.989 ha in the name of the PP.
5. Also, from the mine plan it is observed that a crushing plant will be set up for which details should be uploaded by PP showing the storage area for the crushed material.
6. Details of backfilling plan is to be indicated.
7. Dust mitigation plan for the project should be submitted.
8. Plan and location for storage of the over burden generated.

Greenbelt and plantation

9. **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

   To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

Miscellaneous

10. Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

11. The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked on the plan. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
12. Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.
13. Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.
14. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.
15. Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 04.11.2025 along with the revised kml file of the project, which has considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.
- According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ & PA WII. **The project area falls within RFA – KSC South.**

SEAC Observations and Recommendations:

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting and deliberated on the submissions made by the project proponent and observed that **the project is of 5.989 ha. and the PP has applied for ToR under B1 category with non-cluster certificate. As per the Notification vide S.O.3977(E) dated 14.08.2018, only for project or activity of mining of minor minerals of Category 'B1' in case of cluster of mining lease area, general conditions shall not be applicable**.
- **The SEAC is of the opinion that general condition shall be applicable for the project. Also, from the DSS of the PARIVESH portal, the project is located within RFA-KSC South division. A number of settlements were also observed within the project area**.
- No proper reply to the queries raised by the SEAC is uploaded.
- **Therefore, the SEAC recommended that the project may be forwarded to SEIAA for rejection**.

2.2) Environmental Clearance:

2.2.1) Construction Sector:

I. Proposed Modification cum Expansion of Garment and Logistic Park at L.R Dag No. 3898, 3899, 3895, 3900, 3889, 3894, 3890, 3891, 3887, 3970, 3971, 3886, 3885, 3884, 3883, 3972, 3973, 3975, 3977, 3976, 4036, 3978, 3984 Mouza- Unsani, J.L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal.

Proposal No.: **SIA/WB/INFRA2/548036/2025**
Project Proponent: **M/s. Howrah Haat Developers Pvt. Ltd. & Rajeshwari Enclave Pvt. Ltd.**
Environmental Consultant: **M/s. ULTRA-TECH.**

Activities:

- This is a proposal for Modification cum Expansion of GARMENT and LOGISTIC PARK. The total built-up area of the proposed project is 48506.84 sqm (excluding service areas), 52505.25 sqm (including service areas). Total land area is 25269.35 sqm.
- Earlier the project had obtained Environmental Clearance vide EC Identification No. EC22B038WB177119 Dated 12/04/2022 for Block 1 (G+4), Block 2 (LG+UG+3), Block 4 (B+G+1), Block 6 (G+5) and Block 8 (B+G+2) consisting of Built-up area 49402.84 sqm. and total Land Area 86202.18 sqm as per deed and 83998.55 sqm as per physical measurement. Out of the mentioned blocks, the construction status is as below:
    - Block –I: Super structure completed and ongoing finishing work is in progress.
    - Block–II: LG+UG+1st floor completed. 2nd floor being casted.
    - Block–IV: Yet to start
    - Block –VI: foundation work in progress.
    - Block –VIII: B+G+1 Constructed
- Now, the project split into two parts where for this project land area will be limited to 25269.35 sqm where all the above mentioned constructions have been done. Again, for this area of land (25269.35 sqm) separate plan has been sanctioned by the WB Small Industries Development Corporation Ltd., where some modification / expansion are there in comparison to previous plan (Against which EC has been obtained). As per the current sanction plan, ultimate configuration will be Block 1 (G+4), Block 2 (LG+UG+4), Block 6 (LG+UG+4) and Block 8 (B+G+1) consisting of Built-up area 52505.25 sqm and total land area will be 25269.35 sqm. Thus, the PP is applying for Expansion cum modification of previous EC.
- The block details is given below:

Blocks as per EC	Total project scenario after proposed expansion
• Block_1 — G+4, • Block_2 — LG+UG+3 • Block_4— B+G+1 • Block_6—G+5 • Block_8— B+G+2 (Service Block)	• Block_1 — G+4, • Block_2 — LG+UG+4 • Block_6— LG+UG+4 • Block_8— B+G+1 (Service Block)

Salient Features of the project:

- Salient features of the proposed modification cum expansion project as uploaded by the PP in the PARIVESH portal is as below–

Salient features	As per EC (vide EC Identification No. EC22B038WB177119 Dated 12/04/2022)	Total project Scenario after proposed expansion
Land Area	83998.55 sqm (As per physical area) 86202.18 sqm (As per Deed)	25269.35 sqm (As per physical area)
Block details	• Block_1 — G+4, • Block_2 — LG+UG+3 • Block_4— B+G+1 • Block_6—G+5 • Block_8— B+G+2 (Service Block)	• Block_1 — G+4, • Block_2 — LG+UG+4 • Block_6— LG+UG+4 • Block_8— B+G+1 (Service Block)
Total Built-up area	**46655.77 sqm (excluding service areas and above roof areas)** **49402.84 sqm (including service areas and above roof areas)**	**48506.84 sqm (excluding service areas)** **52505.25 sqm (including service areas)**
Expected Population	(Fixed – 41187 Persons, Floating-6584 persons)	1067 nos. (970 fixed, 97 floating)
Total Water Requirement	212.72 KLD (Operation Phase)	55 KLD
Fresh Water Requirement	100.44 KLD (HMC)	28 KLD
Wastewater generated	121.74 KLD (to be treated in STP)	39 KLD
Wastewater recycled	112.28 KLD (to be used in dual flushing, road washing and landscaping)	27 KLD
Wastewater discharged	9.46 KLD	12 KLD
Solid Waste disposal	567 kg/day	Total Waste Generation–107 kg/day Bio-degradable Waste -43 kg/day Non-bio degradable Waste- 64 kg/day
Ground Coverage	8292.35 sqm (9.87% of total land area)	8659.79 sqm (34.27%)
Additional Ground coverage	2130.33 sqm (2.54% of total land area)	693.37 sqm (2.74%) (for parking and services)
Exclusive Tree Plantation Area	**16858.15 sqm (20.07% of total land area)**	**5089.56 sqm (20.14%)** **5080.41 sq.m. As per DFO plan (20.10%)**
Total Paved Area	32060.96 sqm (38.17% of total land area)	2935.94 sqm (11.62%)
Service Area	325.64 sqm (0.39% of total land area)	--
Pond Area	2873.24 sqm (3.42% of total land area)	--
Area for future development	21457.35 sqm (25.54% of total land area)	--
Internal Road Area	--	7890.69 sqm (31.23%)
No. of plantation proposed	1180 nos.	415 nos. 240 are existing Palm trees, as per PP
No. of Parking spaces proposed	50 nos. Trucks, 153 nos. Car	42 nos. Trucks, 121 nos. Car
Total Power Requirement	2233 KVA, WBSEB	2260 kVA
Back-up Power	DG Sets (1x1500 KVA & 2x1010 KVA)	2x750 kVA
Solar Power	23 KVA	20 KW
Project cost (Rs.)	Rs.53,65,20,816.00 (53.65Cr)	Rs.100,00,00,000.00 (100 Cr)

