

**Minutes of the 12<sup>th</sup> meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on August 23, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 12<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 23<sup>rd</sup> August, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Prof. (Dr.) Anirban Gupta	Chairman, SEAC	Present
3)	Prof. (Dr.) Sampa Chakraborty	Member, SEAC	Present
4)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
5)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
6)	Prof. (Dr.) Indranath Sinha	Member, SEAC	Present
7)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
8)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

## **1) TECHNICAL PRESENTATIONS**

### **1.1) For Terms of Reference under Violation Category**

#### **1.1.1) Construction Sector**

- I. **Proposed construction of Basement + Ground Floor + 10 Storied Building for State of the Art, Director General, GSI Office at Plot No. GN-40, Sector – V, Salt Lake, Kolkata. (Violation Category)**

<b>Proposal No.:</b>	<b>SIA/WB/INFRA2/438940/2023</b>
<b>Project Proponent:</b>	<b>Central Public Works Department, On Behalf of Geological Survey of India.</b>
<b>Environmental Consultant:</b>	<b>M/s. Ind Tech House Consult.</b>

***Activity:***

- This is a proposal for construction of construction of B+G+10 Storied Building for State of the Art, Director General, GSI Office over the land of 20232 sqm. Total built-up area of the project 29595.57 sqm. (existing built up area is 21538.39 sqm.).

***Salient Features of the Project:***

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

Plot Area	20232 sqm.
Proposed Built Up Area (Block A)	29595.57 sqm.
Max Height of Building (Upto Terrace)	43.5 M
Max No of Floors	B+G+10 storied

Expected Population (Including Floating and maintenance Staff)	1480 nos.
Existing Built up Area (Block B)	21538.39 sqm.
<b>Areas</b>	
Permissible Ground Coverage Area (40%)	8092.80 sqm.
Proposed Ground Coverage Area (Block-A)	3103.2 sqm. (40%)
Total Ground Coverage (Block-A & B) (34.87 %)	7055.78 sqm.
	Proposed Block-A 3103.2 sqm.
	Proposed Electrical Sub Station Room 410.13 sqm.
	Existing Block-B 3087.67 sqm.
	Existing Electrical Room 454.97 sqm.
Permissible FAR Area (4.0)	80928 sqm.
Proposed FAR Area (Proposed and existing) (2.312)	48976.40 sqm.
Non-FAR Area (Proposed and existing)	2157.56 sqm.
Proposed Total Built Up Area (Proposed and existing)	51133.96 sqm.
<b>Water</b>	
Total Water Requirement	202.7 ~ 203 kLD
Fresh water requirement	159.4~160 kLD
Treated Water Requirement	43.3 kLD
Waste water Generation	56.99 kLD
Proposed Capacity of STP	70 kLD
Treated Water Available for Reuse	51.3 kLD
Discharged in Municipal Sewer	8 kLD
No of RWH of Pits Proposed (for total plot area including the existing building)	10 no.
<b>Parking</b>	
Required Parking (For Block -1 & 2)	461 ECS
Proposed Total Parking (For Block 1 & 2)	469 ECS
Mechanical Parking (In	406 ECS

Open)	
Parking in Basements	63 ECS
<b>Green Area</b>	
Required Open/Green Area (20% of plot area)	4046.40 sqm.
Proposed Open/Green Area (20.03% of plot area)	4052.97 sqm.
No. of plantation	252 nos. (existing trees – 129 nos.) (Trees to be transplanted – 3 nos.)
<b>Waste</b>	
Total Solid Waste Generation	0.957 TPD (Biodegradable 0.45 TPD + Non-biodegradable: 0.40 TPD)
Organic waste	0.45 TPD
Quantity of Hazardous waste Generation	1.5 LPD
Quantity of Sludge Generated from STP	5 kg/day
<b>Energy</b>	
Total Power Requirement for proposed Block-1	1926 kW
DG set backup	2500 kVA
DG sets Proposed	2X1250 kVA
No of DG Sets	2 no.
Proposed Roof Top SPV Power Generation	130 kWp
Existing Building (Block-2) power requirement	750 kVA
Existing Building (Block-2) dg sets capacity	320 kVA
Cost of the project (Rs.)	Rs. 157.90 crores

**Chronology of Events:**

- The Project Proponent (PP) applied in prescribed format for Terms of Reference under violation category for the project and uploaded the application in the PARIVESH portal on 02.08.2023.
- The project site was inspected by WBPCB on 15.05.2023 (report of inspection is enclosed as **ANNEXURE-1**) wherein it was observed that the PP had already initiated their construction activity for the project without having obtained EC.
- The PP was called for the ToR presentation in the 12<sup>th</sup> meeting of SEAC, WB held on 23.08.2023 and the PP presented their proposal in this meeting.

**SEAC Observations and Recommendations:**

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following **observations**:

**Legal / mandatory documents:**

- Notary Affidavit as per the enclosed format given in **Annexure – 2 (to be submitted in original within 15 days)**.

- 2) Damage Assessment Plan.
- 3) Remedial Plan.
- 4) Community Augmentation Plan.
- 5) Total cost of the project as well as gross turn over till the date of submission of EC application to be certified by the Competent Authority.
- 6) Concurrences regarding water supply, treated waste water and storm water discharge, solid waste disposal etc. from the Competent Authority.

**Need-based activities**

- 7) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified.

**Recommendation:** Having taken into account the salient features of the proposed project, the SEAC recommended that **'Terms of Reference under violation category'** may be issued for EIA study of the proposed project. In addition to the standard ToR, the above additional terms / conditions may be made a part of the ToR. Status of the compliance of the conditions stipulated may be furnished along with the application for Environmental Clearance application.

While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. All the documents should be duly signed by the project proponent and the environmental consultant.

**1.2) For Environmental Clearance****1.2.1) Construction Sector**

- II. **Proposed Modification and Expansion of an Under Construction Residential Complex of "Utalika" at Premises No. – 405, Borough – 12, JL No. – 21, Mukundapur, KMC Ward No. – 109, P.S. – Purba Jadavpur, Kolkata – 700099, Dist. – South 24 Parganas, West Bengal.**

**Proposal No.**

**SIA/WB/INFRA2/439277/2023**

**Project Proponent -**

**M/s. Bengal Ambuja Housing Development Ltd.**

**Environmental Consultant -**

**M/s. Centre for Sustainable Development.**

**Activity:**

- This is a proposal for modification and expansion of a residential complex "Utalika". Only tower C is proposed to be modified and expanded vertically. Tower C will be modified from 2B+G+19 storied to G+33 storied block with an additional built-up area of 18,103.451 sq.m and 356 residential flats is proposed. Thus, total built-up area of the project will be 3,19,029.10 sq.m. consisting of 1440 nos. of residential flats, office & retail spaces, guest room and amenities.

Total Project Details:

	As per EC obtained	Proposed Modification & Expansion
Land Area	81682.48 sqm. (as per deed)	75,863.73 sq.m (physical land area available)
Built up Area	3,00,925.649 sq.m	3,19,029.100 sq.m
Ground Coverage	26,233.178 sq.m	26,069.82
Building Profiles	Tower A – G+25 Tower B – G+25 Tower C–2B+G+19 Tower D – G+25 Tower E – G+25 LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G	Tower A – G+25 Tower B – G+25 Tower C – G+33 Tower D – G+25 Tower E – G+25 LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G
No. of Flats	1084	1440

**Salient Features of the Project:**

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

	As per EC obtained vide File No. 2809/EN/T-II- 1/022/2012 dated 18/11/2014	After Proposed Modification & Expansion
Land Area	81682.48 sqm. (as per deed)	75,863.73 sq.m (physical land area available)
Built up Area	3,00,925.649 sq.m	3,19,029.100 sq.m
Ground Coverage	26,233.178 sq.m	26,069.82 sqm.
Building Profiles	Tower A – G+25 Tower B – G+25 Tower C–2B+G+19 Tower D – G+25 Tower E – G+25 LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G	Tower A – G+25 Tower B – G+25 Tower C – G+33 Tower D – G+25 Tower E – G+25 LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G
No. of Flats	1084	1440
Expected Population	HIG = 2695 persons MIG = 615 persons LIG = 2110 persons Office =1014 persons Retail = 917 persons Club, Service, Floating = 2100 persons	Residential = 6989 persons Residential Floating = 699 persons Office Staff = 397 persons Retail Staff = 29 persons Retail Visitor = 259 persons Banquet Hall = 391 persons Conference/ Multipurpose Hall = 356 persons Restaurant = 102 persons Guest Room = 76 persons Total = 9298 persons

