

Minutes of the 13th meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on September 07, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 13th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Thursday the 07th September, 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.) Pradip Kumar Sikdar	Member, SEAC	Present
5)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
6)	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 extension of Neotia Getwel Multi Specialty Hospital at Uttarayan Township, Matigara, Siliguri, West Bengal. (Violation Category)

Proposal No.:	SIA/WB/INFRA2/440525/2023
Project Proponent:	M/s. Ambuja Neotia Healthcare Venture Limited.
Environmental Consultant:	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activity:

- This is a proposal for extension of 246 bed multi-specialty hospital with a new oncology block having 62 beds at developing a Residential Complex over the land of 12909.45 Sqm (3.19 acres). Total built-up area of the project 25636.30 sqm. (existing built up area is 19980.43 sqm.).

Salient Features of the Project:

- Salient features of the proposed project is given below –

	Existing	Upon expansion
Area of Land (as per deed)	12909.45 Sqm (3.19 acres)	
Number of Phases	I & II	I, II & III
Total covered area of the project	20,287.765 sqm.	25904.033 sqm.
Number of Floors	G+6 (Phase-I) B+G+2 (Phase-II)	B2+B1+G+3 (Phase-III)

Height of the building	22.5 m. (Phase-I) 13.2 m (Phase-II)	15.0 m (Phase-III)
Proposed Land Use statement and other features (Upon expansion) as uploaded by the PP in the PARIVESH Portal		
Ground Coverage (Building foot-print area)	--	5112.13 sqm. (39.60%)
Ancillary Structural Ground Coverage	--	106.70 sqm. (0.83%)
Road Area	--	2926.53 sqm. (22.67%)
Tree Plantation Area	--	2622.37 sqm. (20.31%)
Service Area	--	699.97 sqm. (5.42%)
Paved Area	--	525.71 sqm. (4.07%)
Parking Area	--	872.16 sqm. (6.76%)
Soft Scape Area	--	43.89 sqm. (0.34%)
Number of beds	262	308
Number of Car Parking (mandatory)	200	200
Number of Car Parking (Proposed)	200	200
Source of Water	Underground Aquifer	
Total quantity of daily water requirement (in KLD)	165	190
Quantity of daily fresh water requirement	165	190
Quantity of daily waste water generation	Central STP of 3500 KLD	
Quantity of daily General Solid Waste generation post occupancy (Kg /day)	393	462
Quantity of daily Bio-Medical Solid Waste generation post occupancy (Kg/day)	98.25	115.5
Demand for daily construction water (in KLD)	--	15
Population during construction	--	100
Population post occupancy	1962	2400
Contract Demand for electricity (in KVA)	850	1250
Power Supply Utility company	WBSEDCL	
Capacity of installed DG set	1260 KVA	1640
Number of trees to be planted	99 nos.	247 nos.
Project cost (Rs.)	--	Rs.29.08 Crore

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 21.08.2023.
- The project site was inspected by WBPCB on 16.05.2023 (report of inspection is enclosed as **ANNEXURE-1**) wherein it was observed that the PP had already initiated their construction activity at the project site, for which the built up area exceeds 20,000 sqm for the project without having obtained EC.
- The PP was called for the ToR presentation in the 13th meeting of SEAC, WB held on 07.09.2023 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:

- 1) 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.
- 7) Permission from CMOH, Consent to Operate, Hazardous Waste Authorisation, Bio-Medical Waste Authorisation from WBPCB and AERB clearance. Existing agreement with CBWTF operator to be uploaded.
- 8) Clearance from Airport Authority of India.
- 9) Clarification on the anomaly- single registration but two land parcels.

Land use

- 10) Final sanction plan and Completion plan for Phase – I & Phase – II of the project from the competent authority.
- 11) Pavement and trees have been shown on a land parcel which is not registered in favour of proponent. Clarification in this regard should be provided.

Green belt and plantation

- 12) Green area is not plantation area. 20% tree plantation should be complied with.

Solar Power

- 13) Detailed plan of solar power plant generation including PV array for atleast 1% of the connected load should be submitted. Area of rooftop provided to be shown in the plan.
- 14) The generated solar power should be connected to the grid.

Need-based activities

- 15) 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.

Water and wastewater:

- 16) Water balance diagram indicating different sources of effluent and onsite ETP flow chart. Analysis report of influent and effluent of the ETP.
- 17) Subsurface lithology and Impact of basement on groundwater flow.
- 18) Piezometer should also be installed and ground water level data should be recorded and reported periodically.
- 19) Water meters with totalisers shall be provided at freshwater inlets and ETP inlet and discharge points. Discharge points of the treated wastewater should be marked in the plan.