Chronology of the Events:

- Earlier the project has obtained Environmental Clearance vide EC Identification No. EC22B038WB177119 Dated 12/04/2022 for Block 1 (G+4), Block 2 (LG+UG+3), Block 4 (B+G+1), Block 6 (G+5) and Block 8 (B+G+2) consisting of Built-up area 49402.84 sqm. and total Land Area 86202.18 sqm as per deed and 83998.55 sqm as per physical measurement.
- Now, the PP intends to split the project into two parts where for this project land area will be limited to 25269.35 sqm.

- The PP has applied in prescribed format for the proposed project for Environmental Clearance and uploaded the proposal in the PARIVESH portal on 13.08.2025.
- The PP has submitted Certified Compliance Report (CCR) dated 12.08.2025 from WBPCB as per the provision of Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP was called for the EC presentation in the 82nd meeting of the SEAC, WB (2023-2026) held on 20.08.2025 and the PP presented their proposal in this meeting.
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1. The dag nos. and the configuration mentioned in the fire safety recommendation does not match with the sanction plan. Revised documents should be submitted.
2. The configuration in the building permit uploaded in the portal also does not match. Revised documents should be submitted.
3. The Fire Recommendation letter mentions Block 8 as B+G, whereas PP has applied for the same block as B+G+1. Revised Fire recommendation to be submitted.
4. Comprehensive mobility plan should be submitted.
5. Concurrence / permission for the upcoming project from the electricity authority for the over-head HT line passing through the project should be submitted.
6. Undertaking regarding composition of proposed industries to be permitted in the Industrial Building.
7. The earlier EC was issued for a total BUA of 46655.77 sqm (excluding service areas) with expected population of 47,771 persons (fixed 41187 and floating 6584). The current EC is applied for BUA 48506.84 sqm (excluding service areas) after expansion, but with an expected population of 1067 (970+97) persons. Population/ occupant load reduces drastically (merely 2.2% of earlier calculation) while built up area increases by ~4%. Rationale and clarifications to be submitted.

Water and Waste water

8. The building type has been considered as commercial, but population calculation for water requirement assessment considers one person per 50 sqm, which does not comply with NBC 2016 stipulations. Reasons and revised water calculation to be submitted.
9. The PP has proposed 9 nos. recharge pits instead of the required 11. Reasons should be submitted.
10. Concurrence regarding waste water disposal, solid waste disposal and storm water discharge from the competent authority.
11. Design of STP to be submitted.
12. Analysis report of ground water to be submitted.

13. Storm water management plan to be submitted.

14. The recharge well shown on the driveway in front of the parking area should be suitably relocated in the area behind the parking.

Solid Waste disposal

15. Service area should be marked in the map. Area for segregation and management of solid waste, especially for the non-compostable packaging waste should be marked in the plan.

16. Proposal for land development and disposal plan for C&D waste should be submitted. C&D waste during construction should be taken into consideration.

Greenbelt

17. The DFO certified plan dtd. 13.06.2025 does not show the over-head HT line. It also marks Block 8 (LG+G) of the sanctioned plan dtd. 12.06.2025 as S4 (B+G+1 Service Block). Reasons and clarification on this mismatch need to be provided.

18. The DFO certified Plantation plan to be revised and submitted with the HT line marked and plantation below the HT line modified as per concurrence from the electricity authority.

Need based EMP

19. Revised need-based activities should be submitted as discussed in the meeting, clearly indicating the beneficiaries involved.

Miscellaneous

20. The PP shall install the following :-

    a) Solar smart meter for recording generation.

    b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.

    c) Treated wastewater of other building projects in the vicinity may be considered for the construction phase of the project.

    d) Water quality management system.

    e) STP with the digital data for inlet / outlet for measuring flow along with discharge quality.

    f) Ambient air quality monitoring station based on real time data. Anti-smog gun/ mist canon to be provided especially during the construction period.

    g) Ambient noise quality monitoring station based on real time data.

    h) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.

    i) Piezometer with automatic water level meter connected to an electronic display board.

    Plan in this regard to be submitted.

21. Charging facility for e-vehicles for at least 10% should be provided. Plan in this regard to be submitted.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 03.11.2025, which was considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.
- The revised salient features of the proposed project is as follows :

Salient features	As per EC (vide EC Identification No. EC22B038WB177119 Dated 12/04/2022)	Total project Scenario after proposed expansion
Land Area	83998.55 sqm (As per physical area) 86202.18 sqm (As per Deed)	25269.35 sqm (As per physical area)
Block details	• Block_1 — G+4, • Block_2 — LG+UG+3 • Block_4— B+G+1 • Block_6—G+5 • Block_8— B+G+2 (Service Block)	• Block_1 — G+4, • Block_2 — LG+UG+4 • Block_6— LG+UG+4 • Block_8— B+G+1 (Service Block)
Total Built-up area	**46655.77 sqm (excluding service areas and above roof areas)** **49402.84 sqm (including service areas and above roof areas)**	**48506.84 sqm (excluding service areas)** **52505.25 sqm (including service areas)**
Expected Population	(Fixed – 41187 Persons, Floating-6584 persons)	1778 nos.
Total Water Requirement	212.72 KLD (Operation Phase)	85 KLD
Fresh Water Requirement	100.44 KLD (HMC)	44 KLD
Wastewater generated	121.74 KLD (to be treated in STP)	64 KLD
Wastewater recycled	112.28 KLD (to be used in dual flushing, road washing and landscaping)	41 KLD
Wastewater discharged	9.46 KLD	23 KLD
Solid Waste disposal	567 kg/day	Total Waste Generation–178 kg/day Bio-degradable Waste -71 kg/day Non-bio degradable Waste- 107 kg/day
Ground Coverage	8292.35 sqm (9.87% of total land area)	8659.79 sqm (34.27%)
Additional Ground coverage	2130.33 sqm (2.54% of total land area)	693.37 sqm (2.74%) (for parking and services)
Exclusive Tree Plantation Area	**16858.15 sqm (20.07% of total land area)**	**5089.56 sqm (20.14%)**
Total Paved Area	32060.96 sqm (38.17% of total land area)	2935.94 sqm (11.62%)
Service Area	325.64 sqm (0.39% of total land area)	--
Pond Area	2873.24 sqm (3.42% of total land area)	--
Area for future development	21457.35 sqm (25.54% of total land area)	--
Internal Road Area	--	7890.69 sqm (31.23%)
No. of plantation proposed	1180 nos.	415 nos.
No. of Parking spaces proposed	50 nos. Trucks, 153 nos. Car	42 nos. Trucks, 121 nos. Car
Total Power Requirement	2233 KVA, WBSEB	2260 kVA
Back-up Power	DG Sets (1x1500 KVA & 2x1010 KVA)	2x750 kVA
Solar Power	23 KVA	20 KW
Project cost (Rs.)	Rs.53,65,20,816.00 (53.65Cr)	Rs.100,00,00,000.00 (100 Cr)