	As per EC obtained vide File No. 2809/EN/T-II- 1/022/2012 dated 18/11/2014	After Proposed Modification & Expansion
Total Water Requirement	980 kLD	1113 kLD
Freshwater Requirement	568 kLD (KMC supply)	671 kLD (KMC supply)
Wastewater Generated	840 kLD (to be treated in STP)	804 kLD (to be treated in STP)
Treated Wastewater available from STP	-	788 kLD
Treated Wastewater Recycled	412 kLD	408 kLD
Treated Wastewater Discharged	336 kLD (to Municipal drain)	380 kLD (to KMC)
Solid Waste Generation & Disposal	Generated Quantity - 3.486 TPD Organic Part will be treated in OWC Inorganic Part – KMC Disposal	Generated Quantity – 2.369 TPD Organic Part will be treated in OWC Inorganic Part – KMC Disposal
Internal Road Area	12,417.70 sq.m (15.2% of land area)	12,174.66 sq.m (16.048 % of land area)
Exclusive Tree Plantation Area	16,423.21 sq.m (20.10% of land area)	10,902.786 sq.m (14.371% of land area)
Existing Waterbodies Area	23,008.27 sq.m (28.17% of deed land area)	22,708.50 sq.m (29.933% of land area)
Service Area	-	1045.54 sq.m (1.378 % of land area)
Soft Area	-	-
Open Parking Area	-	362.502 sq.m (0.478 % of land area)
Gift Land Area	-	-
Corner Splay (gifted to KMC)	--	34.988 sq.m. (0.046 % of land area)
Covered Area at Ground Level	--	26,069.820 sq.m. (34.364 % of land area)
Hard Scaped Area	--	2271.54 sq.m. (2.994 % of land area)
Deck Area	--	293.392 sq.m. (0.387 % of land area)
Plantation Proposed	1200 nos. big trees and 716 nos. medium and small trees	757 nos.
No. of Parking Spaces Proposed	1751 (open – 51, covered – 1700)	1843 nos.
Power Requirement	12050 kVA (CESC)	14685 kW (CESC)
Project cost (Rs.)	--	Rs. 333.0 crores. (for expansion and modification project)

***Chronology of Events:***

- The PP had obtained Environmental Clearance for existing phase from SEIAA, West Bengal vide memo no. 2809/EN/T-II-I/022/2012 dated 18.11.2014 for 5 nos. towers of G+25 storied, 1 tower of 2B+G+21, HIG Podium of G+3 storied and LIG podium G having 1088 nos. of flats for residential purpose, 72 nos. office, 72 nos. service apartments retail units, club and other amenities.
- The PP had applied under Terms of Reference for modification and expansion project and change in configuration of existing EC (Proposal No. SIA/WB/NCP/47773/2019).
- The PP had obtained Terms of Reference issued by SEAC, West Bengal vide Memo no. 09-2N-07/2012(E)-PT-I, dated 07.01.2020 and its extension vide Memo no. 18/EN/T-II-I/080/2019 dated 03.01.2023.
- The PP applied for Environmental Clearance in prescribed format by uploading EIA report for the project in the PARIVESH portal on 07.08.2023.
- The PP was called for the EC presentation in the 11<sup>th</sup> meeting of SEAC, WB held on 09.08.2023.
- The PP did not appear before the SEAC for EC presentation. The PP had submitted a letter dated 08.08.2023 that due to unavoidable circumstances they would not be able to present their project before the SEAC and requested for a fresh presentation in the next upcoming SEAC meeting. Therefore, the SEAC decided that the PP may be allowed to present their proposal in the next meeting.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting of SEAC, WB held on 23.08.2023 and the PP present their case in this meeting.

***SEAC Observations and Recommendations:***

- The PP has submitted Certified Compliance Report (CCR) from Sub-Regional Office of MoEF&CC as directed in the Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations:
  - i. Water treatment plant details and sludge management. Details of filter installed in the rainwater harvesting system
  - ii. The status of the need-based activities including financial outlay with respect to the budgetary allocation for this particular expanded portion.
  - iii. Piezometer should be installed to monitor the ground water level and quality.
  - iv. Metering of all inlet/outlet water/wastewater.
  - v. Submission of a cross-sectional drawing showing the connection of a typical recharge pit with the pond.
  - vi. Treated waste water meant for discharge should be used for construction of the proposed expansion.
  - vii. Static water level of the installed tubewells to be reported in the six monthly progress report.
  - viii. Pumping water level after 8 hours of pumping or when the water level reaches steady state condition of the installed tubewells to be reported in the six monthly progress report. Simultaneous pumping of two wells and the resultant drawdown should also be reported in the six monthly progress report.

- ix. Pumping schedule of the wells should also be reported in the six monthly progress report.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

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

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

### 1.2.2) Industry Sector

- I. **Proposed Synthetic Resin Manufacturing Unit of 18000 TPA at Dag no. 322, 323, 324, 325, 339, 340; Vill - Kanchowki, Bishnupur, Dist- 24 Parganas (South), Kolkata-743503, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/IND3/435073/2023</b>
<b>Project Proponent -</b>	<b>M/s. Pacific Plywoods Pvt. Ltd. (Sister Concern of Century Plyboards (I) Ltd.).</b>
<b>Environmental Consultant -</b>	<b>M/s. ABC Techno Labs India Private Limited.</b>

**Activity:**

- This is a proposal for setting up of synthetic resin manufacturing plant. The proposed plant will manufacture following synthetic resins:
  - Phenol Formaldehyde (PF) Resin-12000 TPA
  - Melamine Formaldehyde (MF) Resin-6000 TPA.

The proposed facility will produce 18000 TPA of PF & MF resins.

**Salient Features of the project:**

- Salient features of the project as uploaded by the PP in the PARIVESH portal are as below –

Project Name	Proposed Production of: Phenol Formaldehyde (PF) Resin -12000 TPA, Melamine Formaldehyde (MF) Resin -6000 TPA				
Project Location	Dag no. 322, 323, 324, 325, 339, 340; Vill- Kanchowki, Bishnupur, Dist- 24 Parganas (South), Kolkata-743503, West Bengal.				
Coordinates (Lat-long)	Latitude: 22°25'08.65" N Longitude: 88°16'47.73" E				
Total Plant Area	0.86 Acres (3468 sq.mt)				
Green belt development area					
Area break up		<b>Details</b>	<b>Total area in sqm.</b>	<b>Area as % of total</b>	



	Resin Plant Shed	500	14.4
	Tank Farm area	385.7	11.1
	Internal Road area	816	23.5
	Cooling Tower	50	1.4
	RWH Pond	9	0.3
	Hazardous waste storage area	1	0
	Open space	549.3	15.8
	Green Belt area	1157	33.4
	<b>Total</b>	<b>3468</b>	<b>100</b>
Raw materials required	Products	Quantity (Tons Per Month)	
	Phenol	530	
	Formalin	527	
	Para Formaldehyde	68	
	Sorbitol	30	
	Melamine	195	
	Caustic Soda	3.2	
Raw Water requirement & source	12 KLD Source: Borewells		
Power requirement & source	100 kW Source : WBSEDCL		
DG Set	250 KVA		
Manpower	15 persons		
Total cost of the project (Rs.)	Rs. 4.123 Crore		

**Chronology of the Events:**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 17.07.2020.
- The PP had obtained Terms of References (TORs) issued by SEIAA, West Bengal vide their Memo no. 58/EN/T-II-1/016/2020 dated 17.01.2022.
- Public hearing was conducted on 29.07.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 01.08.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 23.08.2023 and the PP presented their proposal in this meeting.

**SEAC observations and recommendations:**

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations:

**Legal documents**

1. An affidavit in the form of specific declaration to be submitted regarding identification as SMALL UNIT as stipulated in item no. 5(f) of EIA notification, 2006 and S.O. No. 1599(E) dated 25.06.2014.

**Land and Land use**

2. Revised site layout plan showing greenbelt with all the services including access and circulation of the fire tender.

**Process**

3. Revised process flow diagram explicitly explaining the terms heat in/out should be submitted.
4. Fuel for hot water generation should be changed to LSHS.
5. MSDS for all chemicals – raw materials and products, to be submitted.

**Water and wastewater**

6. Analysis of harvested rainwater. Maintenance of the pond and its embankment.
7. Confirmation regarding receipt of soft water from Century plyboard, with analysis of water incoming at the battery limit, should be submitted
8. Revised ETP flow sheet should be submitted with analysis of incoming and treated wastewater. Clarification whether Photo-Fenton technology is actually required. If required, dosing of the Fenton's reagent to show and the power of the UV lamp to be indicated. Analysis of sludge should also be furnished.
9. Metering of all inlet /outlet water/wastewater.

