

Minutes of the seventy fourth meeting of the State Level Expert Appraisal Committee, West Bengal held on April 12, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 74th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal was held on 12.04.2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhan Nagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Dr. Ashit Kumar Mukherjee	Chairman, SEAC	Present
3)	Dr. Nilangshu Bhusan Basu	Member, SEAC	Present
4)	Prof. (Dr.) Anirban Gupta	Member, SEAC	Present
5)	Prof. (Dr.) Sampa Chakrabarti	Member, SEAC	Present
6)	Prof. (Dr.) Goutam Kumar Saha	Member, SEAC	Present
7)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
8)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
9)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
10)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

1) TECHNICAL PRESENTATIONS:-

1.1) For Terms of Reference

1.1.1) Mining of Minerals :

- I. **Proposed Indus Sand Mine (MIN_BNK_53) over an area of 15.87 ha (39.21 Acres) on the Dwarakeswar River at Mouza – Shanpura, Plot No. 794, JL No 57 & Mouza Bhabapur, Plot No. 808, JL No. 100, P.S.– Indus, Dist.– Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/424119/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Indian Mine Planners and Consultants.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_53 Sand Block over an area of 15.87 ha (39.21 Acres) on the Dwarakeswar River at Mouza – Shanpura, Plot No. 794, JL No 57 & Mouza Bhabapur, Plot No. 808, JL No. 100, P.S.– Indus, Dist.– Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 04(I/301012/2022)-ICE-12011(99)/27/2022-MINES SEC-Dept of ICE Dated 03.01.2023.
- 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 27.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 1293942.24 m³ of sand and geological reserve of 1637784 m³.

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 30.03.2023.
- The PP was called for the ToR presentation in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, 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.
 4. 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 5. A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
 6. Management plan of haul road to the public road.
 7. Spatial year wise progressive plantation programme.

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 environmental the consultant.

II. Proposed MIN_BNK_16_B Sand Mine over an area of 12.51 ha (30.89 Acres) on the Damodar River at J.L. No.- 28, Plot No: - 869, Mouza: Tasuli, Block: - Patrasayer, District: - Bankura, West Bengal.

Proposal No.	SIA/WB/MIN/417897/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Centre for Envotech and Management Consultancy Private Limited.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_16_B Sand Mine over an area of 12.51 ha (30.89 Acres) on the Damodar River at J.L. No.- 28, Plot No: - 869, Mouza: Tasuli, Block: - Patrasayer, District: - Bankura, West Bengal.
- 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 21.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 1307145.60 m³ of sand and geological reserve of 1477180.8 m³.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 30.03.2023.
- The PP was called for the ToR presentation in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

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

Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-

1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, 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.
4. 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
5. A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
6. Management plan of haul road to the public road.
7. Spatial year wise progressive plantation programme.

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 environmental the consultant.

1.1.2) Industry Sector :

- I. **Proposed expansion project for installation of Reheating Furnace and Rolling Mill of 18000 TPA at JL No. 102, Khatian No. 97, 104, 119, Vill – Ranpur-Murgabani, PO – Bonra, PS – Neturia, Dist – Purulia, PIN – 723121, West Bengal.**

Proposal No.

SIA/WB/IND/73871/2022

Project Proponent:

M/s. Majee Iron & Minerals Private Limited

Environmental Consultant:

M/s. Pacific Scientific Consultancy Pvt. Ltd.

Activity:

- This is a proposal for expansion of the existing unit by installing Reheating Furnace and Rolling Mill in the existing land located at JL No. 102, Khatian No. 97, 104, 119,

Vill – Ranpur-Murgabani, PO – Bonra, PS – Neturia, Dist – Purulia, PIN – 723121, West Bengal.

- The proposed expansion has been planned based on the following operating conditions:

Total No. of Rolling Mill	1 No.
Rated Capacity	60 Ton
No of working hour/ day	22Hrs.
Efficiency	100%
Installed Production Capacity/Day	60 Ton
No. of Working Days	300 Days
Annual Installed Capacity	18000 TPA

Salient Features :

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Project location	JL No. 102, Khatian No. 97, 104, 119, Vill – Ranpur-Murgabani, PO – Bonra, PS – Neturia, Dist – Purulia, PIN – 723121, West Bengal.			
Total Land Area	4.04 acres (16349.3sqm)			
greenbelt	33.16 % of the total area i.e., 5421 Sq.m.			
Raw Materials		Raw Material Requirement for production of 1 tonne of structural material (steel)		
		Ingredient	Consumption Norms- Quantity in Ton	
		Billet	1.050 tonnes	
		Raw Material Requirement for production of structural material (steel) at 100% capacity		
		Raw Material Requirement	Plant Capacity	Quantity of Raw Material
		Billet	18,000 Ton	18,900 Ton
Plant Capacity		Particulars	Existing	Subsequent Modification/Addition
		MS Binding Wire	Rolling mil	--
		Welding Electrode Rod	6000 Kg/day	--
		Reheating Furnace	--	6Ton/Hr.
		Rolling mil	--	18000 TPA
Project cost	Rs. 552.11 Lakh.			
latitude and longitude	23°38'14"N, 86°50'14"E			
Total Water requirement			Required for Existing water (KLD)	Requirement for Proposed water (KLD)
		Water for cooling (Make up)	--	5
		Domestic Purpose & other uses	3	5
		Total	3	10
Manpower	Existing – 40- and proposed -92 nos.			
Power requirement	1700 kVA by India Power Corporation (Existing – 700 kVA and additional – 1000 KVA)			
D.G. set	(Existing - 1x110kVA)			

Chronology of the Events:

- The proponent applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 25.03.2022.
- The project proponent was called for the ToR presentation in the 42nd SEAC meeting held on 01.06.2022.
- Project proponent was not present in the meeting for their ToR presentation. The SEAC decided that the PP should submit reasons for their absence on consideration of which they may, in a subsequent meeting, be allowed to present their case for issuance of ToR.
- The project proponent submitted a prayer on 10.02.2023 in PARIVESH portal requesting for a presentation of their proposal which was considered in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- The PP did not appear before the SEAC for ToR presentation. The SEAC noted that the PP did not appear for their presentation twice consecutively. Therefore, the SEAC decided that the PP should explain the reasons for his absence. If only the reasons are found to be acceptable and satisfactory, the PP may be allowed to present his case in a subsequent meeting. On being so allowed the PP may appear for the presentation along with the NABET accredited consultant engaged by him.

1.1.3) Construction Sector :

- I. **Proposed Modification & Expansion of Residential Complex at Old Calcutta Road, Mouza- Patulia, R.S. Dag Nos. 696(P), 697 - 700, 737(P), 743, 744(P), 749, 750, 754 - 762, 766(P), 768 - 774, 776, 777, 844(P), 845(P), 846, 847(P), 849 - 851, 853 - 858, 767/1687, 770/1251, 770/1252, 771/1253, 777/1254 & 856/1260, Corresponding To L.R. Dag Nos. 1554 - 1557, 1583, 1585(P), 1586 - 1591, 1594, 1595(P), 1596 - 1599, 1635(P), 1661(P), 1702 - 1720, 1722 - 1724, 1726, 1732(P), 1733, 1734(P), 1735, 1736(P), 1824, 1825, J.L.-4, Under Patulia Gram Panchayat, Police Station - Khardah, Kolkata -700119, District - North 24- Parganas, West Bengal (VIOLATION CASE).**

Proposal No.	SIA/WB/INFRA2/424134/2023
Project Proponent	M/s. Power Point Buildcon Pvt. Ltd.
Environmental Consultant	M/s. Centre for Sustainable Development

Activities:

- This is a proposal for vertical expansion (Phase II) of existing 5 nos. of G+11 storey to G+14 storey, 2 nos. residential blocks of G+14 storied, 8 nos. residential blocks of G+13 storied, 2 nos. residential blocks of (G+12) storied, 1 no. of (B+G+7) storied car parking (MLCP), 1 no. of (G+2) storied club block and 1 no. of (G+2) storied commercial block.
- Additional land area of 50,391.267 sq.m has been added to the existing land area of 22,650.003 sq.m. Thus, land area of the total project (Phase I+II) as per land record documents is 73,041.27 sq.m (Phase I+II). Total number of residential flats will be 1,656

(Phase I – 435; Phase II – 1,221). Built up area of the existing phase (Phase – I) is 43,275.50 sq.m and in the proposed expansion phase (Phase – II) additional built up area will be 1,32,647.38 sq.m. Thus, total built up area including the existing & expansion phases will be $(43,275.50 + 1,32,647.38)$ sq.m = 1,75,922.88 sq.m.

Salient Features

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

	As per Environmental Clearance of Phase – I	Proposed Expansion of Phase – II	Total Scenario of Both Existing & Expansion Phases (Phases – I + II)
Land Area	As per Deed – 22,650.003 sq.m. Land area gifted to Municipality - 208.134 sq.m.	As per Deed - 50,391.267 sq.m	As per Deed – 73,041.27 sqm. Hutment Area – 585.90 sqm. WBSEDCL Area – 830.28 sqm Area for F.A.R. Calculation – 71,625.09 sqm. Land area gifted to Municipality – 208.13 sqm. Land area available for Development – 71,416.96 sqm.
No. of Flat	435 nos.	1221 nos.	1,656 nos.
No. of Blocks	<ul style="list-style-type: none"> 5 nos. of Residential Blocks - G + 11 Storied 1 no. podium – single Storied 	Residential Blocks – <ul style="list-style-type: none"> Vertical Expansion of Phase I blocks from G+11 to G+14 2 blocks - G+14 8 blocks - G+13 2 blocks - G+12 1 MLCP block - B+G+7 1 Club block - G+2 1 Commercial block - G+2	Total 17 nos. of Residential Blocks – <ul style="list-style-type: none"> 7 nos. G+14 8 nos. G+13 2 nos. G+12 1 MLCP block - B+G+7 1 Club block - G+2 1 Commercial block – G+2 1 podium – single storied.
Population (in person)	Resident = 2,070 persons Floating = 200 persons Staff = 20 persons Total = 2,290 persons	Resident = 6,512 persons Floating = 651 persons Staff = 150 persons Commercial Staff = 8 persons Commercial Visitor = 73 persons Total = 7,394 persons	Resident = 8,582 persons Floating = 851 persons Staff = 170 persons Commercial Staff = 8 persons Commercial Visitor = 73 persons Total = 9,684 persons
Total Water Requirement (Operation Stage)	-	-	1,007 kLD
Freshwater Requirement (Groundwater abstraction)	-	-	588 kLD
Wastewater Generated	-	-	704 kLD (to be treated in STP)
Treated Wastewater Generated	-	-	690 kLD

	As per Environmental Clearance of Phase – I	Proposed Expansion of Phase – II	Total Scenario of Both Existing & Expansion Phases (Phases – I + II)
Treated Wastewater Recycled	-	-	397 kLD
Treated Wastewater Discharged	-	-	293 kLD (to Panchayat drain)
Dual Plumbing/ Domestic Flushing Water Requirement	-	-	293 kLD
Domestic Water Requirement (Operation Stage)	-	-	880 kLD
Car Cleaning Requirement (Rooftop Rainwater)	-	-	22 kLD
Landscaping Requirement (Treated Wastewater)	-	-	64 kLD
Internal Road Cleaning Requirement (Treated Wastewater)	-	-	40 kLD
Solid Waste Disposal	-	-	2.65 Tonne/day (to be disposed through onsite compost plant and local body)
Total Built Up Area	43,275.50 sq. m	1,32,647.38 sq.m	1,75,922.88 sq.m
Area gifted to municipality	208.134 sq.m (0.92 % of land area)	--	208.134 sq.m
Ground coverage	4,957.15 sq.m (21.79 % of land area)	10,963.15 sq.m	15,920.30 sq.m (22.29% of land area)
Internal road & pavement area	4,027.83 sq.m (17.71 % of land area)	-	12,878.03 sq.m (18.03% of land area)
Semi paved area	2,981.26 sq.m (13.11 % of land area)	-	--
Tree Plantation area	4,947.96 sq.m (21.75 % of land area)	-	12,878.12 sq.m (18.03 % of land area) Effective Tree Plantation Area: Effective land area = Land area – Waterbody area = (71,416.96 - 7,246.52) sq.m. = 64,170.44 sq.m. Effective tree plantation area = 12,878.12 sq.m. (20.07% of effective land area).
Soft area	--	-	6,743.87 sq.m (9.44 % of land area)