SEAC Observations and Recommendations:

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting

and deliberated on the submissions made by the project proponent. The SEAC observed that the project proponent has not submitted specific and proper reply to the queries raised. Most of the documents sought for are in a stage of application. Hence, the PP is requested to upload the concurrences / permissions from the respective authorities for consideration of the project.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

II. Proposed Logistic Park at L.R Dag No. 3042, 3041, 3058, 3059, 3025, 3067, 3066, 3060, 3027, 3026, 3024,3020, 3029,3017, 3018, 3019, 3021, 3022, 3023, 3071, 3995, 3994, 3993, 3996, 3997, 3991, 3992, 3989, 3990, 3985, 3978, 3974 Mouza- Unsani, J.L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal.

Proposal No.: **SIA/WB/INFRA2/548076/2025**
Project Proponent: **M/s. PS Logistic Park LLP.**
Environmental Consultant: **M/s. ULTRA-TECH.**

Activities:

- This is a proposal for LOGISTIC PARK. The total built-up area of the proposed project is 91535.79 sqm. Total land area is 56382.10 sqm.
- Earlier the project has obtained Environmental Clearance vide EC Identification No. EC22B038WB177119 Dated 12/04/2022 for Block 1 (G+4), Block 2 (LG+UG+3), Block 4 (B+G+1), Block 6 (G+5) and Block 8 (B+G+2) consisting of Built-up area 49402.84 sqm. and total Land Area 86202.18 sqm as per deed and 83998.55 sqm as per physical measurement. Out of the mentioned blocks, the construction status is as below:
  - Block –I: Super structure completed and ongoing finishing work is in progress.
  - Block–II: LG+UG+1st floor completed. 2nd floor being casted.
  - Block–IV: Yet to start
  - Block –VI: foundation work in progress.
  - Block –VIII: B+G+1 Constructed
- Now, the project split into two parts where for this project land area will be limited to 56382.10 sqm where any of the construction activity has not been started yet. Again, for this area of land (56382.10 sqm) separate plan has been sanctioned by the WB Small Industries Development Corporation Ltd. and based on which Environmental Clearance is being applied consisting of Built-up area will be 91535.79 sqm.

Salient Features of the project:

- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below–

Land Area (As per Physical measurement)	56382.10 sqm
Block details	• Block A - LG+UG+3 • Block B - LG+UG+3 • Block C - LG+UG+3 • Block S1 - G+3 • Block S2 - G+3 • Block S3 - G+1
Total Built-up area	**91535.79 sqm**
Expected Population	2047 nos.
Total Water Requirement	111 KLD
Fresh Water Requirement	58 KLD
Wastewater generated	76 KLD
STP capacity	80 KL
Wastewater recycled	53 KLD
Wastewater discharged	22 KLD
Solid Waste disposal	Total Waste Generation–205 kg/day Bio-degradable Waste - 82 kg/day Non-bio degradable Waste- 123 kg/day
Ground Coverage	19687.27 sqm (34.92%)
Exclusive Tree Plantation Area	**11320.58 sqm (20.08%)**
Total Paved Area	22501.01 sqm (39.91%)
Pond Area	2873.24 sqm (5.10%)
No. of plantation proposed	924 nos.
No. of Parking spaces proposed	55 nos. Trucks, 303 nos. Car
Total Power Requirement	1828 kW
Back-up Power	2x1000 kVA
Solar Power	19 KWp
Project cost (Rs.)	Rs.200,00,00,000.00/-

Chronology of the Events:

- Earlier the project has obtained Environmental Clearance vide EC Identification No. EC22B038WB177119 Dated 12/04/2022 for Block 1 (G+4), Block 2 (LG+UG+3), Block 4 (B+G+1), Block 6 (G+5) and Block 8 (B+G+2) consisting of Built-up area 49402.84 sqm. and total Land Area 86202.18 sqm as per deed and 83998.55 sqm as per physical measurement.
- The PP has also obtained Consent to Establish from WBPCB on 29.04.2022.
- The PP has applied in prescribed format for the proposed project for Environmental Clearance and uploaded the proposal in the PARIVESH portal on 13.08.2025.
- **The PP has not submitted Certified Compliance Report (CCR) as per the provision of Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022**.
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP was called for the EC presentation in the 82nd meeting of the SEAC, WB (2023-2026) held on 20.08.2025 and the PP presented their proposal in this meeting.

- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA & PA WII.**
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1. Certified Compliance Report (CCR) as per the provision of Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 along with Action Taken Report.
2. Fire safety recommendation for the project.
3. The building configurations of Blocks S1, S2, S3 of sanction plan dtd. 11.04.2025 and DFO certified Plantation Plan dtd. 30.04.2025 do not match. Revised documents should be submitted.
4. Concurrence regarding waste water disposal, solid waste disposal and storm water discharge from the competent authority.
5. Relocation of trees / parking etc. should be done according to the permission of IOCL. A plan should be submitted in this regard.
6. No DG set should be placed near the IOCL pipeline. Stack height of DG set to revise. A revised layout plan with all finished ground levels as/ IOCL recommendation should be submitted.
7. Concurrence from the electricity authority for the HT line should be submitted.
8. The DFO certified plan does not show the over-head HT line passing through the north-east of the project site. Revised Plantation plan is to be submitted with the HT line marked and plantation below the HT line modified as per concurrence from the electricity authority, in addition to necessary tree relocation to free the IOCL's Right of Way.
9. Service area should be marked in the map. Area for segregation and management of solid waste, especially for the non-compostable packaging waste should be marked in the plan.
10. Undertaking reg. composition of proposed industries to be permitted in the Industrial Building.
11. Comprehensive mobility plan should be submitted.
12. The building type has been considered as commercial, but population calculation for water requirement assessment considers one person per 50 sqm for the Logistic Warehouse blocks, which does not comply with NBC 2016 stipulations. Reasons and revised water calculation to be submitted.
13. Design of STP to be submitted.
14. Proposal for land development and disposal plan for C&D waste should be submitted. C&D waste during construction should be taken into consideration.
15. Analysis report of ground water to be submitted.
16. Storm water management plan to be submitted.
17. Monitoring of the water quality of the pond and maintenance of its embankment as per guidelines should be ensured.