**Hazardous waste**

10. Storage area vis-à-vis storm water management plan should be indicated.

**Need based activities**

11. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified. The activities for this particular project should be mentioned with names and consents of the beneficiaries.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

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

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

- II. **Proposed expansion of production capacity of Single Super Phosphate Plant from 0.132 MTPA to 0.264 MTPA at JL No. 86, Mouza - Dewanmaro Ayma, P.O. - Hariatara, P.S. - Kharagpur (Local), Dist. - Paschim Medinipur, PIN - 721304, West Bengal.**

**Proposal No.:**

**SIA/WB/IND3/404103/2022**

**Project Proponent:**

**M/s. Sai Fertilizers Ltd.**

**Environmental Consultant:**

**M/s. Global Tech Enviro Experts Pvt. Ltd.**

**Activity:**

- This is a proposal for expansion of Single Super Phosphate (SSP) fertilizer Plant from 0.132 MTPA to 0.264 MTPA.

**Salient Features of the Project**

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

Land Area	8.5 ha (21 Acres)		
Greenbelt area	2.80 ha i.e. 33%		
Land Utilization Breakup	<b>Sl. No.</b>	<b>Facilities</b>	<b>Area in ha</b>
	1.	Processing area	1.50
	2.	Raw material storage	0.50
	3.	Switch yard & raw water storage	0.20
	4.	Internal roads & Administrative building	0.60
	5.	Waste storage yard	0.10
	6.	Rain water harvesting pond	1.30
	7.	Vacant space	1.50
	8.	Green belt	2.80
	<b>Total</b>		<b>8.50</b>
Latitude & Longitude	22018'34.09 "N to 22019'34.33"N and 87014'34.11 "E to 87015'39.43 "E		
Project details	expansion of its existing production capacity from 0.132 MTPA to 0.264 MTPA of Single Super Phosphate (SSP) fertilizer		
Plant capacity	Product	Existing capacity in MTPA	Proposed capacity in MTPA
	Single Super Phosphate	0.132	0.132
	Granulated SSP/ NPK Physical Mixture	0.132	Nil
Power requirement and Source	1.0 MW, from WB state power grid		
Water Requirement	80 kL from bore well & Rain water harvesting		
Manpower	Existing 118, total 140 man power		
Project Cost (Rs.)	167 lakhs (expansion project)		

**Chronology of the Events:**

- Presently the project is running on Consent to Establish vide no. 9620-2N-342/2004 dated 09.12.2004 & Consent to Operate vide letter No-9252-1947/WPB(HRO)-K/07 dated 26.04.2022 which is valid up to 31.03.2027.

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 02.07.2020 (Proposal No. SIA/WB/IND2/49987/2020).
- The PP obtained Terms of Reference issued by SEIAA vide File No. EN/T-II-1/014/2020 dated 21.07.2020.
- Public Hearing was conducted on 01.04.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 15.05.2023.
- The PP was called for the EC presentation in the 4<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 21.06.2023 but the PP did not appear before the SEAC for EC presentation.
- The PP had submitted a letter in the PARIVESH portal on 11.08.2023 requesting to SEAC for consideration their proposal in the subsequent SEAC meeting.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 23.08.2023.

**SEAC observations and recommendations:**

- Based on the application made, documents uploaded and the presentation made by the PP/Consultant, the SEAC made the following observations:

**Legal documents**

1. Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 to be submitted.

**Land and land use**

2. Detailed area statement of the project in sqm. and percentage adding upto 100%. Pond should be shown with area fraction.
3. Site plan showing all the services including the rain water harvesting pond.
4. Drawing of sections through the concrete-lined pond to be furnished.

**Green belt and plantation**

5. Approved plantation plan for the project comprising of at least 33% of the plot area.

**Process:**

6. MSDS for all chemicals – raw materials and products, to be submitted.
7. Utilisation plan for Phosphogypsum, Silica Mud and  $H_2SiF_6$  with analysis to ensure no toxicity.

**Solid waste**

1. Detailed plan on management and handling of tar sludge along with other phenolics and bottom ash from gasifier.

**Air-pollution**

2. Measures adopted for containing Fluoride emission within 20 mg/Nm<sup>3</sup>.
3. To ensure closed scrubber area.

**Water and wastewater**

4. Permission from the Competent Authority for ground water abstraction for 80 kLD.
5. Treatment of fluosilicic acid in scrubbing water.
6. Calculation for the capacity of RWH tank.

7. Piezometer to be installed to monitor level and quality of ground water.
8. Flow diagram for the ETP showing all unit operations, with analysis of ETP-inlet / outlet water.
9. Analysis and monitoring of the water quality of the RWH pond.
10. Metering of inlet and outlet water at all points.

#### **Need-based activities**

11. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

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

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

### **1.2.3) Mining of Minerals:**

- I. **Proposed Madan Sand Mine (MIN\_DJ\_15) over an area of 2.12 ha (5.24 Acres) on the Mechi River at J. L. No. – 1, Plot No. 1(p), Mouza – Madan, Village – Madan, Block & PS – Khoribari, District – Darjeeling, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/439221/2023</b>
<b>Project Proponent -</b>	<b>M/s. West Bengal Mineral Development &amp; Trading Corporation Limited.</b>
<b>Environmental Consultant -</b>	<b>M/s. Crystal Consultants</b>

#### **Activity:**

- This is a proposal for Madan Sand Mine (MIN\_DJ\_15) over an area of 2.12 ha (5.24 Acres) on the Mechi River at J. L. No. – 1, Plot No. 1(p), Mouza – Madan, Village – Madan, Block & PS – Khoribari, District – Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- 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 13.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	42,400	100	42,200

2	42,400	78	33,072
3	42,400	78	33,072
4	42,400	78	33,072
5	42,400	78	33,072
Total geological resource			<b>1,74,688</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	30,684	100	30,684	30,684
2	30,684	78	23,933.52	23,933.52
3	30,684	78	23,933.52	23,933.52
4	30,684	78	23,933.52	23,933.52
5	30,684	78	23,933.52	23,933.52
Total Mineable reserve			<b>1,26,418.08</b>	<b>1,26,418.08</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 04.08.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023 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 entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling 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. Following additional conditions may be imposed:

- a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
- b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
- c) Status of the need-based activities to be reported during six monthly progress report.
- d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
- e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**II. Proposed Nimai Sand Mine (MIN\_DJ\_7) over an area of 4.97 ha (12.28 Acres) on the Balason River at J. L. No. – 57, Plot No. 495, 719, 720, 723, 724 & 725, Mouza – Nimai, Village – Nimai, PS & Block – Matigara, District – Darjeeling, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/438868/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Crystal Consultants**

**Activity:**

- This is a proposal for Nimai Sand Mine (MIN\_DJ\_7) over an area of 4.97 ha (12.28 Acres) on the Balason River at J. L. No. – 57, Plot No. 495, 719, 720, 723, 724 & 725, Mouza – Nimai, Village – Nimai, PS & Block – Matigara, District – Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- 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 13.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	1,49,100	100	1,49,100
2	1,49,100	76.67	1,41,314.97
3	1,49,100	76.67	1,41,314.97
4	1,49,100	76.67	1,41,314.97
5	1,49,100	76.67	1,41,314.97
Total geological resource			<b>6,06,359.88</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	1,23,110	100	1,23,110	1,23,110
2	1,23,110	76.67	94,388.437	94,388.437
3	1,23,110	76.67	94,388.437	94,388.437
4	1,23,110	76.67	94,388.437	94,388.437
5	1,23,110	76.67	94,388.437	94,388.437
Total Mineable reserve			<b>500,663.748</b>	<b>1,26,418.08</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 01.08.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023.

#### **SEAC Observations and Recommendations:**

- The SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district.
- The PP did not appear before the SEAC for EC presentation. The PP had submitted through email dated 23.08.2023 that they are verifying the details of the block and therefore would not be available for the presentation. The SEAC decided that the project proposal should be verified by the proponent as requested and then submitted for appraisal. The PP may be allowed to present its case in a subsequent meeting along with the NABET accredited consultant engaged by it.