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.

1.1.2) Industry Sector

- II. **Proposed existing 62,400 TPA Hot Rolling Mill for production of MS Section, MS Angles, Channels, Flats, Square and MS Joists etc. at Survey Plot No. F-5 (JL No. 22, Khatian 4, R.S. Plot No. 1217 and Khatian 753, R.S. Plot No. 1219), Mangalpur Industrial Estate, PO: Raniganj, Distt. Paschim Bardhaman, West Bengal – 713347.**

Proposal No.: SIA/WB/IND1/441494/2023
Project Proponent: M/s. Manbhum Ispat Private Limited.
Environmental Consultant: M/s. Envirocheck

Activity:

- This is a proposal for existing 62,400 TPA Hot Rolling Mill to produce MS Section, MS Angles, Channels, Flats, Square and MS Joists etc. The project proposal is as under :

Plant	Production Per Day	No. of working days/ month	Annual Production Capacity
Reheating Furnace	20 TPH	26	62,400 TPA
Hot Rolling Mill	200 T	26	62,400 TPA

Gas Producer Plant		26	48,00,000 NM3/Annum
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Salient Features of the project:

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

Brief description of the project	Existing 62,400 TPA Hot Rolling Mill to produce MS Section, MS Angles, Channels, Flats, Square and MS Joists etc.
Project Location	Survey Plot No. F-5 (JL No. 22, Khatian 4, R.S. Plot No. 1217 and Khatian 753, R.S. Plot No. 1219), Mangalpur Industrial Estate, PO: Raniganj, Distt. Paschim Bardhaman, West Bengal – 713347
Latitude and Longitude	22°35'23"N and 88°13'19"E
Total Plant Area	5.75 acres (23,269.42 sqm)
Green belt development area	35% of the total area i.e., 8144.29 sq. mt.
Raw materials	MS Billets and MS Blooms of 69,335 Tonne / year
Fresh water requirement & source	13 KLD (Domestic – 3 KLD, Industrial (cooling)- 8 KLD, Greenbelt – 2 KLD)
Power requirement & source	2100 KVA Source : India Power Corporation Ltd.
Back up power	1x250 KVA DG set
Solid Waste Management	6935 TPA (Process Scrap (Melting & Miss Rolls and Mill Scale)
Manpower	169 Nos.
Total cost of the project	Rs. 3138.09 lakhs

Chronology of the Events:

- The PP had obtained Consent to Establish from WBPCB vide Memo no 67-2N-169/2005 dated 18.04.2006 in the name of M/s. Baba Smelters Pvt. Ltd. for 4000 TPM of MS Sections.
- It is mentioned in the Project Feasibility Report that the project proponent [M/s. Manbhum Ispat Pvt Ltd.] which was earlier named as M/s Baba Smelters (P) Ltd., had changed its name from M/s Baba Smelters (P) Ltd. to M/s. Manbhum Ispat Pvt Ltd. on 18-06-2014.
- The PP has obtained Consent to Operate from WBPCB vide Memo no C0145717 vide Memo No. 343-WPBA/org/BHN/Cont/208/06 dated 16.08.2023 which is valid upto 31.05.2028 for 5720 Tons/month of MS Fabrication.
- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 25.08.2023.

- The PP was called for the ToR presentation in the 13th meeting of SEAC, WB (2023-2026) held on 07.09.2023 and the PP presented their proposal in the 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:-

Mandatory documents

1. Land documents for the entire project area of 5.75 acres. Land conversion and mutation in the name of the project proponent should be provided.
2. Undertaking regarding no use of furnace oil.

Water and wastewater

3. Piezometer should be installed (or, one of the existing extra borewell may be converted as a piezometer) and ground water level data should be recorded and reported periodically.
4. Permission from SWID for extraction of ground water.
5. Break-up of water from borewell and from the ADDA to be submitted.
6. Water flow meter with totalizer at inlet for fresh water.

Greenbelt and plantation

7. Plant layout showing the detailed area statement of the project in sqm. and percentage adding upto 100%.
8. Tree plantation should be done in the vacant land.

Solid waste

9. Management and handling of the entire solid waste generated.
10. Consent from the industrial estate authority to collect the domestic waste generated.

Air pollution

11. Stack analysis report of the reheating furnace.
12. Noise and emission from the diesel generator – remediation plan
13. Storage of diesel – environmental protection

Social part of EMP

14. 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 standard ToR of MoEF&CC – along with the ToR proposed by the proponent and the information/ documents/ clarifications/ studies listed hereinabove, shall form the ToR for EIA study of the proposed project. While applying for environmental clearance,

the proponent shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ clarifications sought above. All the documents shall be duly signed both by the project proponent and the environmental consultant.