Need-based EMP

18. Revised need-based EMP as per Office Memorandum of MoEF& CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted as discussed in the meeting. Beneficiaries for the social part of EMP should be identified and their consent should be submitted.

Miscellaneous

19. The PP shall install the following :-

    a) Solar smart meter for recording generation.

    b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.

    c) Water quality management system.

    d) STP with the digital data for inlet / outlet for measuring flow along with discharge quality.

    e) Ambient air quality monitoring station based on real time data. Anti-smog gun/ mist canon to be provided especially during the construction period.

    f) Ambient noise quality monitoring station based on real time data.

    g) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.

    h) Piezometer with automatic water level meter connected to an electronic display board.

    Plan in this regard to be submitted.

20. Charging facility for e-vehicles for at least 10% should be provided. Plan in this regard to be submitted.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 03.11.2025, which was considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.
- The PP has submitted Certified Compliance Report dated 12.08.2025 issued by WBPCB.
- The revised salient features of the project is as under:

Land Area (As per Physical measurement)	56382.10 sqm
Block details	• Block A - LG+UG+3 • Block B - LG+UG+3 • Block C - LG+UG+3 • Block S1 - G+3 • Block S2 - G+3 • Block S3 - G+1
Total Built-up area	**91535.79 sqm**
Expected Population	3312 nos.
Total Water Requirement	164 KLD
Fresh Water Requirement	88 KLD
Wastewater generated	114 KLD
STP capacity	120 KL
Wastewater recycled	76 KLD

Wastewater discharged	37 KLD
Solid Waste disposal	Total Waste Generation–331 kg/day Bio-degradable Waste - 132 kg/day Non-bio degradable Waste- 199 kg/day
Ground Coverage	19687.27 sqm (34.92%)
Exclusive Tree Plantation Area	**11320.58 sqm (20.08%)**
Total Paved Area	22501.01 sqm *(*39.91%*)*
Pond Area	2873.24 sqm (5.10%)
No. of plantation proposed	924 nos.
No. of Parking spaces proposed	55 nos. Trucks, 303 nos. Car
Total Power Requirement	1828 kW
Back-up Power	2x1000 kVA
Solar Power	19 KWp
Project cost (Rs.)	Rs.200,00,00,000.00/-

SEAC Observations and Recommendations:

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. The SEAC scrutinized the documents in the meeting and deliberated on the submissions made by the project proponent. The SEAC observed that the project proponent has not submitted specific and proper reply to the queries raised. Most of the documents sought for are in a stage of application. Hence, the PP is requested to upload the concurrences / permissions from the respective authorities for consideration of the project.

  The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

  All the documents should be duly signed both by the project proponent and the environmental consultant.

  The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

2.2.2) Mining of Minerals (other than sand):

I. Proposed Barsal Shrirampur & Duberdanga Blackstone Mine over an area of 2.860 ha. at Mouza: Barsal Shrirampur & Duberdanga, J.L. No.: 6 & 5, Plot No.: 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2502, 2503, 2504, 2505, 2506, 2508, 2509/3089P, 2509/3088P, 1949P, P.S.: Gangajalghati, District: Bankura, West Bengal.

Proposal No. **SIA/WB/MIN/549417/2025**
Project Proponent - **M/s. Buildmax Infra.**
Environmental Consultant - **M/s. Centre for Envotech and Management Consultancy Private Limited**

Activity:

- This is a proposal for Barsal Shrirampur & Duberdanga Blackstone Mine over an area of 2.860 ha. at Mouza: Barsal Shrirampur & Duberdanga, J.L. No.: 6 & 5, Plot No.: 2490,

2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2502, 2503, 2504, 2505, 2506, 2508, 2509/3089P, 2509/3088P, 1949P, P.S.: Gangajalghati, District: Bankura, West Bengal.

- **The project is falling within the DSR potential zone code BNK_BS_ZONE_01.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA WII. The nearest RFA – BANKURA NORTH is at a distance of 0.23 km.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for black stone mining. The Plan has been approved by the State Government on 19.08.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP. **The reserves and production figures in the mine plan has been given for a period of three years**.
- Year wise production details of Black stone as mentioned in the Mining Plan is given below :-

Year	RL	Avg. Area (Sq. M.)	Height (M)	Volume (Cum)	Specific Gravity	Volume (T)	Volume (Mt)	Total Cumulative	Individual	Mineral Rejects	Extractable Reserve (Mt)
1ST	99.02-91.52	5686.95	7.5	42652.13	2.782	118658.23	0.1187	0.2935	0.2935		0.2876
	91.52-84.02	4070.16	7.5	30526.20	2.782	84923.89	0.0849				
	84.02-76.52	2574.08	7.5	19305.60	2.782	53708.18	0.0537				
	76.52-69.02	1545.02	7.5	11587.65	2.782	32236.84	0.0322				
	69.02-67.47	924.35	1.55	1432.74	2.782	3985.88	0.0040				
2ND	99.02-91.52	10639.12	7.5	79793.40	2.782	221985.24	0.2220	0.6120	0.3185	2%	0.3121
	91.52-84.02	8177.65	7.5	61332.38	2.782	170626.68	0.1706				
	84.02-76.52	5960.34	7.5	44702.55	2.782	124362.49	0.1244				
	76.52-69.02	4047.63	7.5	30357.23	2.782	84453.81	0.0845				
	69.02-67.47	1517.62	1.55	2352.31	2.782	6544.13	0.0065				
		924.35	1.55	1432.74	2.782	3985.88	0.0040				
3RD	99.02-91.52	16917.91	7.5	126884.33	2.782	352992.21	0.3530	1.1131	0.5011		0.4911
	91.52-84.02	14181.85	7.5	106363.88	2.782	295904.31	0.2959				
	84.02-76.52	11610.34	7.5	87077.55	2.782	242249.74	0.2422				
	76.52-69.02	9185.74	7.5	68893.05	2.782	191660.47	0.1917				
	69.02-67.47	6093.63	1.55	9445.13	2.782	26276.35	0.0263				
		924.35	1.55	1432.74	2.782	3985.88	0.0040				
TOTAL									**1.113**		**1.091**

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Letter of Intent for the project from the competent authority.
- The PP has uploaded non-cluster certificate from the competent authority. **The mine block is not forming cluster with any adjacent mine block.**
- The PP has submitted the EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted the need-based activities for the project.