- III. **Proposed Farabari Sand Mine (MIN\_DJ\_17) over an area of 1.69 ha (4.18 Acres) on the Chenga River at J. L. No. – 57, Plot No. 495, 719, J. L. No. – 43, Plot No. 46(p), Mouza – Farabari, Village – Farabari, Block & PS – Phansidewa, District – Darjeeling, West Bengal.**



**Proposal No.****SIA/WB/MIN/438816/2023****Project Proponent -****M/s. West Bengal Mineral Development & Trading Corporation Limited.****Environmental Consultant -****M/s. Crystal Consultants****Activity:**

- This is a proposal for Farabari Sand Mine (MIN\_DJ\_17) over an area of 1.69 ha (4.18 Acres) on the Chenga River at J. L. No. – 57, Plot No. 495, 719, J. L. No. – 43, Plot No. 46(p), Mouza – Farabari, Village – Farabari, Block & PS – Phansidewa, District – Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- 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 13.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	37,180	100	37,180
2	37,180	78	29,000.40
3	37,180	78	29,000.40
4	37,180	78	29,000.40
5	37,180	78	29,000.40
Total geological resource			<b>1,53,181.60</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	26,613	100	26,613	26,613
2	26,613	78	20,758.14	20,758.14
3	26,613	78	20,758.14	20,758.14
4	26,613	78	20,758.14	20,758.14
5	26,613	78	20,758.14	20,758.14
Total Mineable reserve			<b>1,09,645.56</b>	<b>1,09,645.56</b>

- The PP has uploaded pre-feasibility report for the proposed project.

- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 01.08.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023 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 entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling 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. Following additional conditions may be imposed:
  - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
  - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  - c) Status of the need-based activities to be reported during six monthly progress report.
  - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
  - e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

#### **IV. Proposed Moulpur Sand Mine (MIN\_MD\_08) over an area of 1.40 ha (3.46 Acres) on the Mahananda River at J. L. No. – 103, Plot No. 382 (p), Mouza – Moulpur, Village – Moulpur, Block – Old Malda, PS – Malda, District – Malda, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/438633/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Crystal Consultants**

**Activity:**

- This is a proposal for Moulpur Sand Mine (MIN\_MD\_08) over an area of 1.40 ha (3.46 Acres) on the Mahananda River at J. L. No. – 103, Plot No. 382 (p), Mouza – Moulpur, Village – Moulpur, Block – Old Malda, PS – Malda, District – Malda, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- 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 17.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of area (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	42,000	100	42,000
2	42,000	73.50	30,870
3	42,000	73.50	30,870
4	42,000	73.50	30,870
5	42,000	73.50	30,870
Total geological resource			<b>1,65,480</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	29,520	100	29,520	29,520
2	29,520	73.50	21,697.20	21,697.20
3	29,520	73.50	21,697.20	21,697.20
4	29,520	73.50	21,697.20	21,697.20
5	29,520	73.50	21,697.20	21,697.20
Total Mineable reserve			<b>1,16,308.80</b>	<b>1,16,308.80</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 31.07.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023 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 entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Malda 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. Following additional conditions may be imposed:
  - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
  - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  - c) Status of the need-based activities to be reported during six monthly progress report.
  - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
  - e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

- V. **Proposed Hossainpur Sand Mine (MIN\_MD\_07) over an area of 2.38 Hectare (5.88 Acres) on the Nagri River at J. L. No. – 192, Plot No. 1 (p), Mouza – Hossainpur, Village – Hossainpur, Block – Chanchal - II, Police Station – Chanchal, District – Malda, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/438604/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Crystal Consultants**

**Activity:**

- This is a proposal for Hossainpur Sand Mine (MIN\_MD\_07) over an area of 2.38 Hectare (5.88 Acres) on the Nagri River at J. L. No. – 192, Plot No. 1 (p), Mouza –

Hossainpur, Village – Hossainpur, Block – Chanchal - II, Police Station – Chanchal, District – Malda, West Bengal.

- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- 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 17.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of area (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	52,360	100	52,360
2	52,360	69.67	36,479.212
3	52,360	69.67	36,479.212
4	52,360	69.67	36,479.212
5	52,360	69.67	36,479.212
Total geological resource			<b>1,98,276.848</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	37,524	100	37,524	37,524
2	37,524	69.67	26,142.9708	26,142.9708
3	37,524	69.67	26,142.9708	26,142.9708
4	37,524	69.67	26,142.9708	26,142.9708
5	37,524	69.67	26,142.9708	26,142.9708
Total Mineable reserve			<b>1,42,095.8832</b>	<b>1,42,095.8832</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.07.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023 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 entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Malda 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. Following additional conditions may be imposed:
  - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
  - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  - c) Status of the need-based activities to be reported during six monthly progress report.
  - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
  - e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**VI. Proposed Gangarampur Sand Mine (MIN\_DD\_24) over an area of 3.36 ha (8.30 Acres) on Punarbhava River at J. L. No. – 118 & 34, Plot No. 1546, 1547, 1548 & 242, Mouza – Mahurkishmat & Khayerbon, Village – Mahurkishmat & Khayerbon, Block & Police Station – Gangarampur, District – Dakshin Dinajpur, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/438578/2023</b>
<b>Project Proponent -</b>	<b>M/s. West Bengal Mineral Development &amp; Trading Corporation Limited.</b>
<b>Environmental Consultant -</b>	<b>M/s. Crystal Consultants</b>

**Activity:**

- This is a proposal for Gangarampur Sand Mine (MIN\_DD\_24) over an area of 3.36 ha (8.30 Acres) on Punarbhava River at J. L. No. – 118 & 34, Plot No. 1546, 1547, 1548 & 242, Mouza – Mahurkishmat & Khayerbon, Village – Mahurkishmat & Khayerbon, Block & Police Station – Gangarampur, District – Dakshin Dinajpur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.

- 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 11.05.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of area (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	67,200	100	67,200
2	67,200	74.53	50,084.16
3	67,200	74.53	50,084.16
4	67,200	74.53	50,084.16
5	67,200	74.53	50,084.16
Total geological resource			<b>2,67,536.64</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5 m Berm after maintaining 45° slope(cu.m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
1	54,164	100	54,164	54,164
2	54,164	74.53	40,368.4292	40,368.4292
3	54,164	74.53	40,368.4292	40,368.4292
4	54,164	74.53	40,368.4292	40,368.4292
5	54,164	74.53	40,368.4292	40,368.4292
Total Mineable reserve			<b>2,15,637.717</b>	<b>2,15,637.717</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- 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 Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 29.07.2023.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023 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 entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Dakshin Dinajpur 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. Following additional conditions may be imposed:
  - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
  - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
  - c) Status of the need-based activities to be reported during six monthly progress report.
  - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
  - e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**2) Reconsideration Proposals :-****2.1) Environmental Clearance :****2.1.1) Construction Sector :**

- I. **Proposed Residential Complex R.S. Plot No. 299, 301, 303, 305, 335, 336, 439, 440, L.R. Plot No. – 720, 759, 801, 806, 808, 810, 811, 819, R.S. Khatian No. 260, L.R. Khatian No. 807, J.L. No. 86, Mouza – Ujanu, Pargana – Baikunthapur, P.S. – Matigara, Dist. - Darjeeling – 734010, West Bengal.**

**Proposal No.****SIA/WB/INFRA2/408644/2022****Project Proponent -****M/s. EM Square Homes Pvt. Ltd.****Environmental Consultant -****M/s. Centre for Sustainable Development****Activity:**

- This is a proposal for 3 Residential towers - G+18 storied Combined common basement below all the towers with total Built-up Area of the project is 63,763.60 sq.m. Total Land area of the project is 14,528.227 sqm. Total no. of flats 268.

**Salient Features**

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

Total land area	14,528.227 sq.m.
No. of stories	3 Residential towers - G+18 storied Combined



	common basement below all the towers.
Block usage	Towers – 3 nos. – Residential with few retail spaces
No. of Flats	268 flats (Retail shops – 3 nos.)
Total Population	Residents - 1,714 persons Residential Floating - 172 persons Service staff - 80 persons Retail Employee - 3 persons Retail Visitors - 29 persons <b>Total - 1,998 persons</b>
Total water requirement during operation stage	265 kLD
Fresh Water requirement	160 kLD
Wastewater Generation	191 kLD
Treated Wastewater Generated	187 kLD
Treated Wastewater Recycled	99 kLD
Treated Wastewater Discharge	88 kLD
Roof Top Rainwater Reused	6 kLD
Total Solid Waste disposal	0.541 tonnes/day
<b>Total Built-up area</b>	<b>63,763.60 sq.m.</b>
Proposed ground coverage	3755.84 sq.m. (26.00% of Land Area)
Tree plantation area	2993.09 sq.m. (20.60% of Land Area)
Other green area	140.51 sq.m. (0.97% of Land Area)
Green Area on Basement	707.74 sq.m. (4.87% of Land Area)
Internal Road Area	2990.32 sq.m. (20.58% of Land Area)
Semi Paved Grass Pavers	909.82 sq.m. (6.26% of Land Area)
Paved Area on Basement	2242.617 sq.m. (15.44% of Land Area)
Semi Paved Area on Basement	135.21 sq.m. (0.93%)
Shaft Area	157.81 sq.m (1.09% of Land Area)
Swimming Pool	194.62 sq.m. (1.34% of Land Area)
Service Area	273.24 sq.m. (1.88% of Land Area)
Gate	27.41 sq.m. (0.19% of Land Area)
Electricity Load	2,063 kW by WBSEDCL
D.G. Sets for Back Up power	1 no. of 750 kVA
Car Parking Provided	303 nos. car (Surface car park - 75, Covered car park in basement – 228)
Total no. of trees	189 nos.
Total project cost (Rs.)	Rs. 189.67 Crores.