Recommendations: SEAC, taking into account the salient features of the proposed project, recommended that **Terms of Reference 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.

1.2) For Environmental Clearance

1.2.1) Construction Sector

- I. **Proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709 Diamond Harbour road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist South 24 Parganas, West Bengal (VIOLATION CASE).**

Proposal No. SIA/WB/INFRA2/440103/2023

Project Proponent - M/s. DTC Projects Pvt. Ltd.

Environmental Consultant - M/s. Ultra-Tech.

Activity:

- This is a proposal for expansion of housing complex comprising of Phase-2 & Phase-3. In Phase-2, there shall be expansion by addition of 11 nos. of blocks viz. Tower A1, A2, A3 & A4, Tower B1, B2, B3 & B4 and Tower C1, C2 & C3 with configuration of G+19 (1 no.), G+2P+17 (4 nos.) & B+G+2P+17 (6 nos.) having Built-up area 140762 sqm as per sanctioned plan vide.450/580/EXE/KMDA. The Phase-3 will be kept for future development. After expansion total Built up area will be 293442 sqm.

A brief of the BUA details is given below:

Existing Project		Expansion Project	Total Project Scenario
BUA as per obtained EC	Actual BUA	Proposed BUA	Existing + Proposed BUA
Phase-1: 149115.89 sq.m	152680 sq.m	Phase 2: 140762 sq.m	Phase-1 + Phase-2: 293442 sq.m

Salient Features of the project -

- Salient features of the proposed project as per the EIA report as uploaded by the PP in the PARIVESH portal may be summed up as below –

Features	Existing Capacity as per EC issued by SEIAA vide 3230/EN/T-II-1/019/2017 dated 27/09/2018 (Phase-1)	Actual (Phase-1)	Proposed Expansion (Phase-2 & 3)	Total After expansion Actual (Existing + Proposed)
Total Land area	76788 sqm	76788 sqm	2712 sqm acquired for expansion	79500 sqm
Land area	44784.91 sqm	--	--	--
Expected Population	8790 (Residential - 6084, Community hall - 881, Service - 1217, Floating -608) Persons	9194 (Residential - 7570, Club House- 757, Service - 110, Floating -757) Persons	6346 (Residential - 5660, Service - 120, Floating -566) Persons	15540 (Residential - 13230, Club House- 757, Service -230, Floating -1323) Persons
No. of Flats	1352 Nos.	1351 Nos.	1016 Nos.	2367 Nos.
No. of storey	Residential Complex Block-1, 1A, 2, 3: G+12, Block-4 to 23 - G+12(5 nos.), G+14(7 nos.) & B+G+14(7 nos.) with club house G+2	Residential Complex Block-1, 1A, 2, 3: G+12, Block-4 to 23 - G+12(5 nos.), G+14(7 nos.) & B+G+14(7 nos.) with club house G+2	Tower A1, A2, A3 & A4 Tower B1, B2, B3 & B4 Tower C1, C2 & C3	Phase 1: Residential Complex Block-1, 1A, 2,3: G+12, Block-4 to 23- G+12(5nos), G+14(7 nos.) & B+G+14(7nos.) with club house G+2 Phase 2 : Tower A1, A2, A3 & A4 Tower B1, B2, B3 & B4 Tower C1, C2 & C3
Latitude & Longitude	22°26'25.38"N & 88°17'53.94" E	22°26'25.38"N & 88°17'53.94" E	22°26'27.04"N 88°17'56.68"E	
Total Water requirement	1079 KLD	1029 KLD	819 KLD	1848 KLD
Fresh Water requirement	671 KLD	702 KLD	526 KLD	1228 KLD
Wastewater generated	793 KLD	763 KLD	607 KLD	1370KLD
Treated Wastewater Discharge	385 KLD	428 KLD	308 KLD (In Non-Monsoon Season) 453 KLD (In Monsoon Season)	736 KLD (In Non-Monsoon Season) 881 KLD (In Monsoon Season) after recycling to Panchayat Drain
Treated Wastewater Recycled	408 KLD	327 KLD	293 KLD	620KLD
Solid Waste Disposal	4.045 TPD	Total-3493 Kg/day Biodegradable -1397 Kg/day Non-Biodegradable-2096 Kg/day	Total-2616 Kg/day Biodegradable -1046 Kg/day Non-Biodegradable-1570 Kg/day	Total-6109 Kg/day Biodegradable-2444 Kg/day Non-Biodegradable-3665 Kg/day
Total Built-up area	149115.89 Sq.m (As per EC) 152680 Sq.m (As Actual)	1,52,680 sqm	1,40,762 sqm	2,93,442 sqm
Ground	13804.27 sq.m	13804 sqm	Phase 2-13725 sqm	30559 sqm (38.44 %)