Salient features of the project

- Salient features of the project as submitted by the PP is as below :

Name of the project	Barsal Shrirampur & Duberdanga Blackstone Mine
Project proponent	Buildmax Infra
Location of the project	Mouza: Barsal Shrirampur & Duberdanga, J.L. No.: 6 & 5, Plot No.: 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2502, 2503, 2504, 2505, 2506, 2508, 2509/ 3089P, 2509/ 3088P, 1949P, P.S.: Gangajalghati, District: Bankura
Project Area	2.86 ha
DSR potential zone code	BNK_BS_ZONE_01
Proposed area for green belt/plantation	Plantation will be done along the safety zone of the mine site during the first two years of the project life.
No. of saplings proposed	2360
Amount for plantation	Rs.1,50,000/-
Total Project Cost	Rs.1,61,50,000/-
Amount for need-based activities	Rs.3,23,000/-

Chronology of Events

- The PP applied in prescribed format for the project for Environmental Clearance and uploaded the application in the PARIVESH portal on 04.09.2025.
- The PP was called for the EC presentation in the 84thmeeting SEAC, WB (2023-2026) held on 10.09.2025 and the PP presented their proposal in this meeting.
- The SEAC scrutinized the documents submitted by the PP in the 84th meeting SEAC, WB (2023-2026) held on 10.09.2025. Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations :

Mandatory documents

1) All the documents should be duly signed both by the project proponent and the environmental consultant before being uploaded in the Parivesh portal.
2) Impact of blasting in nearby areas. Plan for mitigation of the impact of blasting / mining activities on local flora and onsite fauna. A study should be made on the existing local flora and fauna.
3) Surface and ground water hydrology should be submitted.
4) Study report on fracture analysis with respect to groundwater flow.
5) Water table measurements in dug wells and tube wells including the total depth of the wells and height of water table with respect to mean sea level intersection should be submitted along with mine de-watering plan and the impact of mining on aquifer system(s) of the area.
6) Details of backfilling plan is to be indicated.

7) Dust mitigation plan for the project should be submitted.

8) Plan and location for storage of the over burden.

9) Break up of project cost. The land cost as per the current valuation and the royalty and bid value. should be included in the project cost.

10) Impact of noise and transportation on the nearby habitation may be studied and submitted.

11) Impact of mining activities including blasting and transportation on the adjacent agricultural lands, crops, soil and fertility should be studied and submitted.

Greenbelt and plantation

12) **The PP has to submit a greenbelt plan for minimum 33% of the plot area.** A Progressive Greenbelt Plan should be submitted in the above area in compliance with the mine plan @2500 trees / ha. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation.

To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. The document for ownership of the land or of lease, if applicable, to be used for plantation should be furnished.

13) The land break-up of the proposed greenbelt area should be provided in a tabular format as below and clearly referred to /marked in the green belt plan:

Land ID/ Dag no.	Land area (acres/ decimal and % of plot)	Ownership/ lease (with supporting document)	Lease period (if applicable)

Miscellaneous

14) Haul road to be shown in the layout plan. Co-ordinates of present google-earth picture should match with the same of the project site.

15) The areas for plantation, storage of overburden and temporary storage of mined minerals should be marked both on the plan and on the google map/kml. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

16) Top soil in the project area shall be conserved and reused for greenbelt development to the maximum extent possible.

17) Details of mine closure plan. Fencing around the abandoned- mine- turned- water body should be provided. The embankment should also be protected as per rules.

18) Ground vibrations caused owing to blasting is to be recorded for all the blasts and confirm that those are within safe limit for nearby domestic and other structures as per DGMS circular 7of 1997.

The SEAC recommended that the above document may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 30.10.2025, which was considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.

SEAC Observations and Recommendations:

- The SEAC scrutinized the documents submitted by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed, the SEAC **recommended the proposed project for Environmental Clearance** with the conditions that –

  1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

  2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

  1) **The validity of the EC should be limited upto three years.**

  2) Water level report with respect to ground water level and mean sea level should be submitted along with first six-monthly report.

  3) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipment (PPEs) should be provided for them.

  4) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.

  5) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees should be planted as compensatory plantation; the land for such plantation should be marked.

     This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Geo-tagged photographs of plantation undertaken by the PP for the project should be submitted along with the six-monthly compliance report.

  6) Monitoring of PM_{10}, $PM_{2.5}$ and its SiO_2 (free silica) content should be done along with noise levels.

  7) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.

  8) Year-wise excavation schedule showing breakup of pay-mineral and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for

intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.

9) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.

10) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

11) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.

12) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

13) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorized by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

14) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

15) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.

16) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.

17) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

2.2.3) Mining of Minerals:

I. Proposed Jafrabad Sand Mine [Sand Block No.: BARDHAMAN-II/JAFRABAD/251(P)/D] over an area of 2.08 Hectare (5.15 Acres) on the river Damodar at plot no: 251(P), J.L. No.- 159, Mouza: Jafrabad, P.S.- Burdwan, District: Purba Bardhaman, West Bengal.

Proposal No.: **SIA/WB/MIN/547914/2025**
Project Proponent: **M/s. Mondal Traders**
Environmental Consultant: **M/s. Chaitanya Projects Consultancy Limited.**

Activities:

- This is a proposal for Jafrabad Sand Mine [Sand Block No.: BARDHAMAN-II/JAFRABAD/251(P)/D] over an area of 2.08 Hectare (5.15 Acres) on the river Damodar at plot no: 251(P), J.L. No.- 159, Mouza: Jafrabad, P.S.- Burdwan, District: Purba Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PBBD_BD2_DA_15A.**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ, RFA and PA.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 12.03.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.08	1.64	2.94	61,152	48,216	100%
2	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
3	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
4	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
5	2.08	1.64	2.2344	46,475.52	36,644.16	76.00%
Total Reserves				**2,47,054.08**	**1,94,792.64**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded LoI from the competent authority.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming cluster with adjacent 6 (six) no. of sand block of** LTML2.02/Purba Bardhaman by **Prabhat Bauri**, 2018_WB_1046/Purba Bardhaman by **Geetanjali Infrastructure & Earth Movers**, 2018_WB_1047/Purba Bardhaman by **Geetanjali Infrastructure & Earth Movers**, 2018_WB_1189/Purba Bardhaman by **Sayed Neajuddin**, 2017_WB_299/Purba Bardhaman by M/s. **G.S. Industries** & 2017_DMBUW_676/Purba Bardhaman by **Himansu Santra** respectively**.**
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- The PP has submitted need-based EMP for the project.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Jafrabad Sand Mine
Project proponent	Ashif Mondal
Location of the project	Mouza- Jafrabad, P.S.- Bardhaman, District – Purba Bardhaman, State – West Bengal.
Project Area	2.08 Hectare/ 5.15 Acres
Name of the river	Damodar
DSR potential zone code	PBBD_BD2_DA_15A
Proposed area for green belt/plantation	0.69 Ha
No. of saplings proposed	1,720 (in total)
Amount for plantation	Rs. 3,44,000 (total in 5 years)
Total Project Cost	Rs. 2.59 Crore
Amount for need-based activities	Rs. 1,68,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 29.06.2024 (Proposal no. SIA/WB/MIN/482919/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5792226N Dated: 12.08.2024.
- Public Hearing was conducted by WBPCB on 30.07.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 15.09.2025.
- The PP was called for the EC presentation in the 85th meeting of SEAC, WB (2023-2026) held on 18.09.2025 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC considered the submission made by the PP in the 85th meeting of SEAC, WB (2023-2026) held on 18.09.2025. After careful consideration and detailed deliberation, the SEAC recommended that **revised need based EMP should be submitted as discussed in the meeting**.
- The project proponent uploaded their reply in PARIVESH Portal on 04.11.2025, which has considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.

SEAC Observations and Recommendations:

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation,

the committee **recommended the proposed project for Environmental Clearance** with the additional condition that -

1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.
2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.
2) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.
3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.
4) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
5) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
6) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
7) Transportation plan should be provided in six monthly compliance report.
8) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

II. Proposed Gaitanpur Sand Mine [Sand Block No.: KHND/GAITANPUR/1903&ORS/J] over an area of 2.70 Hectare (6.66 Acres) on the river Damodar at Plot No: 1903 & ORS., J.L. No.-65, Mouza: Gaitanpur, P.S. Khandaghosh, District: Purba Bardhaman, West Bengal.

Proposal No.: SIA/WB/MIN/540791/2025

Project Proponent: **M/s. New Kalimata Sand Supply (Partner- Krishna Som)**

Environmental Consultant: **M/s. Palle Business House.**

Activities:

- This is a proposal for Gaitanpur Sand Mine [Sand Block No.: KHND/GAITANPUR/1903&ORS/J] over an area of 2.70 Hectare (6.66 Acres) on the river Damodar at Plot No: 1903 & ORS., J.L. No.-65, Mouza: Gaitanpur, P.S. Khandaghosh, District: Purba Bardhaman, West Bengal.
- **The project is falling within the DSR potential zone code PBBD_BD1_DA_10(XB).**
- **According to the DSS of the PARIVESH portal, the project area does not touch any CRZ, ESZ and PA. The nearest RFA – BURDWAN is at a distance of 4.88 KM.**
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The revised plan has been approved by the State Government on 09.01.2025 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The reserves and year wise production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Production Area (HA)	Thickness (m)	Geological Reserve (cum)	Mineable Reserve (cum)	Replenishment Rate
1	2.70	2.20	2.90	78,300	63,800	100%
2	2.70	2.20	2.2475	60,682.5	49,445	77.50%
3	2.70	2.20	2.2475	60,682.5	49,445	77.50%
4	2.70	2.20	2.2475	60,682.5	49,445	77.50%
5	2.70	2.20	2.2475	60,682.5	49,445	77.50%
Total Reserves				**3,21,030**	**2,61,580**	

- The Project Proponent (PP) has uploaded pre-feasibility report for the proposed project.
- The PP has obtained EC issued by DEIAA vide Memo No. Misc./445/MM/DEIAA/2018 dated 24.04.2018**.**
- The PP has submitted copy of LoI dated 30.06.2017.
- **The PP has received lease deed for the project for a period of 5 (five) years from 02.05.2022**.
- The PP has uploaded cluster certificate from the competent authority. **The sand block is forming a cluster with adjacent 1 (one) no. sand block – having BID ID 2017_WB_100 of Kartick Chandra Ghosh.**
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
- **Although, the PP has submitted need-based EMP for the project, the committee observed that the documents received from the beneficiaries do not have the signature of the PP**.

Salient Features of the project:

- Salient features of the proposed project as submitted by the PP is as below –

Name of the project	Gaitanpur Sand Mine
Project proponent	New Kalimata Sand Supply (Prop. – Krishna Som)
Location of the project	Mouza- Gaitanpur, P.S.- Khandaghosh, District – Purba Bardhaman, State – West Bengal.
Project Area	2.70 Ha/ 6.66 Acres
Name of the river	Damodar
DSR potential zone code	PBBD _BD1_DA_10(XB)
Proposed area for green belt/plantation	0.89 Ha
No. of saplings proposed	2,226 (in total)
Amount for plantation	Rs. 4,45,200 (total in 5 years)
Total Project Cost	Rs. 3.61 Crore
Amount for need-based activities	Rs. 7,22,000 (This amount will be spent over a period of 2 years)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.01.2025 (Proposal no. SIA/WB/MIN/502231/2024).
- The PP obtained Terms of Reference issued by SEIAA vide ToR Identification No. TO24B0107WB5418041N Dated: 24.02.2025.
- Public Hearing was conducted by WBPCB on 20.05.2025.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 23.08.2025.
- The PP was called for the EC presentation in the 83rd meeting of SEAC, WB (2023-2026) held on 27.08.2025 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 83rd meeting of SEAC, WB (2023-2026) held on 27.08.2025. After careful consideration and detailed deliberation, the committee recommended that the PP should submit the following :-

  1) The letter to the beneficiaries addressed by the PP does not contain any signature. Fresh signed letter to the beneficiaries should be issued and their consent received.
  2) Communication from beneficiaries should be signed by the respective beneficiaries.

3) Plantation plan for the project for at least 33% of the plot area. Full names of the trees to indicate. Original NOC from gram panchayat with physical signature to submit.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 30.10.2025, which has considered in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025.

SEAC Observations and Recommendations:

- The SEAC considered the submission made by the PP in the 89th meeting of SEAC, WB (2023-2026) held on 12.11.2025. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that -

1) drinking water facility with adequate water filtration should be provided to the schools under need-based EMP.

2) At least 50% of the amount proposed for need based EMP should be submitted to WBPCB for conducting various environmental projects, environmental awareness programs, R&D projects related to environment etc.