	As per Environmental Clearance of Phase – I	Proposed Expansion of Phase – II	Total Scenario of Both Existing & Expansion Phases (Phases – I + II)
Services Area	401.80 sq.m (1.77 % of land area)	-	1,648.26 sq.m (2.31 % of land area)
Proposed Waterbody Area	-	--	7,246.52 sq.m (10.15 % of land area)
Paved Area	--	-	13,533.62 sq.m (18.95% of land area)
Total Paved Area	13,533.62 sq.m (18.95% of land area)	--	--
Other Green Area	6,712.79 sq.m (29.51% of land area)	--	--
Green area below car parking	--	--	568.24 sq.m (0.80 % of land area)
No. of Parking Space Proposed	264 (Covered = 94, podium = 34, Open = 136)	--	1,491 (Covered = 303, Open = 317, MLCP = 871)
Total No. of Plantation	350 Nos.	--	900 Nos.
No. of Solar Street Lights	27 Nos. solar street lights.	--	27 Nos. solar street lights.
Total Power Requirement	1,150 kW (WBDESCL)	--	6,000 kW (WBDESCL)
Back up Power	2 X 380 kVA D.G. Sets	--	5 X 500 kVA + 2 X 380 kVA D.G. Sets

Chronology of the Events:

- Phase I of the said project has already obtained the Environmental Clearance from SEIAA, West Bengal vide No. - 1693/EN/T-II-1/081/2014 dated 08.07.2015 for 5 nos. G+11 storied residential towers having 435 residential flats, retail shops and community facilities.
- The project proponent presented their proposal for Terms of Reference in the 128th SEAC meeting held on 27/08/2016.
- The SEAC recommended the ToR vide Memo no.656-2N-51/2014(E) dated 04.10.2016.
- The project proponent submitted the final EIA/EMP report and came up with their presentation on final EIA study in the 147th SEAC meeting held on 15/09/2017.
- The project proponent received stipulated conditions for environmental clearance from SEIAA vide letter no. 1036/EN/T-II-1/049/2016 dated 27/04/2018.
- The SEAC recommended EC in the 158th SEAC meeting held on 13/07/2018 and forwarded the proposal to SEIAA.
- A field inspection was conducted by WBPCB on 18.01.2021.
- SEIAA in its 37th meeting held on 09.11.2021 considered the proposal and referred back the same to SEAC through PARIVESH portal for reappraisal as violation category on the following observations :
 - a) EC conditions have not been complied with as per field inspection report by WBPCB dated 18.01.2021.

- b) The validity of the sanction plan for Phase-II of the project is already over on 28.02.2021. In order to process the said application, the sanction plan needs to be revalidated.
- c) The project proponent has already undertaken construction activities for their Phase-II project without obtaining EC which amounts to violation of the EIA Notification, 2006 and its subsequent amendments.
- The project proponent through letter dated 09.12.2021 requested the SEAC to consider their case as violation category.
- The project proponent was called for ToR presentation for their violation case in the 26th reconstituted SEAC meeting held on 15.12.2021 but the project proponent could not appear before the SEAC.
- The project proponent was once again called for ToR presentation for their violation case in the 27th reconstituted SEAC meeting held on 30.12.2021 but the project proponent could not appear before the SEAC.
- The project proponent submitted a prayer on 10.02.2023 on PARIVESH portal requesting for a presentation of their proposal which was considered in the 67th SEAC meeting held on 22.02.2023.
- SEAC observed that since the present proposal of the PP is under violation, the PP should withdraw the present application and apply afresh in the PARIVESH portal for issuance of Terms of Reference under violation category.
- The PP applied in prescribed format for Terms of Reference under violation category and uploaded the application in the PARIVESH portal on 03.04.2023.
- The project proponent presented their proposal for Terms of Reference in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the committee after careful consideration and detailed deliberation **recommended the proposal for Terms of Reference under violation category** for conducting EIA study as per the provision of EIA Notification, 2006 and its amendments with the following additional conditions: -
 - 1) A notarized affidavit as per the enclosed format given in **Annexure – 1**.
 - 2) Certified Compliance Report (CCR) stating complete compliance with the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
 - 3) Concurrence for waste water discharge, solid waste disposal and other services from the Competent Authority.
 - 4) Ground water permission from the Competent Authority indicating the quantity of water to be abstracted and also the running hours of the pump for the bore wells. Regular monitoring of the groundwater level by constructing a piezometer is necessary for examining the efficacy of recharge and the recorded values should be submitted with half-yearly compliance reports.
 - 5) Power of Attorney.
 - 6) Damage Assessment Plan.

- 7) Remedial Plan.
- 8) Community Augmentation Plan.
- 9) Present status of construction of the project clearly showing the violation portion with photographs.
- 10) Authenticated documents for the total project cost compared to the cost incurred till the date of submission of the EC application along with EIA/EMP.
- 11) Statements regarding gross turn-over till the date of submission of EC application to be certified by Chartered Accountant.
- 12) Detailed hydrological study of the area (within 5 km radius) needs to be done including the quantity of groundwater flowing across the project area vis-a-vis the total amount of pumping of groundwater. Impact of basement of the MLCP on the shallow groundwater flow to be detailed in the report.
- 13) Flowmeters (including totaliser) with recorders for raw, treated, recycled and discharged wastewater should be installed and the recorded values should be submitted with half-yearly compliance reports.
- 14) A plantation plan to the scale of 1:100 duly approved by the DFO is required to be submitted as per subsection (1) read with subsection (4) of section (9) of WB Trees (Protection and Conservation in Non-Forest Areas) Act, 2006. Certificate from Range-Officer will not be accepted as there is no such provision in the said Act.
- 15) While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.
- 16) All sanction drawings, including individual floor plans and sections.
- 17) Detailed plan of solar power plant including PV array should be submitted.
- 18) Proposal for organic waste composter.
- 19) Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified. Year-wise break-up for the budget of the need-based activities should be furnished. The budget must be commensurate with the total project cost.
- 20) Plan for rainwater (only from roof-tops, as mentioned by the PP) harvesting and recharge to be submitted (since the waterbody is not supposed to recharge).
- 21) Plan for maintenance of the waterbody, including embankment maintenance and periodic water analysis, to be submitted.
- 22) The PP shall install the following :-
 - a. Solar smart meter for recording generation and supply to the grid.
 - 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. Sensor based water quality management system. Arsenic-content of groundwater should be monitored.
 - d. STP with the digital data for inlet / outlet along with discharge quality.

- e. Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality.
 - f. Ambient noise quality monitoring station.
 - g. Plan to avoid water logging during the rainy season.
- 23) The PP should submit a compliance report based on the notification issued by SEIAA vide no 2495 / EN-T-II-I /011/2018 dated 17.12.2019.
- 24) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, 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.

1.2) For Environmental Clearance

1.2.1) Industry Sector :

- I. **Proposed 24 TPA Green Field Ambrettolide Manufacturing at Dankuni Industrial Complex, Chanditala - Serampore Road Opposite of MBW & Bhagardhar, Dankuni - 712702, West Bengal.**

Proposal No.	SIA/WB/IND3/410038/2022
Project Proponent -	M/s. Saraogi Shellac Overseas Corp.
Environmental Consultant -	M/s. Envirotech East Pvt. Ltd.

Activities:

- This is a proposal for manufacturing of some specialty chemicals [Polyamine based Chemical, Acrylic Polymer, Acrylic Emulsion] along with some disinfectants within the same existing premises located in Vill & P.O. - Sugandha, Tehsil - Polba Dadpur, Hooghly, West Bengal 712 102.

Salient Features

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Location of the Site	Dankuni Industrial Complex of District Hooghly, at Chanditala-Serampore Road. Opp. of MBW & Bhagardhar, Dankuni - 712702, West Bengal.
Project Name	Proposed 24 TPA Ambrettolide Synthesis Plant for production of pure Ambrettolide along with other byproducts from Aleuritic Acid as starting material.
Latitude & Longitude:	Latitude : 22°41'39.08"N to 22°41'41.06"N and Longitude: 88°15'9.85"E to 88°15'12.45"E
Land Area	The proposed plant will be installed on the available vacant land of 0.54 acres (2240.82 sqm) in Dankuni Industrial Complex of District

	Hooghly.		
Area breakup of the Project Site	Particulars	Area (Sqm)	% Percentage
	Shed	485.43	21.66%
	2 nd Shed	337.36	15.06%
	TMOF and Acetic Anhydride Ware House	83.52	3.73%
	Office Lab & other utilities	153.00	6.83%
	Plant Road	319.78	14.27%
	Green Belt	739.47	33.00%
	Open Land	78.98	3.52%
	Rain Water Harvesting	43.28	1.93%
	Total Land Area	2240.82	100%
Greenbelt Development	0.183 Acre/0. Plant Road Hectare of land. 33.00% of the total land area		
Raw Material Requirement for the Proposed Project	Sl. No.	Raw Material	Quantity (Kg per Annum)
	1)	Aleuritic Acid	43200
	2)	TMOF	38400
	3)	Acetic Anhydride	25200
	4)	Glycerin	51000
	5)	Monoethylene Glycol	3880
	6)	Potassium Hydroxide	912
	7)	Industrial Solvent	3840
	8)	Sodium methoxide	996
Manpower	Manpower, to the extent 12 personnel will be required during construction which will be temporary in nature and 10 personnel during operation		
Total Water Requirement	Water requirement for steam generation in boiler is 1 Kilo litre initially followed by make up of 100 litre per month. The above water will be supplied by near by Bislery company. Water for domestic purpose (i.e., 200 ltrs/day) will be met from borewell water. An application has been submitted to the local panchayat for sanction of creating one borewell inside the plant premise. Source: Bislery company & one borewell inside the plant		
Power requirement	Power Requirement for the project will be 125 KVA. Source: The Power requirement of 125 KVA will be met from the supply of WBSEDCL. Two number of DG set units having 160 KVA capacity each will be installed as a standby source of power.		
Effluent generation & disposal	<ul style="list-style-type: none"> The proposed plant is small and will be configured for the production of 24 TPA production of Ambrettolide. The plant proposes to adopt Zero Liquid Discharge (ZLD). All industrial processing wastes (by products) will be sold to the local market and no residual waste will be disposed outside. All types of distillates will be sold in the local market. Domestic waste water generated from office, toilets, & canteen will be treated in septic tank followed by soak pit system. 		
Air pollution control	<ul style="list-style-type: none"> Diesel will be burnt to heat the TF Oil on regular basis (everyday) & to generate steam in an interval of 15 days in two separate boilers. There will be little emission from the burning of fuel and the same is discharged through a common duct to a stack of appropriate height. The steam is required only once in a span of 15 days. 		

	<ul style="list-style-type: none"> No chances of any chemical spillage/discharge of chemicals into the environment is expected as all recovered distillates will be collected in closed containers and sold to the market. → It is a small factory which will handle small quantity of both raw materials and finished goods. So emissions will be insignificant.
Solid Waste generation and Disposal	<ul style="list-style-type: none"> No chances of generation of solid waste (from processing units) is expected as the recovered gummy sludge will be collected in closed containers and sold to the local market. There will be no solid waste (hazardous waste) generated in the plant which will be discharged for disposal. Sewage sludge will be disposed to the local Municipality
Project Cost	Approx. Rs. 4,45,00,000/-

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 23.06.2021 (Proposal No. SIA/WB/IND2/61329/2021).
- The PP had obtained Terms of References (TORs) issued by SEIAA, West Bengal vide No. 238/EN/T-II-1/062/2021 dated 16.02.2022.
- Public hearing was conducted on 31.08.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 22.03.2023.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.04.2023 and the PP presented their proposal in this meeting.

SEAC Observation and Recommendations:

- The PP did not appear before the SEAC for EC presentation. The SEAC decided that the PP should explain the reasons for his absence based on which the PP may be allowed to present his case in a subsequent meeting. On being so allowed the PP may appear for the presentation along with the NABET accredited consultant engaged by him.

- II. Proposed expansion project by installation of 4X30 T Induction Furnaces instead of 4X20 T Induction Furnaces, 4,00,000 TPA Capacity Continuous Casting Machine instead of 2,40,000 TPA Capacity, 4,00,000 TPA Capacity Rolling Mill instead of 2,00,000 TPA Capacity (as per previous EC vide Memo No. 1775/EN/T-II1/068/2015 dated 17.08.2017 and Transfer of EC dated 31.08.2021, issued by SEIAA, West Bengal) and New installation of 1x35 TPH Capacity Slag Crusher Unit, 1x15,000 TPM Capacity Galvanizing / Electroplating Unit, 1x600 TPM Capacity Wire Drawing with Annealing Unit, 1x175 TPM capacity Nail & Screw making unit & 1x2000 TPM Capacity Torkari Unit, 1x65,00,000 Kcal/hr capacity Coal Gasifier at Village: Ghutgaria, Plasto Steel Park, Barjora, Dist. Bankura, West Bengal.**

Proposal No.

SIA/WB/IND1/406850/2022

Project Proponent -

M/s. Advay Udyog Pvt. Ltd.

Environmental Consultant -

M/s. Envirotech East Pvt. Ltd.