Features	Existing Capacity as per EC issued by SEIAA vide 3230/EN/T-II-1/019/2017 dated 27/09/2018 (Phase-1)	Actual (Phase-1)	Proposed Expansion (Phase-2 & 3)	Total After expansion Actual (Existing + Proposed)
Coverage	(30.82% of present development area), (17.98% of total project area)		Phase 3-3030 sqm	
Service Area	1192.35 sq.m (2.66%)	1330 sqm	Phase 2- 410 sqm Phase 3- 180 sqm	1920 sqm (2.42 %)
Total Paved Area	8904.59 sq.m (19.88 %)	5260 sqm	Phase 2- 693 sqm Phase 3- 2500 sqm	8453 sqm (10.63 %)
Total Green Area	18400.73 sq.m (41.09%)	--	--	--
Exclusive Tree Plantation area	9496.14 sq.m (21.20%)	5454 sqm	Phase 2- 7970 sqm Phase 3- 2676 sqm	16100 sqm (20.25 %)
Swimming pool area	Swimming Pool is located presently in Club House	--	18 sqm	18 sqm (0.02 %)
Water Body Area	Water body is not present in present development area. Compensatory water body will be made in future provision area.	--	Phase 2- 688 sqm	688 sqm (0.87%)
Basement Area	2482.97 sq.m (5.54%)	--	--	--
Future Expansion Area	32003.09 sq.m	--	--	--
Total No. of plantation proposed	650 Nos.	302 nos.	832 nos. (Phase-2 & Phase-3)	1134 nos. (Phase -1, 2 & 3)
No. of Solar lights proposed	87 Nos.	--	--	--
Use of Solar Power	150 kW	44 kW (P) (More than 1%) Will be transferred to Grid	43 kW (P) more than 1% –Will be transferred to Grid	87 kW (P) (More than 1%) –Will be transferred to Grid
No. of Parking spaces proposed	770 Nos.	Required: 1152 Provided: 1316	Required: 788 Provided: 1041	Required: 1940 Provided: 2357
Total Power requirement	8335 kVA	5522 kVA or 4417 kW	5040 kVA or 4032 kW	10562 kVA or 8449 kW
Backup Power	DG Sets (2 X 2000 kVA, 1 X 100 kVA)	2X380 kVA 1X625 kVA	2X500kVA 2X320 kVA	2X380 kVA 1X625 kVA 2X500kVA

Features	Existing Capacity as per EC issued by SEIAA vide 3230/EN/T-II-1/019/2017 dated 27/09/2018 (Phase-1)	Actual (Phase-1)	Proposed Expansion (Phase-2 & 3)	Total After expansion Actual (Existing + Proposed)
				2X320 kVA
Project cost (Rs.)	--	Rs. 27549.79 Lakhs	Rs. 23100 Lakhs	Rs.27549.79 Lakhs for (phase-1) Rs.23100 Lakhs for (phase-2)

Chronology of the Events:

- The PP had obtained EC issued by SEIAA No. 3230/EN/T-II-1/019/2017 dated 27/09/2018 for Phase-1 for a built up area 149115.89 Sq.m.
- However, the PP has initiated construction for phase 1 for a built up area of 1,52,680 sqm., thereby rendering to be a case of violation.
- The PP applied in prescribed format for Terms of Reference under violation category for the project having built up area 293442 sqm. (combined phases) and uploaded the application in the PARIVESH portal on 23.05.2023 (Proposal No. SIA/WB/INFRA2/430314/2023).
- The PP had obtained Terms of Reference issued by SEIAA, West Bengal vide Memo no. 1368/EN/T-II-1/401/2023 dated 19.07.2023.
- 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 13th meeting of SEAC, WB held on 07.09.2023 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:

Legal documents

- a) Notary Affidavit as per the enclosed format given in **Annexure – 2 (to be submitted in original within 15 days).**
- b) Damage Assessment Plan.
- c) Remedial Plan.
- d) Community Augmentation Plan.