#### ***Chronology of the event:***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 10.03.2023.
- The PP was called for the EC presentation in the 64<sup>th</sup> SEAC meeting held on 01.02.2023 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 :-
  - 1) The sanction plan uploaded by the PP has not been prepared according to the SEIAA Notification vide no. 2495/EN/T-II-1/011/2018 dated 17.12.2019. Necessary rectifications should be incorporated.

- 2) The green space shown in the sanction plan is 3024.09 sqm. while the tree plantation area mentioned in the DFO approved plantation plan is 2993.09 sqm. Necessary clarification should be provided.
- 3) In the sanction plan it is observed that stream / nullah is passing through the project site and falls within the property land of the project. However, the area statement shown in the presentation does not mention about the stream. Necessary clarification should be provided.
- 4) Distance of the project from Eco Sensitive Zone of Mahananda WLS certified by the competent authority should be submitted.
- 5) Chain Deed showing transfer of ownership of the plot to the PP.
- 6) Building permit.
- 7) Groundwater abstraction permission for the entire quantity of fresh water requirement.
- 8) Superimposed mouza map showing all the plots within the project boundary.
- 9) It is mentioned in the Form-I that the connected load is 3450 kW. However, the DPR mentions that the electrical load is 2,063 KW. Reasons to be provided.
- 10) Provide High Rise Building related following environmental documents as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
  - a) Microclimate (sunshine & shadow analysis and its effect on energy consumption)
  - b) Air circulation (effect on natural ventilation and wind speed).
  - c) Day lighting (how dependence on artificial lighting during daytime is affected).
- 11) Commitment from the competent authority regarding disposal of solid waste.
- 12) Detailed subsurface hydro-geological study of the area including groundwater quality and the impact of the basement on the local groundwater regime should be submitted.
- 13) Composter should be located outside the basement. Plan to be submitted.
- 14) Revised EMP as per Office Memorandum of MoEF& CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted.
- 15) Water meter with totaliser to be provided at the freshwater inlet, and also recycle and discharge lines of wastewater. Water quality should also be analysed at the mentioned points. Detailed plan in this regard to be submitted.
- 16) A permanent piezometer should be installed and monitoring data of the water level should be provided with the compliance report.
- 17) 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.
  - f) Ambient noise quality monitoring station.
  - a) Display board for display of all the environmental parameters and beneficiaries of the social part of EMP.
  - g) Treatment plan for the swimming pool water.

Plan in this regard to be submitted.

- 18) Charging facility for e-vehicles should be provided. Plan in this regard to be submitted.
  - 19) 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.
- The project proponent uploaded their reply in PARIVESH Portal on 17.08.2023, which was considered in the 12<sup>th</sup> meeting SEAC, WB (2023-2026) held on 23.08.2023.

#### **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 Environmental Clearance** for the proposed project.

## **II. Proposed expansion cum modification of Residential Complex 'URVAN' (earlier 'MPL Housing') at Holding No. 147(new), 605 (old), R. N. Guha Road, CS Dag. No. 1509, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1516/1615, 1521, 1522 and 1523, C.S. Khaitan No. – 481, 513, 173/1, 173, J.L. No. – 18, Mouza – Digla, South Dumdum Municipality Ward No. 09, PS – Dumdum, Kolkata – 700 028, Dist – 24 Parganas (North).**

**Proposal No.**

**SIA/WB/MIS/187248/2020**

**Project Proponent -**

**M/s. Merlin Projects Limited.**

**Environmental Consultant -**

**M/s. UltraTech.**

#### **Activity:**

- This is a proposal for EC for expansion cum modification of Residential Complex comprising of Tower 1, 2, 3 & 4 – each 2B+G+13 storied building. Total Land Area = 12787.81 sqm – as per deed & 12583.44 sqm – as per measurement, Total Built-up area = 50128.68 sqm. (existing 49157.968 sqm.).
- The project proponent had already obtained EC from SEIAA vide No. EN/1657/T-II-1/108/2010 dated 27.06.2014 for built up area 35489.135 sqm. and No. 1806/EN/T-II-1/020/2018 dated 06.09.2019 for total built up area 49157.968 sqm.

#### **Salient Features**

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

	<b>As per Final EC vide Memo No. 1806/EN/T-II-1/020/2018 dated 06.09.2019</b>	<b>As per Sanction Plan</b>
Land area (as per deed)	12787.81 sqm	12787.81 sqm
Land area (as per measurement)	12583.44 sqm	12583.44 sqm
Nos. of flats	312 nos.	363 nos.
Block Details	Tower 1, 2, 3, 4 - 2B+G+13	Tower 1, 2, 3, 4 - 2B+G+13

	As per Final EC vide Memo No. 1806/EN/T-II- 1/020/2018 dated 06.09.2019	As per Sanction Plan
Expected Population	2466 persons (Per. - 1898 persons, Tem. - 568 persons)	2461 persons (Permanent - 2099 persons, Temporary - 362 persons)
Total Water requirement	330 KLD	275 KLD
Fresh Water requirement	201 KLD (South Dum Dum Municipality)	201 KLD
Wastewater generated	236 KLD (to be treated in STP)	208 KLD
Treated Wastewater recycled	129 KLD (to be reused after treatment in STP)	74 KLD
Treated Wastewater discharged	107 KLD (to be discharged to municipal drain after treatment in STP)	134 KLD
Solid Waste disposal	1.09 TPD	1.01 TPD
<b>Total Built-up area</b>	<b>49157.968 sqm</b>	<b>49539.235 sqm</b>
Ground Coverage Area	2927.68 sqm (23.27% of land area)	3167.22 sqm (25.17% of land area)
Total Paved Area	2706.36 sqm (21.51% of land area)	2774.33 sqm (22.05% of land area)
Total Green Area	2363.60 sqm (18.78% of land area)	2367.27 sqm (18.81% of land area)
Exclusive Tree Plantation Area	2057.47 sqm (20.02% of net land area and 16.35% of land area)	2103.80 sqm (20.47% of net land area and 16.72% of total land area)
Service Area (Beyond Basement)	525.20 sqm (4.17% of land area)	337.35 sqm (2.68% of land area)
Basement	1753.81 sqm (13.94% of land area)	1630.48 sqm (12.96% of land area)
Existing Water Body	Two nos. of total area 2306.80 sqm (18.33% of land area)	Two nos. of total area 2306.80 sqm (18.33% of land area)
Total No. of Trees provided	Existing - 142, (To be felled - 54, Retained - 88) Compensatory plantation - 270 nos., Mandatory plantation - 200 nos. Total no. trees = 270+200+88 = 558 nos.	Existing - 142, (To be felled - 54, Retained - 88) Compensatory plantation - 270 nos., Mandatory plantation - 148 nos. Total trees to be planted - 506 nos.
Nos. of Parking spaces proposed	322 nos.[Basement Parking - 226 nos., Ground Floor (Covered) - 42 nos., Open Parking - 54 nos.]	375 nos. (Basement - 222 nos., Ground floor - 153 nos.)
Solar Street lights proposed	29 nos.	29 nos.
Total Power requirement	3400 KVA, CESC. At least 1% of total demand load to be met from solar power source.	3400 KVA, CESC
Backup Power	DG Sets (2 x 500 KVA)	DG Sets (2x500 KVA)
Project cost	Rs. 130.05 Crores	Rs. 135.92 Crores

***Chronology of the event:***

- The project proponent (PP) applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 26.02.2021.
- The PP was called for the EC presentation in the 18<sup>th</sup> SEAC meeting held on 28.07.2021 and the PP presented their proposal in this meeting.
- Based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration: -
  - 1) The EMP may be so modified as to comply with the provisions of the MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020 should be modified and to be resubmitted. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered.
  - 2) Photograph of the existing waterbody to be submitted. Plan for maintenance of existing water body and an undertaking in this respect to be submitted.
  - 3) RWH recharge structure to be provided. Quality of recharge water should be ensured. Please mention whether any plan for rooftop garden.
  - 4) Necessary agreement with the electricity authority to be made for grid connection of solar power.
  - 5) Detailed calculation of rooftop rainwater harvesting to be submitted.
  - 6) Clarification on increase of total built up area in the present proposal without any change in building profile as mentioned in previous environmental clearance.
  - 7) The PP envisages shallow recharging of groundwater through the two water bodies. Therefore, the PP should provide the details of sub-surface lithology to understand whether recharging is possible through the water bodies.
- The PP uploaded their reply in PARIVESH Portal on 24.01.2023, which was considered in the 64<sup>th</sup> meeting held on 01.02.2023.
- The SEAC scrutinized the documents submitted by the project proponent in the meeting and after careful consideration the committee recommended that the 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 should be uploaded in the PARIVESH portal by the project proponent for further consideration.
- The project proponent uploaded their reply in PARIVESH Portal on 17.08.2023, which was considered in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023.