Activities:

- This is a proposal for expansion of 4X30 T Induction Furnaces instead of 4X20 T Induction Furnaces, 4,00,000 TPA Capacity Continuous Casting Machine instead of 2,40,000 TPA Capacity, 4,00,000 TPA Capacity Rolling Mill instead of 2,00,000 TPA Capacity (as per previous EC vide Memo No. 1775/EN/T-II/068/2015 dated 17.08.2017 and Transfer of EC dated 31.08.2021, issued by SEIAA, West Bengal) and New installation of 1x35 TPH Capacity Slag Crusher Unit, 1x15,000 TPM Capacity Galvanizing / Electroplating Unit, 1x600 TPM Capacity Wire Drawing with Annealing Unit, 1x175 TPM capacity Nail & Screw making unit & 1x2000 TPM Capacity Torkari Unit, 1x65,00,000 Kcal/hr capacity Coal Gasifier.

The features of the existing and the proposed units along with their capacities are as uploaded by the PP in the PARIVESH portal is given below :

PROPOSED PROJECT SCENARIO			
Unit	Proposed Capacity Enhancement against previous granted EC (vide Letter No. 1775/EN/T-II-1/068/2015 dated 17th August 2017) and Transfer of EC dated 31.8.2021		Products
	Project as per EC	Revised Project	
Induction Furnaces	4X20 T (2,43,840 TPA of liquid steel) With Matching LRF	4X30 T with 2x35 T capacity LRF / GOR (Gas-Oxygen Refiner) (3,96,000 TPA of liquid steel) & 2x20 TPH Scrap Cutting processing Baling Unit	Liquid Steel
Continuous Casting Machine	2,40,000 TPA	4,00,000 TPA	Billets
Rolling Mill with Re-heating Furnace	2,00,000 TPA	4,00,000 TPA With 1x15 TPH capacity Re-Heating Furnace & 1X50 TPH Electrically Operated In-Line Billet Pre- Heater	Bars & Rods (TMT, Round, Shapes & Sections)
PROPOSED NEW INSTALLATION			
Slag Crusher	--	1x35 TPH	Crushed Slag for iron recovery
Galvanizing / Electroplating Unit	--	1x15,000 TPM	Galvanized / Electroplated Product
Wire Drawing with Annealing Unit	--	1x600 TPM	Wire
Torkari Unit	--	1x2000 TPM	Cold Draw Ribbed Bar
Nail & Screw Making Unit	--	1x175 TPM	Nail & Screw
Coal Gasifier	--	1x65,00,000 Kcal/hr Coal Gas Producer Gasifier	Gas to used in Re-Heating Furnace of Rolling Mill &

			Annealing Furnace of Wire Drawing Unit
Coal Pulverizer Unit	--	1x2 TPH	Crushed Coal to be used in Re-Heating Furnace
DG Sets	--	6X500 KVA & 2X200 KVA	Power for Emergency & Load shedding

Salient Features

- Salient features of the proposed project as uploaded in the PARIVESH portal are given below –

Location of the Site	Village: Ghutgaria, Plasto Steel Park, Barjora, Dist. Bankura, West Bengal.		
Latitude & Longitude:	Latitude 23°25'37.50"N to 23°25'50.86"N and Longitude 87°15'16.49"E to 87°15'25.69"E		
Land Area	The proposed units would be installed on a piece of available land, comprising of total 7.96 Hectares (19.67 Acres), allotted by the West Bengal Industrial Development Corporation Ltd. (WBIDCL). No additional land is required.		
Area breakup of the Project Site	Particulars	Area (Sqm)	% Percentage
	Induction Furnace (4x30 TPD)	2.70	13.73
	Rolling Mill – (4,00,000 TPD)	4.20	21.35
	Slag Crusher (300 TPD)	0.51	2.59
	Galvanizing unit (15000 TPM)	0.18	0.92
	Tarkari Unit (2000 TPM)	0.50	2.54
	Wire Drawing Unit (500 TPM)	0.41	2.08
	Rain Water Harvesting	0.50	2.54
	Greenbelt	6.49	33.00
	Utilities	0.50	2.54
	Internal Road	3.18	16.17
	Open Land	0.50	2.54
	Total land (boundary wall)	19.67	100
Raw Material Requirement for the Proposed Project	Sl. No.	Raw Material	Quantity (TPA)
	4x30 T Induction Furnaces		
	1)	Sponge Iron	3,20,000 to 3,98,000
	2)	Scraps	41,000 to 1,04,167
	3)	Pig Iron, Ferro Short	40,000 to 65,000
	4)	Ferro Alloy	2,800 to 5,000
	5)	Hi-Carbon Coal / Coke / CPC	900 to 2500
Manpower	Total during Operational Phase: 1200		
Total Water Requirement	Daily total water requirement : 1960 cu.m/day Sourced: Barjora Gram Panchayat Samity and West Bengal		

	Industrial Development Corporation Ltd. (WBIDCL).
Power requirement	Power requirement: 65 MW Sourced: DVC / WBSEDCL.
Effluent generation & disposal	The plant will be designed as a zero discharge plant. The water will be recirculated through cooling and treatment. The entire wastewater will be recycled for various purposes inside the plant. Domestic wastewater will be treated in septic tank – soak pit system.
Air pollution control	<ul style="list-style-type: none"> Adequate control measures like bag filters, dust suppression system & Stacks of adequate height at relevant points will be installed.
Solid Waste generation and Disposal	<ul style="list-style-type: none"> Induction Furnace slag (after iron recovery in slag crusher unit) will be used in land filling / road construction purpose. End cuts, scale etc. from CCM, Rolling Mill and from other units will be used in the proposed Induction Furnaces. Zinc Dross from the Galvanizing unit will be sold to the Authorized Venders. Solid waste of domestic / commercial origin generated in the plant will be disposed of suitably in consultation with the concerned Civic body.
Project Cost	Rs. 210 Crore

Chronology of the event:

- The PP obtained Environmental Clearance (EC) from SEIAA, Govt. of West Bengal vide Letter No. 1775/EN/T-II-1/068/2015 dated 17.08.2017 in the name of M/s SRMB Srijan Pvt. Ltd. for 4x20 T Induction Furnaces, 2,40,000 TPM CCM and 2,00,000 TPA Rolling Mill.
- EC dated 17.08.2017 has been transferred from M/s SRMB Srijan Pvt. Ltd. to M/s Advay Udyog Pvt. Ltd. on 31.08.2021.
- The PP applied in prescribed format for Terms of Reference for the expansion project and uploaded the application in the PARIVESH portal on 25.09.2021 (Proposal No. SIA/WB/IND/67503/2021) for 4x30 T Induction Furnaces, 4,00,000 TPM CCM and 4,00,000 TPA Rolling Mill replacing the proposal mentioned in the earlier EC. Other units - Slag Crusher, Galvanizing / Electroplating Unit, Wire Drawing with Annealing Unit, Torkari Unit, Nail & Screw Making Unit, Coal Gasifier, Coal Pulverizer Unit and DG Sets will also be installed.
- The PP had obtained Auto Terms of References (TORs) issued by SEIAA, West Bengal vide No. EN/T-II-1/149/2021 dated 02.11.2021.
- Public hearing was conducted on 07.06.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 15.02.2023.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.04.2023 and the PP presented their proposal in this meeting.

SEAC Observation and Recommendations:

- The SEAC noted that the PP during presentation could not submit proper details regarding emission / effluent control and hazardous waste management, for the

electroplating / galvanizing unit, coal gasifier, Coal Pulverizer Units. Moreover, the PP was requested to submit clearly whether electroplating or galvanizing plant will be installed.

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration:-
 - a) Present status of the project
 - b) Detailed effluent and emission control system for electroplating / galvanizing unit, coal gasifier, Coal Pulverizer Units. ETP-flow sheet should be furnished/ revised as discussed.
 - c) Detailed programme for hazardous waste management for electroplating / galvanizing unit, coal gasifier, Coal Pulverizer Units.
 - d) Proper declaration regarding installation of electroplating or galvanizing unit.
 - e) Details of zero discharge as declared by the PP specifying the utilisation areas of waste water generation of the entire plant. A plan for the use of the treated wastewater should be provided.
 - f) A plan for collection and use of the rain water specifying the revised current annual rainfall in the area, should be provided.
 - g) Modified need based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Year-wise break-up for the budget of the need-based activities should be furnished. The budget must be commensurate with the total project cost.
 - h) Year wise plantation programme and survival plan. An enumeration may be carried out in consultation with local forest department to ascertain the rate of survival of trees already planted and the areas having scanty or less dense vegetation should be restocked with suitable plants.
 - i) Plan for disaster-preparedness.

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

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

1.3) For Environmental Clearance

1.3.1) Mining of Minerals:

- I. **Proposed MIN_BNK_32 Sand Mine over an area of 3.10 ha (7.66 Acres) on Darakeswar River at J.L. No.: 115, Plot No.: 1756, 2094, Mouza: Nandur, P.S. Patrasayar, District: Bankura, West Bengal.**

Proposal No.

SIA/WB/MIN/422343/2023

Project Proponent -

M/s. West Bengal Mineral Development &

Environmental Consultant -

Trading Corporation Limited.
M/s. Centre for Envotech and Management
Consultancy Private Limited.

Activities:

- This is a proposal for riverbed sand mining at the MIN_BNK_32 sand block over an area of over an area of 3.10 ha (7.66 Acres) on Darakeswar River at J.L. No.: 115, Plot No.: 1756, 2094, Mouza: Nandur, P.S. Patrasayar, District: Bankura, West Bengal.
- 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 23.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Plan that there is total mineable sand reserve of 291024 m³ and geological reserve is 383904 m³.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no court case pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 31.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls totally within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Additional conditions are:
 - ✓ Status of the need-based activities to be reported during 6 monthly progress report.
 - ✓ Basic amenities, safety and occupational health of the labours to be provided.

- II. **Proposed River Bed Sand Mine of Nimai SIL 6 over an area of 1.2 ha (2.96 Acres) on Balason River at JL No. – 57, RS Plot No. – 262(P), 264(P), 266(P), 281(P), Mouza – Nimai, P.S. – Matigara, Dist – Darjeeling, West Bengal.**

Proposal No.	SIA/WB/MIN/424135/2023
Project Proponent -	Shri Krishna Agarwal
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining at the Nimai SIL 6 sand block over an area of 1.2 ha (2.96 Acres) on Balason River at JL No. – 57, Plot No. – 262(P), 264(P), 266(P), 281(P), Mouza – Nimai, P.S. – Matigara, Dist – Darjeeling, West Bengal.
- 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 22.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan document that there is total mineable sand reserve of 99555.26 m³ per annum and total geological reserve is 146404.80 m³ per annum.
- **The PP applied in the name of Krishna Agarwal but the 'Mining Plan with Progressive Mine Closure Plan' is in the name of Shri Krishna Gopal Agarwal & Sons.**
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority for LR Dag No. 427(P) and 428(P). **But in the 'Mining Plan with Progressive Mine Closure Plan' the LR Dag Nos. are mentioned as 434, 432, 436 & 455.**
- The PP has informed that there is no litigation pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Although the plot area for the proposed project as per the geo-coordinates mentioned in the approved 'Mining cum Progressive Mine Closure Plan' **falls within the potential mining zone** as recorded in the approved District Survey Report (DSR) of Darjeeling district, this application for EC was noted to be a duplicate one. An earlier application

(Proposal No. SIA/WB/MIN/408675/2022) for the same project was considered in the 61st meeting of SEAC held on 04.01.2023 and another application (Proposal No. SIA/WB/MIN/265287/2022) for the same project was considered in the 69th meeting of SEAC held on 11.03.2023.

- **It is also observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match.**
- Considering the above, the committee (SEAC), decided that earlier two applications (Proposal No. SIA/WB/MIN/408675/2022 & SIA/WB/MIN/265287/2022) should be withdrawn by the PP and necessary corrections should be made regarding mismatch in the LR Dag Nos. mentioned earlier.
- The SEAC also recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) It is observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match. Necessary corrections from the Competent Authority to be incorporated in the documents.
 - 2) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project 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.
 - 6) 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 7) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

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

Once the PP's responses on the above queries are uploaded on the "PARIVESH" portal, the SEAC will consider the case further.

III. Proposed River Bed Sand Mine of Bournivitar Chhat over an area of 4.32 ha (10.67 Acres) on Balason River at J.L No.- 82, Plot No.- 6, Mouza- Bournivitar Chhat, P.S.- Naxalbari, District: - Darjeeling, West Bengal.