- e) Action taken on the points of non-compliance as reported in the Certified Compliance Report of MoEF&CC to be provided.
- f) It is observed that in Phase I of the project, the built up area for which EC was received vide No. 3230/EN/T-II-1/019/2017 dated 27/09/2018 was 149115.89 sqm. However, the actual built up area in Phase I is 152680 sqm. The building footprint, ground coverage or the number of storeys in both cases remain the same. The PP is requested to submit a clarification regarding the variation in the actual built up area considering the above.
- g) The project cost for the violation portion should be revised. Proportionate share of the land cost should be included in the project cost.
- h) The Plot No. 709 is not included in the recommendation of WBF&ES and AAI clearance.

Land and land use

- i) Land conversion and mutation certificates for Dag Nos. 11, 16, 17, 53, 57, 58.
- j) Fencing should be provided around the pond. Embankment should be maintained as per guidelines.
- k) Dag records for the pond are not consistent in all the documents.

Water and wastewater

- l) PSF should be placed before softener.
- m) Brine solution line for regeneration of softener should be shown in flow sheet. Management of spent regenerant (brine) should be mentioned.
- n) Agreement with panchayat for receiving wastewater to its drain.
- o) Redesign of rainwater recharge system including diversion of first flush of rainwater.
- p) Piezometer and flowmeter with totalizer at inlet of freshwater, ETP inlet, recycle and discharge lines should be installed.
- q) Influence of basement on groundwater.
- r) Location of the existing and proposed wells and Distance amongst them to be provided in a map.
- s) Well depths and water level of existing tube wells to be provided.
- t) A study on drawdown and recuperation of wells due to simultaneous pumping of wells should be carried out. Based on the study pumping schedule should be designed.

Solid waste

- u) Concurrence from the panchayat regarding inorganic portion of solid waste. Otherwise, proposal/plan for the disposal of the same.

Greenbelt and plantation

- v) It is observed that the sanction plan including services plan does not match with the exclusive tree plantation area certified by the DFO. 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 different colours 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.

Need-based EMP

- w) Should be specific; beneficiaries to be identified along with their consent.

Parking

- x) Adequate ventilation to provide at basement parking

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 Onshore Exploratory drilling of 08 wells in Bengal Onshore OALP-IV Block BP-ONHP-2019/1 situated in East Medinipur and West Medinipur Districts of West Bengal.**

Proposal No.	SIA/WB/IND2/433074/2023
Project Proponent -	M/s. ONGC Limited, MBA Basin
Environmental Consultant -	M/s. ABC Techno Labs India Private Limited.

Activity:

- This is a proposal for Onshore Exploratory drilling of 08 wells in Bengal Onshore OALP-IV Block BP-ONHP-2019/1 situated in East Medinipur and West Medinipur Districts of West Bengal.

Salient Features of the project:

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

Name of blocks	OALP-IV Block BP-ONHP-2019/1
Area of block	3105.44 sq.km
Number of Wells & Type	8 nos. of exploratory wells
Average elevation	18 m
Land required	For well site during drilling will be 150m x 150m i.e. 2.25 acres, including site facilities and for camp site
Test flaring, duration	2-3 days per well
Duration of Drilling	90-150 days

Quantity of drilling fluid	170 -250 m3/well (Drilling mud will be disposed of in accordance with Notification & CPCB guidelines dated April, 2021 - S.R 72 point no C, Pg. 311 -313. "Guidelines for Disposal of Solid Waste, Drill Cutting and Drilling Fluids for Offshore and Onshore Drilling Operation").				
Type of Drilling Mud	Water based drilling fluid				
Quantity of drill cutting	200-450 Ton (approx.) per well. (Drill Cutting and drilling mud will be disposed of in accordance with Notification & CPCB guidelines dated April, 2021 - S.R 72 point no C, Pg. 311 -313. "Guidelines for Disposal of Solid Waste, Drill Cutting and Drilling Fluids for Offshore and Onshore Drilling Operation").				
Quantity of waste water generated from drilling	8-10 KLD				
Estimated project cost	INR 240 Crores (approx.)				
Manpower Requirement	Total Manpower: 12-15 during (Construction Phase) and during Operational Phase around 30 ONGC employees & 30 contingent workers from local area.				
Tentative well co-ordinates to be drilled in block BP-ONHP-2019/1	Block	Well	Latitude	Longitude	District
	OALP-IV Block BP- ONHP-2019/1	EC_NL-1_19/1	22°15'42.12"N	87°34'47.28"E	West Medinipur
		EC_NL-2_19/1	22°17'02.04"N	87°45'06.12"E	East Medinipur
		EC_NL-3_19/1	22°06'20.03"N	87°35'30.15"E	West Medinipur
		EC_NL-4_19/1	22°03'28.44"N	87°45'56.52"E	East Medinipur
		EC_NL-5_19/1	21°56'50.28"N	87°38'04.92"E	East Medinipur
		EC_NL-6_19/1	21°46'39.00"N	87°37'57.00"E	East Medinipur
		EC_NL-7_19/1	21°58'40.03"N	87°45'52.53"E	East Medinipur
		EC_NL-8_19/1	22°06'24.84"N	87°53'06.72"E	East Medinipur