***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 Environmental Clearance** for the proposed project.

**2.1.2) Industry Sector :**

- I. **Proposed expansion of polymer grade product at Plot No. F2/1, Vidyasagar Industrial Park, Mouza – Japhala, J.L. No. – 230, Kharagpur, Dist – West Medinipur, West Bengal.**

**Proposal No.** SIA/WB/IND3/69003/2021  
**Project Proponent -** M/s. Sika India Pvt. Ltd.  
**Environmental Consultant -** M/s. ERM India Pvt. Ltd.

**Activity:**

- This is a proposal for an expansion of polymer grade products.

**Salient Features**

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

Features	Details	
	Concrete Admixture and Power Products unit	Proposed PCE Unit
Project	Expansion of polymer grade products.	
Location	Vidyasagar Industrial Park, Paschim Medinipur district, West Bengal.	
Capacity	1,40,000 MT/Annum	25,000 MT/Annum
Total land	20370.28 sqm. (approx. 5 acres) industrial land	
Land for PCE unit	337.81 sqm. within the existing site / industrial shed	
Greenbelt	<b>2198.33 sqm. (11% of the total plant area) approved by DFO, Kharagpur division (vide letter no. 987(1)13-38(A)2022 dated 08.07.2022)</b>	
Power	<ul style="list-style-type: none"> <li>Demand load – 800 KW</li> <li>Connected load – 1000 KW</li> <li>Back up DG set – 250 KVA</li> </ul>	<ul style="list-style-type: none"> <li>Demand load – 300 KW</li> <li>Back up DG set – 250 KVA</li> </ul>
Source of power	WBIDC	
Water	125 KLD (Industrial – 115 KLD, Domestic – 5 KLD, Gardening – 5 KLD)	13 KLD (Industrial)
Source of water	Ground water, SWID permission taken for 125 KLD	
Fuel	2 KL	
Storage facility	2 KL	
Source of fuel	Nearby Petrol Pump	
Manpower	75 persons	No additional manpower required
Waste water	<ul style="list-style-type: none"> <li>Effluent – 3.1 KLD (effluent will be treated through the ETP of capacity 5 KLD)</li> <li>Sewage – 4.0 KLD (sewage will be treated through the STP of capacity 5 KLD)</li> </ul>	No effluent generate from the process
Recycle of waste water	Treated water will be utilized in plantation	
Air emission	<ul style="list-style-type: none"> <li>Powder plant</li> <li>Powder plant sand dryer unit</li> </ul>	<ul style="list-style-type: none"> <li>Batch blender</li> <li>Backup DG set</li> </ul>

Features	Details	
	Concrete Admixture and Power Products unit	Proposed PCE Unit
	<ul style="list-style-type: none"> <li>Admixture plant</li> <li>Backup DG set</li> </ul>	
Emission control measures	All stacks will be provided with appropriate air pollution control system (Dust collector/ cyclone separator/wet scrubber)	
Hazardous waste	--	130 MT per annum hazardous waste will be handled and disposed as per the HMC Rule. 2016
Project cost	Rs.70 crores	Rs.7.5 crores

#### ***Chronology of the event:***

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 26.11.2021.
- SEIAA issued Auto ToR for the project on 22.12.2021.
- The PP applied in prescribed format for Environmental Clearance and uploaded the EIA report in the PARIVESH portal on 23.07.2022.
- The matter was taken up by the SEAC in its 49<sup>th</sup> meeting held on 24.08.2022 where the PP presented their case.
- Based on the submission and presentation made by the project proponent, the committee noted that the PP had applied under 'expansion' category though they do not have EC for the concrete admixture plant. Therefore, the EIA report should have been prepared taking into consideration both the concrete admixture products and powder products plant along with the proposed Polycarboxylate Ether Plant, the product of which will serve as a raw material for the concrete admixture plant. The SEAC recommended that the following submission / clarifications should be uploaded in the "PARIVESH" portal by the PP for further consideration -
  - 1) Ground water permission from the competent authority for the total water required.
  - 2) Salient features of the project (both admixture and PCE) in a tabular form. Water, power, etc should be indicated for the whole plant, not only for PCE unit.
  - 3) DFO approved plantation plan for at least 33% of total project land area.
  - 4) Complete Area Statement along with percentage of the total land area adding upto 100%.
  - 5) Detailed flow diagram of the ETP including chemical, biological and tertiary treatment. Since acrylic acid, acrylates and some other chemicals are not biodegradable, adequacy of bio aeration process should be technically justified. If not found adequate, the process should be appended with some suitable process. ETP inlet and outlet water should be analysed regularly.
  - 6) Flow sheet showing the entire process (for both the processes) from raw material to the finished products.
  - 7) Storage area for the hazardous waste should be demarcated and care should be taken so that wash water from this area does not mix or spread.
  - 8) Measures taken for rainwater harvesting.

- 9) Measures taken for control of emission including volatile organics. Chemical scrubbing may also be necessary.
- 10) EMP should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered. Needs of the locals should be identified and no social component of the EMP should overlap with the mandatory requirements. Year-wise break-up is required.
- 11) A display board should be provided showing environmental parameters and beneficiary of the social part of the EMP.
- 12) Sl. No. 5 of the application form should be corrected.
- 13) Detailed report to be submitted regarding treatment of raw water. In all points, water meter with totalizer should be provided.
- 14) Height of ambient air quality monitoring stations.
- 15) Status of the present construction of the project along with the compliance of the conditions of the Consent to Establish issued by WBPCB vide Memo No. 63-ni-nc-0/19/0489 dated 18.09.2019.
- 16) Wildlife conservation plan should be made and authenticated from competent authority.

The PP is 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 PP uploaded their reply in PARIVESH Portal on 29.11.2022, which was considered in the 58<sup>th</sup> meeting held on 14.12.2022.
- The SEAC scrutinized the documents submitted by the project proponent in the 58<sup>th</sup> meeting and after careful consideration of the reply, the committee observed that the project proponent has not submitted any satisfactory documents/reply/clarifications. It was decided that the project proponent should submit proper documents providing at least 33% of the land area with the project as greenbelt.
- The PP had submitted reply on 13.03.2023 in PARIVESH Portal, which was considered by the SEAC in its 71<sup>st</sup> meeting held on 22.03.2023.
- The SEAC scrutinized the documents submitted by the project proponent in the 71<sup>st</sup> meeting and after careful consideration of the reply, the committee observed that the land need for required plantation is not available. Hence the committee recommended that a constructive and conclusive plantation plan to be submitted.
- The project proponent uploaded their reply in PARIVESH Portal on 13.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.
- Based on the submission made by the PP, the SEAC observed that the PP has not submitted the DFO approved plantation plan drawing in a suitable scale. Hence, the PP



is requested to submit the above-mentioned drawing. The site location of plantation with respect to project area should be submitted.