Proposal No.	SIA/WB/MIN/424158/2023
Project Proponent -	Shri Ajay Sharma
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining at the Bournivitar Chhat Sand Block over an area of 4.32 ha (10.67 Acres) on Balason River at J.L No.- 82, Plot No.- 6, Mouza- Bournivitar Chhat, P.S.- Naxalbari, District: - Darjeeling, West Bengal.
- 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 24.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Mining Plan that there is total mineable sand reserve of 385727.8 m³ and geological reserve is 527057.28 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of original and valid Lol.
- The PP has uploaded cluster certificate from the competent authority for Plot No. 6 & 8. **But in the 'Mining Plan with Progressive Mine Closure Plan' the Plot No. is mentioned as 6.**
- The PP has informed that there is no litigation pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Although the plot area for the proposed project as per the geo-coordinates mentioned in the approved 'Mining cum Progressive Mine Closure Plan' **falls within the potential mining zone** as recorded in the approved District Survey Report (DSR) of Darjeeling district, this application for EC was noted to be a duplicate one. An earlier application (Proposal No. SIA/WB/MIN/408658/2022) for the same project was considered in the 61st meeting of SEAC held on 04.01.2023 and another application (Proposal No.

SIA/WB/MIN/265040/2022) for the same project was considered in the 69th meeting of SEAC held on 11.03.2023.

- Considering the above, the committee (SEAC), decided that earlier two applications (Proposal No. SIA/WB/MIN/408658/2022 & SIA/WB/MIN/265040/2022) should be withdrawn by the PP and necessary corrections should be made regarding mismatch in the Plot Nos. mentioned earlier.
- The SEAC also recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project 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.
 - 5) 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

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

Once the PP's responses on the above queries are uploaded on the "PARIVESH" portal, the SEAC will consider the case further.

IV. Proposed River Bed Sand Mine of Antaram Part III over an area of 3.80 ha (9.38 Acres) on Mechi River at Mouza- Antaram J.L. No.- 05, Plot No- 8, 23, 25, 32, 72, P.S- Khoribari, Block- Khoribari, Dist- Darjeeling, West Bengal.

Proposal No.

SIA/WB/MIN/424074/2023

**Project Proponent -
Environmental Consultant -**

**Smt. Nitu Dubey.
M/s. RSP Green Development & Laboratories
Pvt. Ltd.**

Activities:

- This is a proposal for riverbed sand mining over of Antaram Part III sand block an area of 3.80 ha (9.38 Acres) on Mechi River at Mouza- Antaram J.L. No.- 05, Plot No- 8, 23, 25, 32, 72, P.S- Khoribari, Block- Khoribari, Dist- Darjeeling, West Bengal.
- 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 20.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan that there is total mineable sand reserve is 264504 m³ while the total geological reserves is 313120 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no litigation pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. But since the PP has not submitted requisite mandatory documents, therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

- 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
- 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project 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.
- 5) 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Year wise budget should be provided.
- 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

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

Once the PP's responses on the above queries are uploaded on the "PARIVESH" portal, the SEAC will consider the case further.

V. Proposed Nimai SIL 8 Riverbed Sand & Stone Mine over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, West Bengal.

Proposal No.	SIA/WB/MIN/423510/2023
Project Proponent -	Shri Santosh Singh.
Environmental Consultant -	M/s. Ultra-Tech.

Activities:

- This is a proposal for riverbed sand mining of Nimai SIL 8 Sand Block over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, West Bengal.
- 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 22.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan that there is total mineable sand reserve is 39921 m3 while the total geological reserves is 81000 m3.
- The PP has uploaded the pre-feasibility report for the proposed project.

- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no litigation pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 29.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.07.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Although the plot area for the proposed project as per the geo-coordinates mentioned in the approved 'Mining cum Progressive Mine Closure Plan' **falls within the potential mining zone** as recorded in the approved District Survey Report (DSR) of Darjeeling district, this application for EC was noted to be a duplicate one. An earlier application (Proposal No. SIA/WB/MIN/408774/2022) for the same project was considered in the 66th meeting of SEAC held on 15.02.2023.
- **It is also observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match.**
- Considering the above, the committee (SEAC), decided that earlier application (Proposal No. SIA/WB/MIN/408774/2022) should be withdrawn by the PP.
- The SEAC also recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) It is observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match. Necessary corrections from the Competent Authority to be incorporated in the documents.
 - 2) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project 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.

- 6) 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. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
- 7) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

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

Once the PP's responses on the above queries are uploaded on the "PARIVESH" portal, the SEAC will consider the case further.

VI. Proposed Golahat Sand Mine over an area of 2.65 ha (6.55 Acres) on the Shilabati River at JL No. – 573, Plot No. – 1(P), P.O. + P.S. - Garhbeta, Dist - Paschim Medinipur, West Bengal.

Proposal No.	SIA/WB/MIN/260553/2022
Project Proponent -	Shri Mohan Lal Singha.
Environmental Consultant -	M/s. Greencindia Consulting Private Limited.

Activities:

- This is a proposal for riverbed sand mining of MGARB-23 Sand Block over an area of 2.65 ha (6.55 Acres) on the Shilabati River at JL No. – 573, Plot No. – 1(P), P.O. + P.S. - Garhbeta, Dist - Paschim Medinipur, West Bengal.
- 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 12.12.2019 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan that there is total mineable sand reserve is 16100 m3 while the total geological reserves is 26500 m3.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The PP has not uploaded the copy of valid Lol.**
- **The PP has not uploaded cluster certificate** from the competent authority.
- The PP has informed that there is no litigation pending against the project.
- **The PP has not 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.

Chronology of the Events:

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 29.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.04.2023 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 plot area for the proposed project as per geo-coordinates as mentioned in the 'Mining Plan with Progressive Mine Closure Plan' **does not fall within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority and necessary processing fees.
- Considering the above, the committee (SEAC), therefore, decided that the proposed project cannot be considered.

VII. Proposed Mankyapal Sand Block M.BIN.B-34 over an area of 5 ha (12.35 Acres) on Kangsabati River at JL No. – 814, Plot No. – 1(P), 2(P), Mouza – Mankyapal, Block + P.S. -Binpur, Dist – Jhargram, West Bengal.

Proposal No. SIA/WB/MIN/262416/2022
Project Proponent - Shri Bidhan Patra.
Environmental Consultant - M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of M.BIN.B-34 Sand Block over an area of 5 ha (12.35 Acres) on Kangsabati River at JL No. – 814, Plot No. – 1(P), 2(P), Mouza – Mankyapal, Block + P.S. -Binpur, Dist – Jhargram, West Bengal.
- 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 27.01.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan document that there is total mineable sand reserve of 119838 m³ and geological reserve is 150000 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- **The PP has not uploaded the copy of valid Lol.**
- **The PP has not uploaded cluster certificate** from the competent authority.
- The PP has informed that there is no litigation pending against the project.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 21.03.2022.

- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.04.2023 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 **some portion of the plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls outside the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. Also, the PP has not uploaded cluster certificate from the competent authority.
- Considering the above, the committee (SEAC), therefore, decided that the proposed project cannot be considered. However, the PP may approach with revised and approved Mine Plan **according to the revised area** with Progressive Mine Closure Plan, revised Lol from the Competent Authority and other mandatory documents mentioning that the project area falls within the potential zone of the approved DSR of Jhargram district.

2) Reconsideration Proposals :-

2.1) Environmental Clearance

2.1.1) Mining of Minerals :

- I. **Proposed Kalla Sand Mine over an area of 4.87 ha (12.02 Acres) on the River Damodar at Plot No.-4, J.L. No.-38, Mouza –Kalla, P.S.- Saltora, Dist. –Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/405935/2022
Project Proponent -	Shri Santanu Roy.
Environmental Consultant -	M/s. Centre for Envotech and Management Consultancy Pvt. Ltd.

Activity:

- This is a proposal for riverbed sand mining at the 0104DM002 sand block over an area of 4.87 ha (12.02 Acres) on the Damodar river bed at Mouza - Kalla, J.L. No.: 38, Plot No. 04, P.S. – Saltora, Dist. – Bankura, West Bengal.
- The PP has not uploaded original LOI showing the plot no. and cluster certificate from the competent authority.
- The Mining cum Progressive Mine Closure Plan, prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for riverbed sand mining at the site over a lease-hold area of 4.87 ha (12.02 Acres) on the River Damodar at Plot No.-4, J.L. No.-38, Mouza –Kalla, P.S.- Saltora, Dist. –Bankura, has been approved by the State Government on 29.03.2022.

- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded a copy of the duly approved Mining cum Progressive Mine Closure Plan.
- 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.
- In its EC application the PP has reduced the quantity of both mineable and geological sand reserves to conform to the replenishment rates provided in the DSR for Bankura District.

Salient features of the project :

Sl. No.	Parameters	Description
1.	Name of the Project	Kalla Sand Mine on Damodar River
2.	Total Lease area	12.02 Acres / 4.87 Ha
3.	Location of the Area	Mouza- Kalla, J.L. No. 38, Plot no. 4, P.S. Saltora, Bankura, West Bengal
4.	Topography	Plain
5.	Life of the Mine	This mine is having a life for 5 years as per the letter of Intent issued to Santanu Roy
6.	Geological Resource	146100 m ³
7.	Replenishment rate as per AMP	90%, depth of mining 3 m
8.	Replenishment rate as per ADSR	73.40%
9.	Annual production capacity	126900 m ³ / Year (Peak rated)
10.	Method of Mining	Opencast, Manual
11.	Total Water Requirement	15 KLD
12.	Ultimate Depth of Mining	3m
13.	Man Power Requirement	45
14.	Source of Water	Requisite drinking water will be sourced from nearby villages. River water will be utilized for dust suppression with due approval from I & W Department, GoWB.
15.	Environmental cost & CER	40,25,000 & 9,74,000 /-

As per ADSR, the lowest replenishment rate of Damodar River is 73.40%. Considering this rate the production capacity of the Mine will be as follows :

Year	Average Mineable Area (Ha)	Thickness (m)	Replenishment rate (%)	Mineable Reserve (m ³)
1	4.23	3	100%	126900
2	4.23	3	73.40%	93144.6
3	4.23	3	73.40%	93144.6

4	4.23	3	73.40%	93144.6
5	4.23	3	73.40%	93144.6
Total Mineable Reserve (Cum)				499478.4

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 11.11.2022.
- The PP was called for the EC presentation in the 64th SEAC meeting held on 01.02.2023 and the PP presented their proposal in this meeting.
- It was observed that the location coordinates of the site as given in the approved mining plan falls within the potential zone mentioned in the DSR of Bankura district.
- Based on the submission and presentation made by the PP, the committee recommended that the following documents / clarifications may be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Copy of the original Lol (mentioning the plot nos. and the exact project location may be uploaded.
 - 2) Necessary cluster certificate may be obtained from the competent authority and the same may be submitted/ uploaded along with the EIA.
 - 3) As stipulated in the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020 all the commitments made by the project proponent to address the concerns raised during the public consultation shall be clearly spelt out and the same shall be made part of the Environment Management Plan. Local needs should be identified and year wise break-up for the specific activities should be provided instead of generalized statements.
 - 4) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.
 - 5) Concurrence from the local panchayat regarding proposed plantation activity with location.
 - 6) Declaration / commitment from the PP regarding no intermediate stock piling of sand. Declaration should also be made regarding use of GPS-tracking enabled vehicles.
 - 7) Maintenance of the connecting road from the project site to the nearest public roadways should be undertaken.
 - 8) The Mining cum Progressive Mine Closure Plan may be suitably revised to reflect the reduction of both mineable and geological sand reserves to ensure that the reserve estimations conform to the replenishment assessments provided in the approved DSR of Bankura.
- The PP uploaded their reply in PARIVESH Portal on 30.03.2023, which was considered in the 74th meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance**. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - ✓ Status of the need-based activities to be reported during six monthly progress report.
 - ✓ Basic amenities, safety and occupational health of the laborers to be provided

II. Proposed Riverbed Sand Mining on Kangsabati River (2.80 Hectare 6.91 Acre) at J.L No. 35 & 43, Plot No. 7074 (P) & 616 (P), Mouza: Jambaid & Gagda, P.S: Puncha, District: Purulia, West Bengal.

Proposal No.

SIA/WB/MIN/263067/2022

Project Proponent -

Mr. Sabir Ansari

Environmental Consultant -

M/s. Ambiental Global Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of 2017_WB_1283 Sand Block Auction ID over an area of 2.80 Hectare (6.91 Acre) on Kangsabati River at J.L No. 35 & 43, Plot No. 7074 (P) & 616 (P), Mouza: Jambaid & Gagda, P.S: Puncha, District: Purulia, West Bengal.
- 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 10.05.2019 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan document that there is a total mineable sand reserve of 55239 m³ and the geological reserve is 84000 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has not uploaded cluster certificate from the competent authority.
- 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.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 08.02.2023.
- The PP was called for the EC presentation in the 67th SEAC meeting held on 22.02.2023 and the PP presented their proposal in this meeting.
- Based on the presentation made by the PP, the committee observed that the major portion of the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining**

zone recorded in the approved District Survey Report (DSR) of Purulia district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

1. Cluster certificate from the competent authority should be submitted.
 2. Reserves to be submitted based on the replenishment rate as per the approved DSR
 3. Progressive greenbelt plan.
 4. Haul road to be identified.
 5. A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 6. Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 7. Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.
- The PP uploaded their reply in PARIVESH Portal on 07.04.2023, which was considered in the 74th meeting held on 12.04.2023.