- The following documents should also be submitted along with the six-monthly compliance report:

1) **The validity of the EC should be limited upto 01.05.2027.**

2) Study report of zoo plankton and phyto plankton in the river should be submitted along with the first six-monthly compliance report.

3) Monthly monitoring of base flow level at four points of the project should be conducted and to be reported in the six-monthly compliance report.

4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within **01.05.2027**. To enhance success/ survival rate the plantation done shall be taken care of during the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

5) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

6) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

7) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within **01.05.2027**. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

8) Transportation plan should be provided in six monthly compliance report.

9) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

10) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

11) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the eighty-ninth meeting held on 12.11.2025 and the Summary Decisions thereof:

Sl. No.	Name of the unit and Project address	Summary Decision
1. Cases for Technical Presentation		
1.1) Terms of Reference		
1.1.1) Mining of Minerals (other than sand)		
I.	M/s. Westwell Consultants Private Limited. Proposed Baruagopalpur Blackstone Mine over an area of 4.87 ha (12.034 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal, West Bengal. (Proposal No.: SIA/WB/MIN/552119/2025)	Recommended for Terms of Reference
II.	M/s. S B Construction And Company Proposed Baruagopalpur Blackstone Mine over an area of 4.85 ha (11.985 Acres) at Mouza: Baruagopalpur, J.L. No.: 01, Plot no.: 4259(P). P.S: Murarai-I, District: Birbhum, West Bengal. (Proposal No.: SIA/WB/MIN/555562/2025)	Recommended for Terms of Reference
1.1.1) Industry Sector		
I.	Public Works Department Proposed preparation of Major Bridge over River Bhagirathi including Viaducts, ROBs, Interchanges, other Major and Minor Bridges, Grade Separators etc. Connecting Kalna of STKK Road and Gobindapur of NH 12 (Old NH 34) in the District of Purba Bardhaman and Nadia in West Bengal. (Proposal No.: SIA/WB/INFRA1/556343/2025)	Recommended for Terms of Reference
1.2) Environmental Clearance		
1.2.1) Mining of Minerals		
I.	Sk Asraful Proposed Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/191/2016] over an area of 2.12 Hectare/5.25 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.: Nanoor, J.L. No.: 115, District: Birbhum, West Bengal. (Proposal No.: SIA/WB/MIN/544575/2025)	Recommended for Environmental Clearance
II.	M/s. Maihar Developers Proposed D Bhasapur Sand Mine [Sand Block No.: GALSI-II/D BHASAPUR/439(P), 765(P)/C] over an area of 3.52 Hectares/8.71 Acres on river Damodar at Plot No: 439(P), 765(P), J.L. No.-79, Mouza: D Bhasapur, P.S. Galsi, District: Purba Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/555267/2025)	Additional Details Sought

Sl. No.	Name of the unit and Project address	Summary Decision
III.	Mona Hembram Proposed Jujuti Sand Mine [Sand Block Code. GALSI-II/JUJUTI/1114(P)/H] over an area of 3.93 Hectare/9.70 Acres on river Damodar at Plot No: 1114(P), J.L. No.-123, Mouza: Jujuti, P.S: Galsi, District: Purba Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/546782/2025)	Recommended for Environmental Clearance
IV.	M/s. Ankur Biochem Private Limited Proposed Bamunia Sand Mine [Sand Block No. BIR/NANOOR/BAMUNIA/192/2016] over an area of 2.20 Hectare/5.43 Acres on river Ajay at Plot no: 1399(P) in Mouza: Bamunia, P.S.- Nanoor, J.L. No.- 115, District: Birbhum, West Bengal. (Proposal No.: SIA/WB/MIN/509580/2025)	Recommended for Environmental Clearance
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed WB_PB_AJ_A1 Sand Mine over an area of 21.35 ha (52.76 acres) on the Ajay River bed at Plot no: 1109, J.L. No. - 13, Mouza: Putulia, Block & P.S.: Barabani, District: Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/547793/2025)	Additional Details Sought
VI.	Prashanta Mondal Proposed Chabukya Sand Mine [Sand Block No. MSHB-12] over an area of 4.51 Hectare/ 11.14 Acres (after surrendering project area is 4.45 Hectare/ 10.99 Acres) on river Subarnarekha at Plot no: 425(P) in Mouza: Chabukya, P.S.- Sankrail, J.L. No.- 67, District: Jhargram, West Bengal. (Proposal No.: SIA/WB/MIN/545802/2025)	Additional Details Sought
VII.	Anil Kumar Singh Proposed Putulia Sand Mine over an area of 3.55 ha (8.77 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza: Putulia, P.S.: Barabani, District: Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/551187/2025)	Additional Details Sought
VIII.	M/s. Greego Drive Private Limited Proposed Balia Sand Mine [Sand Block No.: MGB-60] over an area of 4.52 Hectare/11.17 Acres on river Subarnarekha at plot no: 982(P) & 1283(P), J.L. No-156, Mouza: Balia, P.S.-Beliaberah, District- Jhargram, West Bengal. (Proposal No.: SIA/WB/MIN/553277/2025)	Additional Details Sought
IX.	Amarendra Tiwari Proposed Putulia Sand Mine over an area of 3.79 ha (9.36 acres) on the Ajay riverbed at Plot no: 1108(P), J.L. No. - 13, Mouza: Putulia, P.S.: Barabani, District: Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/551219/2025)	Additional Details Sought