- The project proponent uploaded their reply in PARIVESH Portal on 16.08.2023, which was considered in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the committee made the following observations:

- 1) The PP shall submit 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.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

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

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

### 2.1.3) Mining of Minerals :

- I. **Proposed River Bed Sand Mining over an area of 2.00 ha (4.94 Acres) on the Torsa River at JL. No. – 246, Plot No.- 01, Mouza – Ghoramara, P.S. - Kotowali, District - Coochbehar, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/415405/2023</b>
<b>Project Proponent -</b>	<b>Saminur Rahaman.</b>
<b>Environmental Consultant -</b>	<b>M/s. Ultra-Tech.</b>

**Activities:**

- This is a proposal for riverbed sand mining over an area of 2.00 ha (4.94 Acres) on the Torsa River at JL. No. – 246, Plot No.- 01, Mouza – Ghoramara, P.S. - Kotowali, District - Coochbehar, West Bengal.
- It is mentioned in the Project feasibility report that the total mineable sand reserve of 44625 Cum and geological reserve of 50000 Cum.
- The **PP has not uploaded approved Mining Plan with Progressive Mine Closure Plan** from the competent authority.
- 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 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 23.01.2023.
- The PP was called for the EC presentation in the 69<sup>th</sup> SEAC meeting held on 11.03.2023 and the PP presented their proposal in this meeting.
- Based on the presentation made by the PP, the committee observed that the cardinal geo-coordinates of the proposed project area (as reported in the approved Mining cum Progressive Mine Closure Plan), when plotted, showed that the area **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Coochbehar district. Having also considered the other relevant features of the proposed project, the SEAC recommended that the following submissions/ clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration:-
  - 1) Approved Mining Plan with Progressive Mine Closure Plan from the competent authority.
  - 2) Cluster certificate from the competent authority should be submitted.
  - 3) Taking into consideration the replenishment rates reported in the approved DSR for Coochbehar, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
  - 4) 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.
  - 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 6) 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.
  - 7) 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.
  - 8) 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 project proponent uploaded their reply in PARIVESH Portal on 13.06.2023, which was considered in the 5<sup>th</sup> meeting SEAC, WB (2023-2026) held on 28.06.2023.
- **The sand block does not form a cluster with any adjacent sand block.**
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the reply submitted by the PP regarding mismatch of mineral reserves, as per DSR and approved Mine Plan should be certified by the Competent Authority.
- The project proponent uploaded their reply in PARIVESH Portal on 11.08.2023, which was considered in the 12<sup>th</sup> meeting SEAC, WB held on 23.08.2023.

***SEAC observations and recommendations:***

- Based on the submission made by the PP, the SEAC observed that the Mining Plan with Progressive Mine Closure Plan uploaded by the PP in the PARIVESH portal shows multiple corrections by hand in respect to the location of the plot – Mouza, JL No. and Plot No. The above mentioned corrections do not match with the Lol issued by the Competent Authority. Necessary clarification in this regard should be submitted.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

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

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

### **3) Miscellaneous :-**

#### **I. Discussions on interim replenishment study for the districts of West Bengal.**

- M/s. WBMDTCL had requested SEAC to review the interim replenishment study for sand mining in different districts of West Bengal conducted by their consultants.
- The matter was considered in the 12<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 23.08.2023. M/s. WBMDTCL and their consultants namely M/s. RSP Green Dev. & Laboratories Pvt. Ltd. and M/s. United Exploration India Pvt. Ltd. presented the interim replenishment study report for the following districts of West Bengal :

1) Jhargram

2) Birbhum

3) Darjeeling

4) Paschim Bardhaman

5) Purulia

by RSP Green Dev. & Laboratories Pvt. Ltd.

6) Malda

by M/s. United Exploration India Pvt. Ltd.

- The SEAC during appraisal considered the relevant provisions of Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for

Sand Mining, 2020 along with directives of Hon'ble National Green Tribunal in O.A. No. 40/2020/EZ with O.A. No. 57/2020/EZ dated 14.10.2020 and Hon'ble Supreme Court Civil Appeal No. 3661-3662 of 2020 dated 10.11.2021. Accordingly, SEAC appraised the replenishment study and observed that the study was not done as per the above-mentioned guidelines and directives. Hence, the SEAC requested the consultants to revise their report accordingly.

**Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the twelfth meeting held on 23.08.2023 and the Summary Decisions thereof:**

Sl. No.	Name of the unit and Project address	Summary Decision
1. Cases for Technical Presentation		
1.1) Terms of Reference (Violation category)		
1.1.1) Construction Sector		
I.	Central Public Works Department, On Behalf of Geological Survey of India. Proposed construction of Basement + Ground Floor + 10 Storied Building for State of the Art, Director General, GSI Office at Plot No. GN-40, Sector – V, Salt Lake, Kolkata. (Violation Category). (Proposal No.: SIA/WB/INFRA2/438940/2023)	Recommended for Terms of Reference under violation category.
1.2) Environmental Clearance		
1.2.1) Construction Sector		
II.	M/s. Bengal Ambuja Housing Development Ltd. Proposed Modification and Expansion of an Under Construction Residential Complex of "Utalika" at Premises No. – 405, Borough – 12, JL No. – 21, Mukundapur, KMC Ward No. – 109, P.S. – Purba Jadavpur, Kolkata – 700099, Dist. – South 24 Pargans, West Bengal. (Proposal No.: SIA/WB/INFRA2/439277/2023)	Additional Details Sought
1.2.2) Industry Sector		
I.	M/s. Pacific Plywoods Pvt. Ltd. (Sister Concern of Century Plyboards (I) Ltd.). Proposed Synthetic Resin Manufacturing Unit of 18000 TPA at Dag no. 322, 323, 324, 325, 339, 340; Vill - Kanchowki, Bishnupur, Dist- 24 Parganas (South), Kolkata-743503, West Bengal. (Proposal No. SIA/WB/IND3/435073/2023)	Additional Details Sought
II.	M/s. Sai Fertilizers Ltd. Proposed expansion of Single Super Phosphate Plant at JL No. 86, Mouza: - Dewanmaro Ayma, P.O. - Hariatara, P.S. - Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/IND3/404103/2022)	Additional Details Sought
1.2.3) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading	Recommended for

Sl. No.	Name of the unit and Project address	Summary Decision
	Corporation Limited Proposed Madan Sand Mine (MIN_DJ_15) over an area of 2.12 ha (5.24 Acres) on the Mechi River at J. L. No. – 1, Plot No. 1(p), Mouza – Madan, Village – Madan, Block & PS – Khoribari, District – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/439221/2023)	Environmental Clearance
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Nimai Sand Mine (MIN_DJ_7) over an area of 4.97 ha (12.28 Acres) on the Balason River at J. L. No. – 57, Plot No. 495, 719, 720, 723, 724 & 725, Mouza – Nimai, Village – Nimai, PS & Block – Matigara, District – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/438868/2023)	Absent
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Farabari Sand Mine (MIN_DJ_17) over an area of 1.69 ha (4.18 Acres) on the Chenga River at J. L. No. – 57, Plot No. 495, 719, J. L. No. – 43, Plot No. 46(p), Mouza – Farabari, Village – Farabari, Block & PS – Phansidewa, District – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/438816/2023)	Recommended for Environmental Clearance
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Moulpur Sand Mine (MIN_MD_08) over an area of 1.40 ha (3.46 Acres) on the Mahananda River at J. L. No. – 103, Plot No. 382 (p), Mouza – Moulpur, Village – Moulpur, Block – Old Malda, PS – Malda, District – Malda, West Bengal. (Proposal No. SIA/WB/MIN/438633/2023)	Recommended for Environmental Clearance
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Hossainpur Sand Mine (MIN_MD_07) over an area of 2.38 Hectare (5.88 Acres) on the Nagri River at J. L. No. – 192, Plot No. 1 (p), Mouza – Hossainpur, Village – Hossainpur, Block – Chanchal - II, Police Station – Chanchal, District – Malda, West Bengal. (Proposal No. SIA/WB/MIN/438604/2023)	Recommended for Environmental Clearance
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Gangarampur Sand Mine (MIN_DD_24) over an area of 3.36 ha (8.30 Acres) on Punarbhava River at J. L. No. – 118 & 34, Plot No. 1546, 1547, 1548 & 242, Mouza – Mahurkishmat & Khayerbon, Village – Mahurkishmat & Khayerbon, Block & Police Station – Gangarampur, District – Dakshin Dinajpur, West Bengal. (Proposal No. SIA/WB/MIN/438578/2023)	Recommended for Environmental Clearance
2. Reconsideration Proposals		