SEAC Observations & Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance**. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - ✓ Status of the need-based activities to be reported during 6 monthly progress report.
 - ✓ Basic amenities, safety and occupational health of the laborers to be provided

2.1.2) Construction Sector :

- I. **Proposed Residential Complex at Holding No. L3-55/13, P.O. & P.S. – Maheshtala, Mouza – Sapamirzanagar, under Maheshtala Municipality, District – South 24 Parganas, PIN – 700 141, West Bengal.**

Proposal No.

SIA/WB/INFRA2/415205/2023

Project Proponent -

M/s. Tirath Projects Pvt. Ltd.

Environmental Consultant -

M/s. Ultra Tech.

Activity:

- This is a proposal for construction of a Residential Complex comprising of 8 nos. Residential Blocks (B+G+XII). Total land area is 18850.93 sqm. and total built up area is 89272.71 sqm. Total no. of flats 888 nos. (2 BHK – 612; 3 BHK – 276).

Salient Features

- Salient features of the proposed project as uploaded in the PARIVESH portal by the PP is given below –

Land area (as per deed)	18850.93 sqm
Ground Coverage	6312.49 sqm (33.49%)
Service Area	1300.38 sqm (6.90%)
Paved Area	7047.52 sqm (37.39%)
Exclusive Tree Plantation Area	3815.25 sqm (20.24%)
Open Parking Area	375.29 sqm (1.99%)
Total Built Up Area	89272.71 sqm
Latitude & Longitude of site	22°30'43.54"N & 88°16'22.45"E
No. of Blocks & Story	8 nos. Residential Blocks (B+G+XII)
Total nos. of Flats	888 nos. (2 BHK – 612; 3 BHK – 276)
Source of Water	Ground water
Total Quantum of Water required	616 KLD
Fresh Water required	453 KLD
Waste water generated	462 KLD
Treated Wastewater Recycled	163 KLD
Quantity of Wastewater Discharge	299 KLD
Quantity of Solid Waste Generation	2230 kg/day
Constructional Phase Water Demand	60KLD (Construction work – 9KLD, Workers –51KLD)
Total Population During construction	721 persons
Total Population During Operation	5235 persons (fixed: 4716, floating: 472, service: 47)
Electrical load	2784.05KW or 3275.35 KVA
Electricity Supplied By	WBSEDCL
D.G. Sets	2 nos. 750 KVA
Number of cars required	511 nos.
Number of cars provided	648 nos. [Basement – 354 nos., Ground Floor – 294 nos.]
Total no. of trees provided	312 nos.
Project cost	Rs.25838 Lakhs

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 20.01.2023.
- The PP was called for the EC presentation in the 65th SEAC meeting held on 08.02.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - i) Building permit from the concerned authority should be submitted.
 - ii) Impact of the basement on the shallow ground water flow.
 - iii) The PP should explore the possibility of using rainwater in dual flushing system. Plan in this regard to be submitted.
 - iv) Revised need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Actual needs of the locality should be identified. Consents of the potential beneficiaries are to be submitted. Actual beneficiary-names are to be displayed at the site.
 - v) Display board indicating environmental parameters and beneficiaries of the social part of EMP should be installed.
 - vi) 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) Sensor based water quality management system.
 - d) STP with the digital data for inlet / outlet along with discharge quality.
 - e) Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality. Heights of the air sampling points should be as per CPCB norms.
 - f) Ambient noise quality monitoring station.Plan in this regard should be provided.
 - vii) Plan and flowsheet for distributing rainwater to the harvesting reservoir (existing waterbody) and recharge structures. Regular monitoring of the water level by constructing a piezometer is necessary for examining the efficacy of recharge.
- The project proponent uploaded their reply in PARIVESH Portal on 01.04.2023, which was considered in the 74th SEAC meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance.**

II. Proposed Modification and Expansion of an ongoing Mass Housing Project "SHUKHOBRIHTI" at Plot Nos. - E/1, E/2, Action Area III, Mouza – Patharghata, New Town, Rajarhat, Dist. – 24 Pgs (N), Kolkata – 700156, West Bengal.

Proposal No. SIA/WB/MIS/70155/2020
Project Proponent M/s. Bengal Shapoorji Housing Development Private Limited.
Environmental Consultant M/s. Centre for Sustainable Development.

Activities:

- This is a modification and expansion proposal of Mass Housing Project. Total built up area of the project is 13,79,789.98 sqm. on a land area is 6,07,023.70 sqm. (150 acres). Total no. of flats 19430.

Salient Features

- Salient features of the proposed project as uploaded in the PARIVESH portal may be summed up as below –

Salient features	Existing project for which EC was granted vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	Modification and expansions proposed
Land area	6,07,023.70 sqm. (150 acres)	6,07,023.70 sqm. (150 acres)
No. of blocks	Residential – G+4 storied – 200 nos. Residential – G+14 storied – 36 nos. School + Shopping complex + health centre + community centre	LIG Blocks 153 nos. – G+4 storied MIG Blocks 15 nos. – G+14 storied UMIG Blocks 24 nos. – G+14 storied Club 1 – G+1 storied 1 no. Club 2 – G+2 storied 1 no. ATM – G storied 1 no. Hospital 1 no. – B+G+6 storied School 1 no. – G+4 storied Mall & Office Block 1 no. – 2B+G+7 storied Convention Centre Block – 1 no. 2B+G+7 storied Showroom Block 1 no. – G+3 storied
No. of Flats	20,000 nos. (LIG Flats – 12000, MIG Flats – 8000)	19430 (LIG Flats – 9874, MIG Flats – 3840 + UMIG Flats – 5716) nos.
Expected Population		Residential – 92992 Residential staff – 100 Hospital Patients – 150 Hospital employees – 750 School students – 375 School teachers – 10 School staff – 19 Shop visitors – 2700 Shop employee – 300 Office employees – 793 Restaurant – 1461 Food Court – 1339 Multiplex – 1300 Banquet – 1429

Salient features	Existing project for which EC was granted vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	Modification and expansions proposed
		Conference Room – 750 Convention Centre – 167 Meeting Room – 350 Cafeteria – 167 Service Apartment – 128 Showroom employees – 16 Showroom visitors – 144 Office employee – 210 Total – 1,05,650 persons
Latitude & Longitude	22°34'10"N (approx.), & 88°30'23"E (approx.)	
Total water requirement (operation stage)	5690 KLD	(Expansion – 7932 KLD) Total 13,622 KLD
Fresh water requirement	5690 KLD	(Expansion – 7932 KLD) (WBHIDCO supply) Total 13,622 KLD
Waste water generated	4321 KLD	(Expansion – 6089 KLD) Total 10,410 KLD (to be discharged into WBHIDCO sewer)
Domestic water requirement (operation stage)	5401 KLD	(Expansion – 7611 KLD) Total 13,012 KLD
Landscaping requirement (Treated waste water)	289 KLD	(Expansion – 321 KLD) Total 610 KLD
Solid Waste Disposal		MSW – 36341 kg/day (disposed off to WBHIDCO) Biomedical waste – 56.25 kg/day (to authorized agency)
Total Built-up area	10,19,800 sq.m. (for sanction)	13,79,789.98 sq.m
Proposed ground coverage	165505 sqm. (27.3% of Land Area)	1,72,720.88 sq.m (28.45% of Land Area)
Internal Road Area	--	2,54,485.25 sq.m (41.92% of Land Area)
Exclusive Tree Plantation Area	--	1,21,918.00 sq.m (20.08% of Land Area)
Open Parking Area (Semi Paved)	--	31,794.12 sq.m (5.24% of Land Area)
Open Parking Area (Paved)	--	12,400.00 sq.m (2.04% of Land Area)
Service & Amenities Area	--	11,705.33 sq.m (1.93% of Land Area)
Proposed waterbody area	3310 sqm (0.55% of Land Area)	2,000.13 sq.m (0.33% of Land Area)
No. of Plantation	Plantation in CTO obtained area – 5363 nos.	(Proposed plantation 4798 nos.) Total plantation 10,161 nos.
Parking Provided	--	Statutory requirement of parking – 14,231 nos. Parking provided – Car – 10811 nos.

Salient features	Existing project for which EC was granted vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	Modification and expansions proposed
		2 wheelers – 9900 nos. LCV – 88 nos. Bus – 33 nos.
D.G. Sets for Back Up power	--	123 nos. 14.5 KVA
Electricity Load	--	37210 KVA by WBSEDCL
Total project cost (Rs.)	--	Rs. 2393.84333 Crores

Chronology of the Events

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 13.07.2020.
- SEIAA issued Auto ToR 23.09.2020.
- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 17.03.2022.
- The matter was taken up by the SEAC in its 39th meeting held on 27.04.2022 where the PP presented their case.
- Based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration -
 1. Comparative Statement of all the salient features for the entire project –
 - i. portion completed as per the EC approved,
 - ii. remaining portion not yet constructed but approved under EC,
 - iii. proposed construction beyond the EC received and
 - iv. other important features.
 2. Concurrence for water supply, waste water discharge, solid waste disposal and other services from the Competent Authorities.
 3. Permission from WBF&ES and the AAI.
 4. Land related documents.
 5. Plan for installation of organic waste composter facility as per the Solid Waste Management Rules 2016.
 6. Detailed plan of solar power plant including PV array. The solar PV installation may be planned for grid connectivity.
 7. Units for ambient air quality in the EIA report to be mentioned.
 8. Details regarding the proposed hospital – No. of beds, plan for management of BMW waste generated, permission from the competent authority etc.
 9. Recast recharge structure provisions as discussed in the meeting.
 10. Proper sub-surface lithological profile of the area.
 11. Point 28 in form no 2 and the relevant portion in page 1-5 of EIA report is to be rectified as it has been admitted in page 3-6 of the said report that endemic, endangered faunal spp like *Varanus flavescens*, *Lissemys punctata*, which are schedule-I animals and marsh mongoose which are schedule-II animals were commonly encountered in the project site/study area. So, a comprehensive conservation plan needs to be prepared.

12. Plan for installation of efficient water fixtures for conservation of water.
 13. Rainwater harvesting to be used to gardening and car washing which should be included in the water balance.
 14. While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.
 15. All sanction drawings including building permit.
 16. Details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
 17. Inclusion of Clubs, ATM, Hospital, School, Mall, Office Block, Convention Centre, Showroom Block, etc. makes the expansion project a commercial building project. The entire gamut of EIA/ EMP may be relooked from that angle.
 18. Allocation for environmental management may be revised upward to make the EMP cost commensurate with the cost of expansion and modification proposed. Budget showing allocation for different heads should be mentioned. There should not be any overlap of CSR and CER activities. These activities must be taken up in localities outside the project boundary.
 19. Being a project under Schedule 8(b) of the EIA Notification 2006, the project does not require mandatory public hearing. But it would be in the fitness of thing to plan for a need-based CER and for that a need assessment study may be carried out. While allocation of funds under Corporate Environment Responsibility may be clear and unambiguous, commitments made by the PP to address the environmental concerns may be clearly mentioned to enable the SEAC to prescribe specific condition(s) in physical terms while recommending the proposal to SEIAA. All the activities proposed by the PP or prescribed by the SEIAA-WB shall be part of the Environment Management Plan.
 20. As a part of the rainwater harvesting scheme, it has been proposed to undertake ground water recharging in a staggered fashion. In order to ascertain that such recharges are effective it is recommended that the recharge be made to aquifers in medium-to-coarse-sand layers. The strainers can also be placed in fine sand, if and only if, medium-to-coarse-sand layers are not available and an appropriate strainer is chosen. As envisaged in para (j) above appropriate lithology(s) showing sub-surface profile may be of immense help. From the drawing, no recharging should be done above 120m below ground level. Recharge well should be in the green area and suitably spaced.
 21. Conservation scheme for the endangered animals should be proposed.
 22. Embankment of the waterbody should be properly protected and maintained- an undertaking should be given.
 23. Measures for water conservation should be highlighted.
 24. Access/ facilities for the differently able people should be provided especially to the common facilities like club or commercial area.
 25. While designing the hospital and commercial complex, depth of the basement should be specified and its impact on the groundwater flow should be examined.
 26. Disaster Management Plan.
- The PP uploaded their reply in PARIVESH Portal on 09.08.2022.