Sl. No.	Name of the unit and Project address	Summary Decision
X.	M/s. Maa Durga Coal Traders (Prop: Jitendra Kumar Mishra) Proposed Selimabad Sand mine [Sand Block No.: JAMALPUR/SELIMABAD/952(P), 953(P)/A] over an area of 2.18 Hectare/5.39 Acres (after surrendering the project area is 1.92 ha /4.74 acres) on river Damodar at plot no: 952(P), 953(P), J.L. No.-30, Mouza: Selimabad, P.S. Jamalpur, District: Purba Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/551390/2025)	Recommended for Environmental Clearance
XI.	Prasenjit Maji Proposed Katna Sand Block 0117DR009 comprising an area of 2.49 Hectare (6.15 Acres) on Dwarakeswar River at J. L. No. – 79, Plot No. 1047 (p), Mouza – Katna, Village – Katna, Police Station – Bishnupur, District – Bankura, West Bengal. (Proposal No.: SIA/WB/MIN/549910/2025)	Recommended for Environmental Clearance
1.1.3) Mining of Minerals (other than sand)		
I.	M/s. Reach Dredging limited. Proposed Panchapani Black Stone Mine comprising of an area of 3.921 Ha. (9.69 Acres) at Plot No. – 952, 953, 1048, 1049, 1051, 1052, 1054, 1055, 1057, 1062, Mouza – Panchapani, P.S. – Belpahari Block- Binpur-II, J.L. No. -04, District – Jhargram, West Bengal. (Proposal No.: SIA/WB/MIN/555310/2025)	Additional Details Sought
II.	M/s. Maa Durga Infra. Proposed Ramchandrapur Black Stone Mine over an extent of 3.060 Ha (7.58 acres) at Mouza - Ramchandrapur, PS & Block –Mejia, J.L. No.- 65, Plot No. – 2901(P), 2901/3061, District –Bankura, West Bengal. (Proposal No.: SIA/WB/MIN/555020/2025)	Additional Details Sought
III.	M/s. Re Buildcon Private Limited. Proposed Debogram Black Stone Project over an extent of 4.055 Ha (10.02 acres) at Mouza - Debogram, PS & Block –Mejia, JL No. -66, Plot No. – 624(P), District –Bankura, West Bengal. (Proposal No.: SIA/WB/MIN/554661/2025)	Additional Details Sought
1.1.3) Industry Sector		
I.	M/s. SPS Steels Rolling Mills Limited. Proposed expansion of existing Structural Rolling Mill (1,05,600 TPA) by installation of Steel Melting Shop (1,18,800 TPA) at Nasser Hussain Avenue, PO-Bidhannagar, PS – Coke Oven, Tehsil- Faridpur Durgapur, District – Paschim Bardhaman, West Bengal-713212, West Bengal. (Proposal No.: SIA/WB/IND1/554972/2025)	Additional Details Sought
II.	Moti Lal Mohata, Proprietor of M/s. Mohta Chemicals). Proposed Synthetic Resin Manufacturing Plant (UF, PF & MUF Resin) of Capacity 10 TPD at Plot No. 799, JL no. -	Additional Details Sought

Sl. No.	Name of the unit and Project address	Summary Decision
	116, Khatian No. 1483, Village: Nendarpar, Block: Mathabhanga- 1, District: Cooch-Behar, West Bengal, PIN:736146. (Proposal No.: SIA/WB/IND3/555752/2025)	
2. Reconsideration Proposals		
2.1) Terms of Reference		
2.1.1) Industry Sector		
I.	M/s. Eastern Coalfields Limited. Proposed Moira Under Ground Coal Mine of Raniganj Coalfield comprising of an area of 455.69 Ha of production capacity of 0.75 MTPA at Sub-Division: Durgapur, Block: Andal, Dist – Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/CMIN/541674/2025)	Recommended for Terms of Reference
2.1.2) Mining of Minerals (other than sand)		
I.	Arun Kataruka. Proposed Hesla Blackstone Mine over an area of 5.989 ha at Mouza- Hesla, P.S. & Block- Manbazar-II, J.L. No.-207, Plot No.-1630, District Purulia, West Bengal. (Proposal No.: SIA/WB/MIN/535077/2025)	Rejected
2.2) Environmental Clearance		
2.2.1) Construction Sector		
I.	M/s. Howrah Haat Developers Pvt. Ltd. & Rajeshwari Enclave Pvt. Ltd. Proposed Modification cum Expansion of Garment and Logistic Park at L.R Dag No. 3898, 3899, 3895, 3900, 3889, 3894, 3890, 3891, 3887, 3970, 3971, 3886, 3885, 3884, 3883, 3972, 3973, 3975, 3977, 3976, 4036, 3978, 3984 Mouza- Unsani, J.L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal. (Proposal No.: SIA/WB/INFRA2/548036/2025)	Additional Details Sought
II.	M/s. PS Logistic Park LLP. Proposed Logistic Park at L.R DAG No. 3042, 3041, 3058, 3059, 3025, 3067, 3066, 3060, 3027, 3026, 3024,3020, 3029,3017, 3018, 3019, 3021, 3022, 3023, 3071, 3995, 3994, 3993, 3996, 3997, 3991, 3992, 3989, 3990, 3985, 3978, 3974 Mouza- Unsani, J.L No.110, Under Bally Jagacha Block, Near Kona Expressway, Howrah- 711101, West Bengal. (Proposal No.: SIA/WB/INFRA2/548076/2025)	Additional Details Sought
2.2.2) Mining of Minerals (other than sand)		
I.	M/s. Buildmax Infra. Proposed Barsal Shrirampur & Duberdanga Blackstone Mine over an area of 2.860 ha. at Mouza: Barsal Shrirampur & Duberdanga, J.L. No.: 6 & 5, Plot No.: 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2502, 2503, 2504, 2505, 2506, 2508, 2509/3089P, 2509/3088P, 1949P, P.S.: Gangajalghati, District: Bankura, West Bengal. (Proposal No.: SIA/WB/MIN/549417/2025)	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
2.2.3)	Mining of Minerals	
I.	M/s. Mondal Traders. Proposed Jafrabad Sand Mine [Sand Block No.: BARDHAMAN-II/JAFRABAD/251(P)/D] over an area of 2.08 Hectare (5.15 Acres) on the river Damodar at plot no: 251(P), J.L. No.- 159, Mouza: Jafrabad, P.S.- Burdwan, District: Purba Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/547914/2025)	Recommended for Environmental Clearance
II.	M/s. New Kalimata Sand Supply (Partner- Krishna Som). Proposed Gaitanpur Sand Mine [Sand Block No.: KHND/GAITANPUR/1903&ORS/J] over an area of 2.70 Hectare (6.66 Acres) on the river Damodar at Plot No: 1903 & ORS., J.L. No.- 65, Mouza: Gaitanpur, P.S. Khandaghosh, District: Purba Bardhaman, West Bengal. (Proposal No.: SIA/WB/MIN/540791/2025)	Recommended for Environmental Clearance

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.

Sd/-

(Anirban Gupta)
Chairman
S E A C, West Bengal

Sd/-

(Pradip Sikdar)
Member
S E A C, West Bengal

Sd/-

(Indranath Sinha)
Member
S E A C, West Bengal

Sd/-

(Sampa Chakrabarti)
Member
S E A C, West Bengal

Sd/-

(Aniruddha Mukhopadhyay)
Member
S E A C, West Bengal

Sd/-

(Suchandra Bardhan)
Member
S E A C, West Bengal

Sd/-

(Shubhendu Bandyopadhyay)
Member
S E A C, West Bengal

Sd/-

Jagdish Prasad Meena, IAS
Secretary
S E A C, West Bengal

Signature Not Verified
Digitally Signed by : Shri Jagdish Prasad Meena IAS
Member Secretary, SEAC
Date: 27/11/2025