Sl. No.	Name of the unit and Project address	Summary Decision
2.1) Environmental Clearance		
2.1.1) Construction sector		
I.	M/s. EM Square Homes Pvt. Ltd Proposed Residential Complex R.S. Plot No. 299, 301, 303, 305, 335, 336, 439, 440, L.R. Plot No. – 720, 759, 801, 806, 808, 810, 811, 819, R.S. Khatian No. 260, L.R. Khatian No. 807, J.L. No. 86, Mouza – Ujanu, Pargana – Baikunthapur, P.S. – Matigara, Dist. - Darjeeling – 734010, West Bengal. (Proposal No. SIA/WB/INFRA2/408644/2022)	Recommended for Environmental Clearance
II.	M/s. Merlin Projects Limited Proposed expansion cum modification of Residential Complex 'URVAN' (earlier 'MPL Housing') at Holding No. 147(new), 605 (old), R. N. Guha Road, CS Dag. No. 1509, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1516/1615, 1521, 1522 and 1523, C.S. Khaitan No. – 481, 513, 173/1, 173, J.L. No. – 18, Mouza – Digla, South Dumdum Municipality Ward No. 09, PS – Dumdum, Kolkata – 700 028, Dist – 24 Parganas (North), West Bengal. (Proposal No. SIA/WB/MIS/187248/2020)	Recommended for Environmental Clearance
2.1.2) Industry Sector		
I.	M/s. Sika India Pvt. Ltd. Proposed expansion of polymer grade product at Plot No. F2/1, Vidyasagar Industrial Park, Mouza – Japhala, J.L. No. – 230, Kharagpur, Dist – West Medinipur, West Bengal. (Proposal No.: SIA/WB/IND3/69003/2021)	Additional Details Sought
2.1.3) Mining of Minerals		
I.	Saminur Rahaman Proposed River Bed Sand Mining over an area of 2.00 ha (4.94 Acres) on the Torsa River at JL. No. – 246, Plot No.- 01, Mouza – Ghoramara, P.S. - Kotowali, District - Coochbehar, West Bengal. (Proposal No.: SIA/WB/MIN/415405/2023)	Additional Details Sought
3. Miscellaneous		
I.	Discussions on interim replenishment study for the districts of West Bengal.	The interim study report on sand mining to be revised.

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/-

(Prof. (Dr.) Anirban Gupta)

Chairman

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Indranath Sinha)

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

**Inspection Report**

<b>Name &amp; Address of the project</b>	Proposed construction of a B+G+10 storied Building, GSI Office, at Plot No. GN-40, Sector – V, Salt Lake, Kolkata, West Bengal by M/s. Central Public Works Department, on behalf of Geological Survey of India.
<b>Date &amp; time of inspection</b>	15.05.2023 between 14:00 to 14:30 Hrs.
<b>Name of the inspecting official(s)</b>	Shri Samit Dutta, EE, EIM Cell, WBPCB
<b>Person(s) met during inspection</b>	<ol style="list-style-type: none"> <li>1. Shri K. M. Kumar, Executive Engineer, CPWD</li> <li>2. Shri Subhadip Ghosh, Asstt. Engineer, CPWD</li> <li>3. Shri Soumitra Kamar, Asstt. Engineer, CPWD</li> <li>4. Shri Abhishek Kumar Singh, Asstt. Executive Engineer, CPWD</li> <li>5. Shri Sudipta Das, Project Manager, Kamaladitya Construction Private Limited (CPWD enlisted contractor)</li> </ol>
<b>Reasons for inspection</b>	The SEIAA in its 96 <sup>th</sup> meeting held on 25.04.2023 had directed that a site inspection to be conducted by WBPCB to check the present status of the project.

**Introduction:**

The project proponent has applied for EC for the proposed construction of a B+G+10 storied Building, GSI Office, at Plot No. GN-40, Sector – V, Salt Lake, Kolkata, West Bengal by M/s. Central Public Works Department, on behalf of Geological Survey of India having the following features :

	<b>Existing project (Block 2)</b>	<b>Proposed project (Block 1)</b>	<b>Total</b>
Land Area	20232.00 sqm	--	20232.00 sqm
<b>Total Built-up area</b>	<b>21538.39</b>	<b>29595.57 sqm.</b>	<b>51133.96</b>
Ground Coverage Area	3952.77 sqm.	3103.02 sqm. (40% of Land Area)	7055.79 (34.87 % of the plot area)
Service Area	250	2586.93	2836.93 (14.02 % of the plot area)
Exclusive Tree Plantation Area	3545	507.97	4052.97 sqm. (20.03% of Land Area)
Total Paved Area	--	--	4359.38 (21.55 % of the plot area)
Area for services	272.01	523.09	795.1 (3.93 % of the plot area)
Other area, if any (Open	477.26	654.53	1131.79 (5.6 % of



	Existing project (Block 2)	Proposed project (Block 1)	Total
Area, boundary wall & Fire Water Tank)			the plot area)
No. of stories	Block 2 (G+7) office building	Block – 1 Basement + Ground Floor + 10 Storied Office Building	This is an office building
Latitude & Longitude of site	22°34'22.95"N and 88°25'43.22"E		
Source of Water	NDITA supply		
Total Water required	32 KLD	203 KLD	235
Quantity of Wastewater Generation	25.6 KLD	56.99 KLD (Capacity of STP – 70 KLD)	82.59
Treated Wastewater Recycled	0 KLD	51.3 KLD (Flushing & Horticulture)	51.3 KLD
Quantity of Wastewater Discharge	25.6 KLD	8 KLD	33.6
Fresh Water required	32 KLD	160 KLD met through NDITA supply and balance 43.3 KLD, will be met through recycle of treated water from the on-site STP	192
Quantity of Solid Waste Generation (operational phase)	0.105 TPD	0.957 TPD Biodegradable wastes (0.45 TPD) 72.00 kg/day (construction phase)	1.062
Total Population During Construction	--	300 nos.	--
Total Population During Operation	163	1480 including office employees, service person and visitors	1643
Electricity (Connected Load)	750 kVA	1926 KW (1462 KVA) by WBSEDCL	2676 KW
D.G. Sets for Back Up power	320 KVA	2500 KVA	2820 KVA
Solar power generated	65 KWP	130 KWP	195 KWP
Proposed Total Parking	20	449	469 ECS.
Total no. of trees	129	203	332 nos.
Total project cost (Rs.)	Rs.13.5 crores (approx. at time of construction)	Rs.157.90 crores (approx.)	Rs. 171.4 crores (approx.)

**Observation:**

- Work for construction of basement for the proposed B+G+10 storied building is in progress.
- Substation work foundation is in progress.

**Remarks:**

- This is clear case of violation of the EIA Notification, 2006, since the project proponent has already initiated construction activity for their proposed project without obtaining Environmental Clearance since the work for basement appears to be on the verge of completion.
- The total built up area for a project is the total covered area on all the floors put together. The built up area for the substation block should also be included for calculation of the built up area.
- Photographs of the site are enclosed.

Sd/-

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Samit Dutta  
EE, EIM Cell, WBPCB



Existing status of construction for the proposed B+G+10 storied building





Existing status of construction for the proposed substation block.



Existing G+7 office building

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

I, \_\_\_\_\_ (name) 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, and I do hereby solemnly declare and state as follows:

- 1) THAT M/s. \_\_\_\_\_ (Organization Name) are the project proponent in respect of the \_\_\_\_\_ (Project Name).
- 2) AND THAT M/s. \_\_\_\_\_ has constructed \_\_\_\_\_ square metre of built-up area at premises no. \_\_\_\_\_.
- 3) AND THAT in terms of EIA Notification 2006 and amendments made thereto, the above project requires prior environmental clearance from the State Environment Impact Assessment Authority, West Bengal, before any construction work, or preparation of land by the project management (except for securing the land) is started on the project.
- 4) AND THAT M/s. \_\_\_\_\_ has failed to get prior environmental clearance as per statutory provisions of EIA Notification, 2006, due to the reasons mentioned below: (please mentioned the reasons) –
  - i.
  - ii.
  - iii.
  - iv.
- 5) AND THAT M/s. \_\_\_\_\_ has applied in prescribed form(s) for obtaining necessary Terms of Reference/ Environmental Clearance as per the EIA Notification, 2006 and its amendments issued by the Ministry of Environment, Forest and Climate Change (hereinafter referred to as MoEF&CC) and the 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 following.
  - a) THAT the project proponent shall comply with all statutory requirements/ norms for obtaining Environmental Clearance for the project;
  - b) AND THAT the project shall obtain all necessary permissions/ licences/ clearances from the Government Departments/ Authorities concerned and shall submit proofs of such compliances before the State Level Appraisal Committee, West Bengal;
  - c) AND THAT the Project Proponent shall 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 and all expenses to be incurred for taking such measures shall be met by the project proponent.
- 7) AND NOW I, on behalf of the Project Proponent, also undertake not to repeat such violation in future, and that in case of any further violation, the Terms of Reference issued or the Environmental Clearance granted shall be liable to be terminated.

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

DEPONENT