- The SEAC scrutinized the documents submitted by the PP in the 49th SEAC meeting held on 24.08.2022. After careful consideration and detailed deliberation, the committee noted that the latest documents / clearances for the present expansion proposal should have been uploaded in the “PARIVESH” portal. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration –
 - a) Clearance from the WBF&ES as mentioned in the sanction plan issued by NKDA on 28.10.2021.
 - b) Clearance from the Airport Authority of India.
 - c) Building permit for the sanction plan issued in 2021.
 - d) Development Agreement & Power of Attorney.
 - e) Comparative statement of the salient features of the project for the EC issued, the present proposal for expansion and the total project after expansion.
 - f) In the EC issued vide No. EN/393/T-II-1/167/2007 dated 22.02.2008 the proposed waterbody is 3310 sqm (0.55% of Land Area). However, in the present proposal the waterbody area is given as 2,000.13 sq.m (0.33% of Land Area). Reasons for decrease in area of the waterbody to be submitted.
 - g) Provide all the following documents related to High Rise Building as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - i. Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - ii. Air circulation (effect on natural ventilation and wind speed).
 - iii. Day lighting (how dependence on artificial lighting during daytime is affected).
 - h) Certified compliance report from the competent authority as per O.M. issued by the MoEF&CC dated 08.06.2022.
 - i) A comprehensive conservation plan to protect the scheduled I species found in the study area may be prepared in consultation with Forest officials/Wild life experts and to get it authenticated by PCCF/Wildlife or Chief Wild Life Warden of the state.

The PP was also requested to deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

- The project proponent submitted their reply on 15.02.2023 which was considered in the 67th SEAC meeting held on 22.02.2023.
- The SEAC scrutinized the documents submitted by the PP in the 67th SEAC meeting held on 22.02.2023 and observed that the PP has not uploaded the Certified Compliance Report from MoEF&CC in the PARIVESH portal. The PP is required to upload the same.
- Also, the committee recommended that an inspection of the project site should be conducted by SEAC to assess the present status of the project.
- The PP had submitted reply on 03.03.2023 in PARIVESH Portal.
- An inspection of the project site was conducted by SEAC on 01.04.2023. Inspection report is uploaded as **Annexure – 2**.

- The reply of the project proponent dated 03.03.2023 and the report of inspection dated 01.04.2023 was considered by the SEAC in the 74th meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the inspection report dated 01.04.2023 and the submission made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration -
 - The proposed expansion and modification project may exclude the upcoming commercial buildings and hospital. Separate EC clearance may be sought for these areas as and when construction of commercial buildings and hospital are proposed to be taken up. As such, the information provided in the EC application, in respect of areas etc., should accordingly be revised.
 - EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted.

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

Once the PP’s responses on the above queries are uploaded on the “PARIVESH” portal, the SEAC will consider the case further.

2.1.3) Industry Sector :

- III. **Proposed expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of Existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM) at Khatian No. 257, 341, 2103, JL No.038,039,026, Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal.**

Proposal No.	SIA/WB/IND/69475/2010
Project Proponent -	M/s. Ambuja Cements Ltd., Unit – Farakka.
Environmental Consultant -	M/s. Rian Enviro Private Limited.

Activity:

- This is a proposal for expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of Existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM) at Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal.

Salient Features:

- Salient features of the proposed project as per the EIA report as uploaded in the PARIVESH portal is given below –

Brief description of the project	Proposed expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of Existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM).
----------------------------------	---

Project Location	Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal. Site Coordinates: 24°46'23.46"N, 87°52'55.98"E 24°46'38.25"N, 87°53'03.80"E 24°46'32.24"N, 87°53'19.26"E 24°46'45.64"N ,87°53'13.82"E		
Proposed Products & Capacity	Particular	Existing	Subsequent Modification / Addition
	Cement Grinding Mill	1 x 150 TPH	--
	Packing Plant	2 x 240 TPH ;16 spout	--
	Wagon tippler	1400 TPH	--
	Wagon loader machine	11 x120 TPH	--
	Steel cord belt bucket elevator	250-550 TPH (5 nos.)	--
	Truck loader machine	8 x120 TPH	--
	Belt conveyor (Material -clinker, gypsum, cement bags)	41 x 120-1500 TPH (41 nos.)	--
	Screw conveyor (Material - fly ash, cement)	10-52 TPH (7 nos.)	--
	Pneumatic Pump Conveying	45-55 TPH (3 nos.)	--
	Truck tippler (Hydraulic Truck unloaders of 70 MT standing capacity for valvo FH12 340 Trailor tippler, Model - 70T / 55 deg)	2 x 45 TPH	--
	Vertical Roller Mill	--	1 x 260 TPH
	Mechanical systems for clinker unloading, conveying to covered storage	--	1 x 50000 T
	Gypsum, slag unloading, conveying to covered stockpile	--	Gypsum (2 x 4000T) Slag (2 x 4000T)
	Covered shed for Wet flyash, Slag and coal	--	Wet fly ash (12000T) Slag (32500 T) coal (2000 T)
Steel silo for special cement	--	1 x 2000T	
Rotary packers with connection to existing truck/trailer/ rail loading facility.	--	2 x 240 TPH	

Raw materials	Clinker - 0.74 MTPA Fly ash - 0.53 MTPA Gypsum - 0.079 MTPA Slag - 0.401 MTPA			
Total Plant Area	72.8 Acre (294611.1 sqm.)			
Area breakup		Existing Area (Acre)	Proposed Area (Acre)	
	Cement Plant (including Road)	34	36	
	Green Belt	29	24	
	Built up Area (incl., storage yard, office building, colony etc.)	10	13	
	Total Plant Area	72.8	72.8	
Greenbelt area	97124.6 sqm (above 33%)			
Power Demand	Existing	Proposed	Total	
	8 (MVA)	10 (MVA)	18 (MVA)	
Source: WBSEDCL and existing DG set (For back up).				
Water Demand	Particulars	Requirement for Existing Plant (KLD)	Requirement for Proposed Plant (KLD)	Total (KLD)
	Cement Plant (process & operations)	80	120	200
	Plant (Domestic Drinking)	120	30	150
	Residential Quarters/Colony (Domestic + Drinking)	50	--	50
	Total (Existing + Proposed)	250	150	400
	2.6 KLD water will be available from Rain Water Harvesting (RWH) system. Source: The required water will be sourced from Ground water			
Air pollution control device	Existing Stack No.	Stack Attached to	APC System & Air Volume	
	1	Cement Ball Mill	Individual Bag Filter is attached as APC System. Volume 37562.06 Nm3 /hr	
	1	Packer (Main) Cement packing process	Bag Filter Volume 24485.45 Nm3 /hr	
	1	Wagon Tippler	Bag Filter 91852.56 Nm3 /hr	
	1	1X1250 KVA DG	--	
	Proposed Stack No.	Stack Attached to	APC System & Air Volume	
	1	Cement Mill	Bag Filter Volume 68000 m³/hr	
	2	(2 Nos.) packer	Bag Filter Volume 28000 m³/hr Each	
Solid waste generation	No solid waste is being / will be generated from the cement plant. Dust collected from the APCEs is being / will be totally recycled back into the process. Sludge generated from Soak pit/STP is being/will be used as manure in green belt development /			

	plantation.		
Manpower		Employee	Employee
		Permanent	
		Existing:	360
		Proposed:	140
		Total	500
		Contractual	
		Existing:	--
		Proposed:	1000
Total Cost of the project.	Rs. 300 Crores		

Chronology of the Events:

- Earlier the PP had obtained EC issued by SEIAA vide No. EN/27/T-II-1/074/2009 dated 04.01.2010 and Consent to Operate from WBPCB vide Memo No. 1417/ml-co-O/10/1085 dated 29.11.2017 which was valid upto 30.11.2022.
- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.12.2021 (Proposal No. SIA/WB/IND/69476/2021).
- The PP had obtained Auto-Terms of References (TORs) issued by SEIAA, West Bengal on 22.12.2021.
- Public hearing was conducted on 30.06.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.11.2022.
- The PP was called for the EC presentation in the 59th SEAC meeting held on 21.12.2022 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - i) Certified Compliance Report (CCR) stating complete compliance with the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
 - ii) Complete land documents mentioning the individual dag nos., their status of conversion, mutation and area adding upto the total area of the project.
 - iii) Detailed layout plan showing the area and percentage of all the unit operations including greenbelt, paved area etc.
 - iv) Location of the borewell and the distance between the wells. Pumping schedule of the wells should be provided.
 - v) Hydrogeological study report should be submitted.
 - vi) Status of installation of continuous ambient air quality monitoring system and online stack monitoring system.
 - vii) Installation of digital display board for display of all environmental parameters.
 - viii) Detailed plan for storage and handling of raw material especially phospho-gypsum.
 - ix) Drone photographs of the sites showing present condition alongwith abutting area and structures.

- The project proponent uploaded their reply in PARIVESH Portal on 01.02.2023, which was considered in the 65th SEAC meeting held on 08.02.2023.
- The SEAC scrutinized the documents submitted by the project proponent in the meeting. After careful consideration and detailed deliberation the committee recommended that an inspection of the project site should be conducted by SEAC to assess the present status of the project.
- An inspection of the project site was conducted by SEAC on 01.04.2023. Inspection report is uploaded as **Annexure - 3**.
- The report of inspection dated 01.04.2023 was considered by the SEAC in the 74th meeting held on 12.04.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance** with the following additional conditions:-
 - a) Regular monitoring of fugitive dust emission within the plant to be carried out and submitted along with the six monthly compliance report.
 - b) Status of periodical health check-up including audiometry both for workers and persons residing in the colony. This should be submitted along with the six monthly compliance report.

Table-1 : List of the projects which were placed before the reconstituted SEAC in the seventy fourth meeting held on 12.04.2023 and the Summary Decisions thereof:

Sl. No.	Name of the unit & Project address	Summary Decision
1. Cases for Technical Presentation		
1.1) Terms of Reference		
1.1.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Indus Sand Mine (MIN_BNK_53) over an area of 15.87 ha (39.21 Acres) on the Dwarakeswar River at Mouza – Shanpura, Plot No. 794, JL No 57 & Mouza Bhabapur, Plot No. 808, JL No. 100, P.S.– Indus, Dist.– Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424119/2023)	Recommended for Terms of Reference
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed MIN_BNK_16_B Sand Mine over an area of 12.51 ha (30.89 Acres) on the Damodar River at J.L. No.- 28, Plot No: - 869, Mouza: Tasuli, Block: - Patrasayer, District: - Bankura, West Bengal. (Proposal No. SIA/WB/MIN/417897/2023)	Recommended for Terms of Reference

Sl. No.	Name of the unit & Project address	Summary Decision
1.1.2) Industry Sector		
I.	M/s. Majee Iron & Minerals Private Limited Proposed expansion project for installation of Reheating Furnace and Rolling Mill of 18000 TPA at JL No. 102, Khatian No. 97, 104, 119, Vill – Ranpur-Murgabani, PO – Bonra, PS – Neturia, Dist – Purulia, PIN – 723121, West Bengal. (Proposal No. SIA/WB/IND/73871/2022)	Absent
1.1.3) Construction Sector		
I.	M/s. Power Point Buildcon Pvt. Ltd Proposed Modification & Expansion of Residential Complex at Old Calcutta Road, Mouza- Patulia, R.S. Dag Nos. 696(P), 697 - 700, 737(P), 743, 744(P), 749, 750, 754 - 762, 766(P), 768 - 774, 776, 777, 844(P), 845(P), 846, 847(P), 849 - 851, 853 - 858, 767/1687, 770/1251, 770/1252, 771/1253, 777/1254 & 856/1260, Corresponding To L.R. Dag Nos. 1554 - 1557, 1583, 1585(P), 1586 - 1591, 1594, 1595(P), 1596 – 1599, 1635(P), 1661(P), 1702 - 1720, 1722 - 1724, 1726, 1732(P), 1733, 1734(P), 1735, 1736(P), 1824, 1825, J.L.-4, Under Patulia Gram Panchayat, Police Station - Khardah, Kolkata -700119, District - North 24- Parganas, West Bengal (VIOLATION CASE). (Proposal No. SIA/WB/INFRA2/424134/2023)	Recommended for Terms of Reference under violation category
1.2) Environmental Clearance		
1.2.1) Industry Sector		
I.	M/s. Saraogi Shellac Overseas Corp. Proposed 24 TPA Green Field Ambrettolide Manufacturing at Dankuni Industrial Complex, Chanditala - Serampore Road Opposite of MBW & Bhagardhar, Dankuni - 712702, West Bengal. (Proposal No. SIA/WB/IND3/410038/2022)	Absent
II.	M/s. Advay Udyog Pvt. Ltd. Proposed expansion project by installation of 4X30 T Induction Furnaces instead of 4X20 T Induction Furnaces, 4,00,000 TPA Capacity Continuous Casting Machine instead of 2,40,000 TPA Capacity, 4,00,000 TPA Capacity Rolling Mill instead of 2,00,000 TPA Capacity (as per previous EC vide Memo No. 1775/EN/T-II1/068/2015 dated 17.08.2017 and Transfer of EC dated 31.08.2021, issued by SEIAA, West Bengal) and New installation of 1x35 TPH Capacity Slag Crusher Unit, 1x15,000 TPM Capacity Galvanizing / Electroplating Unit, 1x600 TPM Capacity Wire Drawing with Annealing Unit, 1x175 TPM capacity Nail & Screw making unit & 1x2000 TPM	Additional Details Sought