Chronology of the Events:

- The PP applied for EC in prescribed format and uploaded their application in the PARIVESH portal on 17.08.2023.
- The PP was called for the EC presentation in the 13th meeting of SEAC, WB (2023-2026) held on 07.09.2023 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:

Mandatory documents

- Status of land acquisition in terms of the Office Memorandum issued by MoEF&CC vide no. 22-76/2014-IA-III dated 07.10.2014.

- ii. Project summary in a tabular form covering all the salient features with exact geo-coordinates of the wells should be mentioned.
- iii. Distance from the nearest eco-sensitive zone.

Solid waste

- iv. Disposal plan for solid waste generated.
- v. Waste drilling fluid, if proposed to be stored in impervious HDPE lined pit for solar evaporation and drying, capacity of the pit with respect to period of evaporation/drying, configuration (depth, area, covered/uncovered) vis-à-vis strategy during wet monsoon season/rainy days may be indicated.

Water and waste water

- vi. Impact on ground water during drilling of wells.
- vii. Mobile ETP has been proposed to treat and reuse the wastewater generated during drilling operations. Expected quality of wastewater at inlet and outlet of ETP and capacity of ETP may be furnished with a flow diagram of ETP. Handling of sludge and backwash of ETP may also be mentioned.

Land

- viii. Closure and restoration plan including top soil conservation after completion of exploration study.
- ix. Access road management plan.

Process

- x. Blow out prevention plan.

Noise

- xi. Noise containment plan during drilling operations. Plan for storage of fuels and pollution due to DG sets to be submitted.

Need-based EMP

- xii. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 needs to be submitted. Beneficiary for the social part of EMP should be identified and their consent should be submitted.

Air pollution

- xiii. Air pollution details from activities like flaring, venting, purging, fugitive gases, etc. and control plan.

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.

1.3) For Terms of Reference

1.3.1) Mining of Minerals:

- I. **Proposed River Bed Sand Mining (Block ID – MIN_EMED_3) over an area of 7.98 ha (19.20 Acres) on the Shilabati River at Plot No.- 72(P), 73(P), 74(P) & 75(P), J.L. No.- 366, Mouza – Kenja, Lakshiapal, Bhagardanga, Nagadipara & Piasala, P.S.- Garhbeta, Block- Garhbeta-II, District- Paschim Medinipur, West Bengal.**

Proposal No. SIA/WB/MIN/440422/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activity:

- This is a proposal for River Bed Sand Mining (Block ID – MIN_EMED_3) over an area of 7.98 ha (19.20 Acres) on the Shilabati River at Plot No.- 72(P), 73(P), 74(P) & 75(P), J.L. No.- 366, Mouza- Kenja, Lakshiapal, Bhagardanga, Nagadipara & Piasala, P.S.- Garhbeta, Block- Garhbeta-II, District- Paschim Medinipur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689-ICE-12011(99)/68/2022-MINES Dated 31.11.2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 14.08.2023 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 area (ha)	Thickness (m)	Geological Resource (cu.m)
1	7.98	2.50000	199500.00
2	7.98	1.79575	143300.85
3	7.98	1.79575	143300.85
4	7.98	1.79575	143300.85
5	7.98	1.79575	143300.85
Total geological resource			772703.40

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

Year	Total area (ha)	Thickness (m)	Mineable Reserve (cu.m)
1	6.6120	2.50000	165300
2	6.6120	1.79575	118734.99
3	6.6120	1.79575	118734.99
4	6.6120	1.79575	118734.99
5	6.6120	1.79575	118734.99
Total Mineable reserve			640239.96

- 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 informed that there is no court case pending against the project.

Chronology of Events

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.08.2023.
- The PP was called for the ToR presentation in the 13th meeting SEAC, WB held on 07.09.2023 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 Paschim Medinipur district. **However, the non-cluster certificate mentions that the sand block is administratively covered under Garhbeta-II block in Birbhum District. Necessary clarification / rectification of the non-cluster certificate should be uploaded.**
- Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Revised non-cluster certificate mentioning the correct location of the block should be uploaded.
 2. The project proponent should upload the NABET accreditation certificate of the consultant.
 3. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 4. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 5. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 6. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 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 should 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.