Sl. No.	Name of the unit & Project address	Summary Decision
	Capacity Torkari Unit, 1x65,00,000 Kcal/hr capacity Coal Gasifier at Village: Ghutgaria, Plasto Steel Park, Barjora, Dist. Bankura, West Bengal. (Proposal No. SIA/WB/IND1/406850/2022).	
1.2.2) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed MIN_BNK_32 Sand Mine over an area of 3.10 ha (7.66 Acres) on Darakeswar River at J.L. No.: 115, Plot No.: 1756, 2094, Mouza: Nandur, P.S. Patrasayar, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/422343/2023)	Recommended for Environmental Clearance
II.	Shri Krishna Agarwal Proposed River Bed Sand Mine of Nimai SIL 6 over an area of 1.2 ha (2.96 Acres) on Balason River at JL No. – 57, Plot No. – 262(P), 264(P), 266(P), 281(P), Mouza – Nimai, P.S. – Matigara, Dist – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/424135/2023).	Additional Details Sought
III.	Shri Ajay Sharma Proposed River Bed Sand Mine of Bournivitar Chhat over an area of 4.32 ha (10.67 Acres) on Balason River at J.L No.- 82, Plot No.- 6, Mouza- Bournivitar Chhat, P.S.- Naxalbari, District: - Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/424158/2023).	Additional Details Sought
IV.	Smt. Nitu Dubey. Proposed River Bed Sand Mine of Antaram Part III over an area of 3.80 ha (9.38 Acres) on Mechi River at Mouza- Antaram J.L. No.- 05, Plot No- 8, 23, 25, 32, 72, P.S- Khoribari, Block- Khoribari, Dist- Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/424074/2023).	Additional Details Sought
V.	Shri Santosh Singh Proposed Nimai SIL 8 Riverbed Sand & Stone Mine over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/423510/2023).	Additional Details Sought
VI.	Shri Mohan Lal Singha. Proposed Golahat Sand Mine over an area of 2.65 ha (6.55 Acres) on the Shilabati River at JL No. – 573, Plot No. – 1(P), P.O. + P.S. - Garhbeta, Dist - Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/260553/2022).	Rejected

Sl. No.	Name of the unit & Project address	Summary Decision
VII.	Shri Bidhan Patra Proposed Mankyapal Sand Block M.BIN.B-34 over an area of 5 ha (12.35 Acres) on Kangsabati River at JL No. – 814, Plot No. – 1(P), 2(P), Mouza – Mankyapal, Block + P.S. - Binpur, Dist – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/262416/2022).	Rejected
2. Reconsideration		
2.1) Environmental Clearance		
2.1.1) Mining of Minerals		
I.	Shri Santanu Roy. Proposed Kalla Sand Mine over an area of 4.87 ha (12.02 Acres) on River Damodar at Plot No.-4, J.L. No.-38, Mouza –Kalla, P.S.- Saltora, Dist. –Bankura, West Bengal. (Proposal No. SIA/WB/MIN/405935/2022)	Recommended for Environmental Clearance
II.	Mr. Sabir Ansari. Proposed Riverbed Sand Mining on Kangsabati River (2.80 Hectare 6.91 Acre) at J.L No. 35 & 43, Plot No. 7074 (P) & 616 (P), Mouza: Jambaid & Gagda, P.S: Puncha, District: Purulia, West Bengal. (Proposal No. SIA/WB/MIN/263067/2022)	Recommended for Environmental Clearance
2.1.2) Construction Sector		
I.	M/s. Tirath Projects Pvt. Ltd. Proposed Residential Complex at Holding No. L3-55/13, P.O. & P.S. – Maheshtala, Mouza – Sapamirzanagar, under Maheshtala Municipality, District – South 24 Parganas, PIN – 700 141, West Bengal. (Proposal No. SIA/WB/INFRA2/415205/2023)	Recommended for Environmental Clearance
II.	M/s. Bengal Shapoorji Housing Development Private Limited. Proposed Modification and Expansion of an ongoing Mass Housing Project "SHUKHOBRIHTI" at Plot Nos. - E/1, E/2, Action Area III, Mouza – Patharghata, New Town, Rajarhat, Dist. – 24 Pgs (N), Kolkata – 700156, West Bengal. (Proposal No. SIA/WB/MIS/70155/2020)	Additional Details Sought
2.1.3) Industry Sector		
III.	M/s. Ambuja Cements Ltd., Unit – Farakka. Proposed expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of Existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM) at Khatian No. 257, 341, 2103, JL No.038,039,026, Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal.	Recommended for Environmental Clearance

Sl. No.	Name of the unit & Project address	Summary Decision
	(Proposal No. SIA/WB/IND/69475/2010)	

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/-

(Dr. Ashit Kumar Mukherjee)
Chairman
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Nilangshu Bhusan Basu)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Anirban Gupta)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Goutam Kumar Saha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Rajesh Kumar, IPS)
Secretary
State Expert Appraisal Committee, West Bengal

Annexure – 1

UNDERTAKING for Building projects

(To be done on Non-Judicial Stamp Paper of valuation Rs.10/- and duly notarized)

I, son of _____ (Father's Name) _____, resident of _____ (Address) _____ presently working as _____ (Designation) _____ of M/s. _____ (Organization Name) _____ am an authorized person of the above named organization, do hereby solemnly declare and state as follows :

1) THAT M/s. _____ are the project proponent in respect of the _____ (Project Name) _____.

2. THAT M/s. _____ has constructed _____ sq.mt. built-up area at premises No. _____.

3. THAT in terms of EIA Notification 2006 and amendments thereof, our project falls within the purview of environment clearance.

4. THAT M/s. _____ has failed to get prior environmental clearance as per statutory provisions of EIA Notification due to the reasons mentioned below: (please mentioned the reasons) –

- i.
- ii.
- iii.
- iv.

5. THAT M/s. _____ has submitted the application form for obtaining necessary Terms of Reference / Environmental Clearance as per EIA Notification, 2006 and its amendments issued by the Ministry of Environment, Forest & Climate Change & Standard Operating Procedure (SoP) issued by MoEF&CC vide its OM dated 07.07.2021 which was upheld by hon'ble Supreme Court vide its order dated 09.12.2021 (MoEF&CC O.M. No.22-21/2020-IA.III[E 138949] dated 28.01.2022).

6. Now I, on behalf of the Project Proponent undertake the followings :-

- a) To comply with all statutory requirements/norms, for obtaining Environmental Clearance;
- b) To take all necessary permissions/licences/clearances from the concerned Government Departments and to submit compliance before the State Level Appraisal Committee, West Bengal;
- c) To take all measures for the protection of the environment as may be prescribed by the Central Government or the State Government from time to time at the expenses of the project proponent.

7. THAT the project proponent also undertakes not to repeat such violation in future, in case of violation, the ToR/EC shall be liable to be terminated.

The above-mentioned statements are true to the best of my knowledge and belief.

DEPONENT

Report on Site Inspection undertaken by SEAC (WB)**Introduction**

Pursuant to the resolutions adopted in its 67th meeting held on 22.02.2023, the State Level Expert Appraisal Committee (SEAC) undertook a site inspection of the Township and Area Development project by M/s. Bengal Shapoorji Housing Development Private Limited at Plot Nos. - E/1, E/2, Action Area III, Mouza – Patharghata, New Town, Rajarhat, Dist. – 24 Pgs (N), Kolkata – 700156, West Bengal. Following SEAC members comprised the inspecting team:

- | | | |
|----|--------------------------------|--------------|
| 1. | Prof. (Dr.) Sampa Chakrabarti, | Member, SEAC |
| 2. | Prof. (Dr.) Suchandra Bardhan, | Member, SEAC |
| 3. | Prof. (Dr.) Indranath Sinha, | Member, SEAC |

The team was accompanied by:

- | | | |
|----|-----------------------|--|
| 1. | Shri Debashis Sarkar, | Chief Engineer,
West Bengal Pollution Control Board |
|----|-----------------------|--|

The inspection was undertaken on Saturday, the 1st April, 2023 from 12.00 to 15.30 hrs.

The inspecting team met, amongst others, the following representatives of the project proponent M/s. Bengal Shapoorji Housing Development Private Limited.

- | | | |
|----|--------------------------|------------------------|
| 1. | Shri Prosenjit Dasgupta, | VP-Projects |
| 2. | Shri Amitava Das, | GM-Projects |
| 3. | Shri Subhadip Pyne, | DGM- Management System |
| 4. | Shri Tuhin Nath, | DGM, Architecture |

Background:

M/s. Shapoorji Palonji & Co. Ltd. had obtained Environmental Clearance from SEIAA, WB for proposed Mass Housing Project 'SP City' at Action Area – III, New Town, Rajarhat, 24 Parganas (N) vide Letter No. EN/393/T-II-1/167/2007 dated 22.02.2008. Subsequently, name of the developer changed from M/s. Shapoorji Palonji & Co. Ltd. to M/s. Bengal Shapoorji Housing Development Private Limited.

The Environmental Clearance (No. EN/393/T-II-1/167/2007 dated 22.02.2008) was granted for construction of a Mass Housing Complex having 20,000 dwelling units (consisting of 12,000 flats in 200 nos. G+4 storied buildings and 8000 flats in 36 nos. G+14 storied buildings) with necessary support services such as primary schools, shopping complexes, health centre, community centre etc. The PP had obtained Consent to Establish and Consent to Operate from WBPCB for the completed portion of the project. It's still an ongoing project.

Now, the PP has applied for Environmental Clearance for Modification and Expansion of an ongoing Mass Housing Project "SHUKHOBRIHTI". The matter was taken up in the 67th meeting of the SEAC held on 22.02.2023 and it was decided that, a field verification of the project site has to be conducted for further consideration of the case.

Salient features of the modification and expansions proposal vis-à-vis the original proposal are tabulated below:

Salient features	Existing project for which EC was granted vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	Modification and expansions proposed
Land area	6,07,023.70 sqm. (150 acres)	6,07,023.70 sqm. (150 acres)
No. of blocks	Residential – G+4 storied – 200 nos. Residential – G+14 storied – 36 nos. School + Shopping complex + health centre + community centre	LIG Blocks 153 nos. – G+4 storied MIG Blocks 15 nos. – G+14 storied UMIG Blocks 24 nos. – G+14 storied Club 1 – G+1 storied 1 no. Club 2 – G+2 storied 1 no. ATM – G storied 1 no. Hospital 1 no. – B+G+6 storied School 1 no. – G+4 storied Mall & Office Block 1 no. – 2B+G+7 storied Convention Centre Block – 1 no. 2B+G+7 storied Showroom Block 1 no. – G+3 storied
No. of Flats	20,000 nos. (LIG Flats – 12000, MIG Flats – 8000)	19430 (LIG Flats – 9874, MIG Flats – 3840 + UMIG Flats – 5716) nos.
Expected Population		Residential – 92992 Residential staff – 100 Hospital Patients – 150 Hospital employees – 750 School students – 375 School teachers – 10 School staff – 19 Shop visitors – 2700 Shop employee – 300 Office employees – 793 Restaurant – 1461 Food Court – 1339 Multiplex – 1300 Banquet – 1429 Conference Room – 750 Convention Centre – 167 Meeting Room – 350 Cafeteria – 167 Service Apartment – 128 Showroom employees – 16 Showroom visitors – 144 Office employee – 210 Total – 1,05,650 persons
Latitude & Longitude	22°34'10"N (approx.), & 88°30'23"E (approx.)	
Total water requirement (operation stage)	5690 KLD	(Expansion – 7932 KLD) Total 13,622 KLD
Fresh water requirement	5690 KLD	(Expansion – 7932 KLD) (WBHIDCO supply)

Salient features	Existing project for which EC was granted vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	Modification and expansions proposed
		Total 13,622 KLD
Waste water generated	4321 KLD	(Expansion – 6089 KLD) Total 10,410 KLD (to be discharged into WBHIDCO sewer)
Domestic water requirement (operation stage)	5401 KLD	(Expansion – 7611 KLD) Total 13,012 KLD
Landscaping requirement (Treated waste water)	289 KLD	(Expansion – 321 KLD) Total 610 KLD
Solid Waste Disposal		MSW – 36341 kg/day (disposed off to WBHIDCO) Biomedical waste – 56.25 kg/day (to authorized agency)
Total Built-up area	10,19,800 sq.m. (for sanction)	13,79,789.98 s.qm
Proposed ground coverage	165505 sqm. (27.3% of Land Area)	1,72,720.88 sq.m (28.45% of Land Area)
Internal Road Area	--	2,54,485.25 sq.m (41.92% of Land Area)
Exclusive Tree Plantation Area	--	1,21,918.00 sq.m (20.08% of Land Area)
Open Parking Area (Semi Paved)	--	31,794.12 sq.m (5.24% of Land Area)
Open Parking Area (Paved)	--	12,400.00 sq.m (2.04% of Land Area)
Service & Amenities Area	--	11,705.33 sq.m (1.93% of Land Area)
Proposed waterbody area	3310 sqm (0.55% of Land Area)	2,000.13 sq.m (0.33% of Land Area)
No. of Plantation	Plantation in CTO obtained area – 5363 nos.	(Proposed plantation 4798 nos.) Total plantation 10,161 nos.
Parking Provided	--	Statutory requirement of parking – 14,231 nos. Parking provided – Car – 10811 nos. 2 wheelers – 9900 nos. LCV – 88 nos. Bus – 33 nos.
D.G. Sets for Back Up power	--	123 nos. 14.5 KVA
Electricity Load	--	37210 KVA by WBSEDCL
Total project cost (Rs.)	--	Rs. 2393.84333 Crores

- a) Through a power-point presentation an overview of the proposed expansion project was elucidated. The presentation was followed by an interactive discussion during which a few queries raised by the visiting SEAC team were clarified.
- b) The team, escorted by a few representatives from the proponent side, then took a tour around the site and visited a few plantation sites and water holding areas.
- c) The team also took a birds eye view from atop a completed G+14 storied building.

Observations

From the field inspection made and the discussions held, the following observations were made.

- 1) As per terms of Development Agreement with WBHIDCO, the waste water generated from the project is connected to the trunk sewer line of WBHIDCO for treatment in CSTP.
- 2) No organic waste compost facility exists at the site. Solid wastes generated are stored in vats provided at different locations which are then collected by the Newtown Kolkata Development Authority (NKDA).
- 3) Tree plantations made seemed to be adequate. But at many locations ornamental plants formed a significant portion of the plantations. Also, additional trees are needed to be planted according to the DFO approved plantation plan.
- 4) The PP has created an artificial waterbody in the project site which is being used for rainwater harvesting.
- 5) Solar power (PV panels) have been installed over the electric sub-station only; the installed capacity of 30 kwp is too inadequate and actually negligible if the scale of the project is concerned.

Remarks:

- a) The proposed expansion and modification project may exclude the upcoming commercial buildings and hospital. Separate EC clearance may be sought for these areas as and when construction of commercial buildings and hospital are proposed to be taken up. As such, the information provided in the EC application, in respect of areas etc., may accordingly be revised.
- b) Exclusive tree plantation should be done as per the DFO approved plantation plan. For other plants, native species with coarse leaves should be given preference over exotic and water-intensive species. An in-house plant nursery may be considered to raise such plants.
- c) The embankment of the waterbody created by the PP should be maintained.
- d) The PP should ensure proper segregation and installation of organic waste composter at site for the biodegradable waste.
- e) Rainwater harvesting facilities should be developed in accordance with the notification issued by SEIAA vide No. 2495/EN/T-II-1/011/2018 dated 17.12.2019.
- f) The PP should ensure at least 1% of the peak demand load through solar power or as per the Municipal Building By-laws whichever is higher.
- g) Charging points for the E-vehicles should be provided as per stipulations.
- h) All conditions of the Notification by SEIAA vide No. 2495/EN/T-II-1/011/2018 dated 17.12.2019 should be complied with.

Photographs of the site are enclosed along with.





Sd/-

(Prof. (Dr.) Sampa Chakrabarti)
Member, SEAC, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)
Member, SEAC, West Bengal

Sd/-

(Prof. (Dr.) Indranath Sinha)
Member, SEAC, West Bengal

Annexure – 3

Inspection Report

Name & Address of the project	M/s. Ambuja Cements Ltd., Unit – Farakka at Khatian No. 257, 341, 2103, JL No.038, 039, 026, Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal.
Purpose of inspection	The project proponent (PP) has applied for Environmental Clearance for expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM).
Date of inspection	01.04.2023 from 09.00 to 15.00 hrs.
Name of the inspecting official(s)	<ol style="list-style-type: none"> 1. Dr. Ashit Kumar Mukherjee, Chairman, SEAC 2. Dr. Nilangshu Bhusan Basu, Member, SEAC 3. Prof. (Dr.) Pradip Kumar Sikdar, Member, SEAC 4. Prof. (Dr.) Aniruddha Mukhopadhyay, Member, SEAC 5. Prof. (Dr.) Goutam Kumar Saha, Member, SEAC 6. Shri Shubhendu Bandyopadhyay, Member, SEAC <p>The SEAC was assisted by Shri Samit Dutta, Environmental Engineer, West Bengal Pollution Control Board</p>
Person(s) met during inspection	<ol style="list-style-type: none"> 1. Shri Sudipta Mondal, Project Head, Ambuja Cements Ltd. – Farakka 2. Mr. Nawnit Kumar Sharma - Environment Head 3. Mr. Santanu Naskar - HR Head 4. Mr. Partha Sarathi Mondal - CSR Head
Reasons for inspection	The SEAC in its 65 th meeting held on 08.02.2023 decided that, a field verification of the project site has to be conducted for further consideration of the case.

Introduction:

- This is a proposal for expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM).
- Earlier the PP had obtained EC issued by SEIAA vide No. EN/27/T-II-1/074/2009 dated 04.01.2010 for manufacture of 1.25 MTPA Portland Pozzolana Cement.

Salient Features

- Salient features of the proposed project as per the EIA report as uploaded in the PARIVESH portal is given below –

Brief description of the project	Proposed expansion in Cement Production Capacity (1.25 MTPA to 3.0 MTPA) of Existing Stand-alone Grinding Unit with the installation of new Vertical Roller Mill (VRM).
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Project Location	Village – Kendua, PO – Srimantapur, PS – Farakka, Dist – Murshidabad, Pin – 742 212, West Bengal. Site Coordinates: 24°46’23.46”N, 87°52’55.98”E 24°46’38.25”N, 87°53’03.80”E 24°46’32.24”N, 87°53’19.26”E 24°46’45.64”N ,87°53’13.82”E		
Proposed Products & Capacity	Particular	Existing	Subsequent Modification / Addition
	Cement Grinding Mill	1 x 150 TPH	--
	Packing Plant	2 x 240 TPH ;16 spout	--
	Wagon tippler	1400 TPH	--
	Wagon loader machine	11 x120 TPH	--
	Steel cord belt bucket elevator	250-550 TPH (5 nos.)	--
	Truck loader machine	8 x120 TPH	--
	Belt conveyor (Material -clinker, gypsum, cement bags)	41 x 120-1500 TPH (41 nos.)	--
	Screw conveyor (Material - fly ash, cement)	10-52 TPH (7 nos.)	--
	Pneumatic Pump Conveying	45-55 TPH (3 nos.)	--
	Truck tippler (Hydraulic Truck unloaders of 70 MT standing capacity for valvo FH12 340 Trailor tippler, Model - 70T / 55 deg)	2 x 45 TPH	--
	Vertical Roller Mill	--	1 x 260 TPH
	Mechanical systems for clinker unloading, conveying to covered storage	--	1 x 50000 T
	Gypsum, slag unloading, conveying to covered stockpile	--	Gypsum (2 x 4000T) Slag (2 x 4000T)
	Covered shed for Wet flyash, Slag and coal	--	Wet fly ash (12000T) Slag (32500 T) coal (2000 T)
Steel silo for special cement	--	1 x 2000T	

	Rotary packers with connection to existing truck/trailer/ rail loading facility.	--	2 x 240 TPH	
Raw materials	Clinker - 0.74 MTPA Fly ash - 0.53 MTPA Gypsum - 0.079 MTPA Slag - 0.401 MTPA			
Total Plant Area	72.8 Acre (294611.1 sqm.)			
Area breakup		Existing Area (Acre)	Proposed Area (Acre)	
	Cement Plant (including Road)	34	36	
	Green Belt	29	24	
	Built up Area (incl., storage yard, office building, colony etc.)	10	13	
	Total Plant Area	72.8	72.8	
Greenbelt area	97124.6 sqm (above 33%)			
Power Demand	Existing	Proposed	Total	
	8 (MVA)	10 (MVA)	18 (MVA)	
Source: WBSEDCL and existing DG set (For back up).				
Water Demand	Particulars	Requirement for Existing Plant (KLD)	Requirement for Proposed Plant (KLD)	Total (KLD)
	Cement Plant (process & operations)	80	120	200
	Plant (Domestic Drinking)	120	30	150
	Residential Quarters/Colony (Domestic + Drinking)	50	--	50
	Total (Existing + Proposed)	250	150	400
	2.6 KLD water will be available from Rain Water Harvesting (RWH) system. Source: The required water will be sourced from Ground water			
Air pollution control device	Existing Stack No.	Stack Attached to	APC System & Air Volume	
	1	Cement Ball Mill	Individual Bag Filter is attached as APC System. Volume 37562.06 Nm3 /hr	
	1	Packer (Main) Cement packing process	Bag Filter Volume 24485.45 Nm3 /hr	

	1	Wagon Tippler	Bag Filter 91852.56 Nm3 /hr																
	1	1X1250 KVA DG	--																
	Proposed Stack No.	Stack Attached to	APC System & Air Volume																
	1	Cement Mill	Bag Filter Volume 68000 m³/hr																
	2	(2 Nos.) packer	Bag Filter Volume 28000 m³/hr Each																
Solid waste generation	No solid waste is being / will be generated from the cement plant. Dust collected from the APCEs is being / will be totally recycled back into the process. Sludge generated from Soak pit/STP is being/will be used as manure in green belt development / plantation.																		
Manpower	<table><tr><td>Employee</td><td>Employee</td></tr><tr><td colspan="2">Permanent</td></tr><tr><td>Existing:</td><td>360</td></tr><tr><td>Proposed:</td><td>140</td></tr><tr><td>Total</td><td>500</td></tr><tr><td colspan="2">Contractual</td></tr><tr><td>Existing:</td><td>--</td></tr><tr><td>Proposed:</td><td>1000</td></tr></table>			Employee	Employee	Permanent		Existing:	360	Proposed:	140	Total	500	Contractual		Existing:	--	Proposed:	1000
Employee	Employee																		
Permanent																			
Existing:	360																		
Proposed:	140																		
Total	500																		
Contractual																			
Existing:	--																		
Proposed:	1000																		
Total Cost of the project.	Rs. 300 Crores																		

- The PP had obtained Auto-Terms of Reference (TORs) issued by SEIAA, West Bengal on 22.12.2021.
- Public hearing was conducted on 30.06.2022 by WBPCB.
- The PP has received plantation plan approved by DFO vide No. 1726,28-77 dated 01.11.2022.

Observation by SEAC :

- No construction work has been initiated for the expansion project.
- The exclusive tree plantation area was found to be adequate.
- Opacity meter reading for the Cement Mill and Packer Stacks was found to be within the stipulated standard of 30mg/Nm³.
- The PP has installed a continuous ambient air quality monitoring station for PM₁₀ and PM_{2.5} which is being displayed in the digital display board.
- Bag filtration system is present for ball mill, packer, silo vents, wagon tippler and other areas.
- Clinker and fly ash is stored in dedicated silos. Gypsum is stored under covered shed.
- The PP has initiated commendable social outreach programme in terms of need based EMP by –
 - ✓ Construction of check dam and river lift irrigation system on River Kalnai as a part of agricultural extension programme.
 - ✓ Integrated farming methods.
 - ✓ Aqua culture along with goatery with black Bengal goats.
 - ✓ Conversion of single crop land to multiple crop land.
 - ✓ Working with under privileged sections of the society in Kendua Village.

- Good housekeeping was observed.
- Piezometer should be repaired and monthly water level monitoring should be carried out on a regular basis.
- The chemical quality of ground water should be checked regularly with emphasis being on As.
- Earplugs to be used by all personnel in noise generating areas like ball mill.
- All three bore wells should be operated on a regular basis in a staggered manner.

Photographs of the site are enclosed herewith.

Sd/-

(Dr. Ashit Kumar Mukherjee)
Chairman
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Nilangshu Bhusan Basu)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Pradip Kumar)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Goutam Kumar Saha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Photographs taken during the inspection:



Ball Mill Area



Ball Mill Area



STP area



STP area



Wagon tippler



Wagon tippler

**Clinker Silo****Clinker Silo****Flyash Silo****Flyash Silo****Packing Plant Site****Packing Plant Site**



Pump House & piezometer



Pump House & piezometer



Proposed Raw material Shed



Proposed VRM location & Proposed Packing Plant in existing Building

**Green Belt****Green Belt**

Water Harvesting capacity: 91,000 cub. M

Length: 23.2 m.

Height : 1.5 m.

Catchment area: 150 Ha

CSR Initiatives

**CSR Initiatives**



CSR Initiatives

Plant CCR