9. Management plan of haul road to the public road.

10. Sieve analysis report for grain size distribution should be provided.

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

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

II. Proposed Datan - I Sand Mine (MIN_WMED_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, West Bengal.

Proposal No.

SIA/WB/MIN/440638/2023

Project Proponent -

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

Environmental Consultant -

M/s. Indian Mine Planners and Consultants

Activity:

- This is a proposal for Datan - I Sand Mine (MIN_WMED_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, 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 16.06.2023 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 Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
1	25.131	251310	2.5	100	628275
2	25.131	251310	1.84375	73.75	463352.8125
3	25.131	251310	1.84375	73.75	463352.8125
4	25.131	251310	1.84375	73.75	463352.8125
5	25.131	251310	1.84375	73.75	463352.8125
Total Mineable reserve (cu.m)					2481686.25
Average Mineable reserve (cu.m)					496337.25

- 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 informed that there is no court case pending against the project.

Chronology of Events

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.08.2023.
- The PP was called for the ToR presentation in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district.
- However, the SEAC observed that page 20 of uploaded approved Mine Plan is missing. The geological reserves are not mentioned in the uploaded mine plan.
- NABET Accreditation certificate of the consultant should be uploaded.

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.

III. Proposed Datan - I Sand Mine (MIN_WMED_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, West Bengal.

Proposal No.	SIA/WB/MIN/440647/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Indian Mine Planners and Consultants

Activity:

- This is a proposal for Datan - I Sand Mine (MIN_WMED_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, 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 16.06.2023 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 Area (ha)	Total Area (m ²)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	7.98	79800	2.5	100	199500
2	7.98	79800	1.84375	73.75	147131.25
3	7.98	79800	1.84375	73.75	147131.25
4	7.98	79800	1.84375	73.75	147131.25
5	7.98	79800	1.84375	73.75	147131.25
Total Geological reserve (cu.m)					788025
Total Geological reserve (c.ft)					2.782 Cr.

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

Year	Total Area (ha)	Total Area (m ²)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
1	7.00	70000	2.5	100	175000
2	7.00	70000	1.84375	73.75	129062.5
3	7.00	70000	1.84375	73.75	129062.5
4	7.00	70000	1.84375	73.75	129062.5
5	7.00	70000	1.84375	73.75	129062.5
Total Mineable reserve (cu.m)					691250
Total Mineable reserve (c.ft)					2.441 Cr.

- 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 informed that there is no court case pending against the project.

Chronology of Events

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.08.2023.
- The PP was called for the ToR presentation in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

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

- Therefore, the SEAC **observed that the** Mining Plan with Progressive Mine Closure Plan is not signed by the approving authority.
- NABET Accreditation certificate of the consultant should be uploaded.

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.

1.4) For Environmental Clearance

1.4.1) Mining of Minerals:

- I. **Proposed Paschim Dangapara Sand Mine (MIN_UD_12) over an area of 2.51 ha (6.20 Acres) on the Mahananda River at J. L. No. – 10, Plot No. 36(p), Mouza – Paschim Dangapara, Village – Paschim Dangapara, Block & PS – Chopra, District – Uttar Dinajpur, West Bengal.**

Proposal No.	SIA/WB/MIN/440454/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants

Activity:

- This is a proposal for Paschim Dangapara Sand Mine (MIN_UD_12) over an area of 2.51 ha (6.20 Acres) on the Mahananda River at J. L. No. – 10, Plot No. 36(p), Mouza – Paschim Dangapara, Village – Paschim Dangapara, Block & PS – Chopra, District – Uttar Dinajpur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 430-ICE-12011(99)/27/2022-MINES Dated 05.07.2023.
- 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 14.07.2023 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	37650	100	37650
2	37650	74.67	28133.255
3	37650	74.67	28133.255
4	37650	74.67	28133.255

5	37650	74.67	28133.255
Total geological resource			150103.02

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	27906	100	27906	27906
2	27906	74.67	20837.4102	20837.4102
3	27906	74.67	20837.4102	20837.4102
4	27906	74.67	20837.4102	20837.4102
5	27906	74.67	20837.4102	20837.4102
Total Mineable reserve			11255.6408	11255.6408

- 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 15.08.2023.
- The PP was called for the EC presentation in the 13th meeting SEAC, WB held on 07.09.2023 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 Uttar 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.

II. Proposed Karanjogerya Sand Mine (MIN_WMED_13) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 629, Plot No. 407(p), 408(p) & 409(p), Mouza – Karanjogerya, Village – Karanjogerya, Block & PS – Keshpur, District – Paschim Medinipur, West Bengal.

Proposal No.

SIA/WB/MIN/440247/2023

Project Proponent -

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

Environmental Consultant -

M/s. Crystal Consultants

Activity:

- This is a proposal for Karanjogerya Sand Mine (MIN_WMED_13) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 629, Plot No. 407(p), 408(p) & 409(p), Mouza – Karanjogerya, Village – Karanjogerya, Block & PS – Keshpur, District – Paschim Medinipur, 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 10.07.2023 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	84250	100	84250
2	84250	75.33	63465.525
3	84250	75.33	63465.525
4	84250	75.33	63465.525
5	84250	75.33	63465.525
Total geological resource			338112.10

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	55999	100	55999	55999
2	55999	75.33	42184.0467	42184.0467
3	55999	75.33	42184.0467	42184.0467
4	55999	75.33	42184.0467	42184.0467
5	55999	75.33	42184.0467	42184.0467
Total Mineable reserve			224735.1868	224735.1868

- 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 13th meeting SEAC, WB held on 07.09.2023 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 Paschim Medinipur 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.

III. Proposed Gangarampur Sand Mine (MIN_MD_3) over an area of 1.95 ha (4.82 Acres) on the Kalindri River at J. L. No. – 39, Plot No. 58/208, Mouza – Gangarampur, Village – Gangarampur, Block & PS – English Bazar, District – Malda, West Bengal.

Proposal No. SIA/WB/MIN/440161/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Crystal Consultants

Activity:

- This is a proposal for Gangarampur Sand Mine (MIN_MD_3) over an area of 1.95 ha (4.82 Acres) on the Kalindri River at J. L. No. – 39, Plot No. 58/208, Mouza – Gangarampur, Village – Gangarampur, Block & PS – English Bazar, District – Malda, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept. of ICE Dated 17.03.2023.
- 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 10.07.2023 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	31,200	100	31,200
2	31,200	70	21,840
3	31,200	70	21,840
4	31,200	70	21,840
5	31,200	70	21,840
Total geological resource			1,18,560

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°	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (cu.m)
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	slope(cu.m)			
1	19,572	100	19,572	19,572
2	19,572	70	13,700.40	13,700.40
3	19,572	70	13,700.40	13,700.40
4	19,572	70	13,700.40	13,700.40
5	19,572	70	13,700.40	13,700.40
Total Mineable reserve			74,373.60	74,373.60

- 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 12.08.2023.
- The PP was called for the EC presentation in the 13th meeting SEAC, WB held on 07.09.2023 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.

- IV. **Proposed Dakshin Saripakuri Sand Mine (MIN_JPG_10) over an area of 4.95 ha (12.23 Acres) on the Neora River at J. L. No. – 95, Plot No. 1101 & 1104, Mouza – Dakshin Saripakuri, Village – Dakshin Saripakuri, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal.**

Proposal No.

SIA/WB/MIN/440155/2023

Project Proponent -

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

Environmental Consultant -

M/s. Crystal Consultants

Activity:

- This is a proposal for Dakshin Saripakuri Sand Mine (MIN_JPG_10) over an area of 4.95 ha (12.23 Acres) on the Neora River at J. L. No. – 95, Plot No. 1101 & 1104, Mouza – Dakshin Saripakuri, Village – Dakshin Saripakuri, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept. of ICE Dated 17.03.2023.
- 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 30.05.2023 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	99000	100	99000
2	99000	79	78210
3	99000	79	78210
4	99000	79	78210
5	99000	79	78210
Total geological resource			411840

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	48894	100	48894	48894
2	48894	79	38626.26	38626.26
3	48894	79	38626.26	38626.26
4	48894	79	38626.26	38626.26
5	48894	79	38626.26	38626.26
Total Mineable reserve			203399.04	203399.04

- 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 11.08.2023.
- The PP was called for the EC presentation in the 13th meeting SEAC, WB held on 07.09.2023 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 Jalpaiguri 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 Sindebong Khasmahal Sand Mine (MIN_KPG_2) over an area of 4.04 ha (9.98 Acres) on the Relli River at J. L. No. – 47, Plot No. 2654 (p), Mouza–Sindebong Khasmahal, Village–Sindebong Khasmahal, Block & PS –Kalimpong, District-Kalimpong, West Bengal.

Proposal No.
Project Proponent -

SIA/WB/MIN/440085/2023
M/s. West Bengal Mineral Development &

Trading Corporation Limited.

M/s. Crystal Consultants

Environmental Consultant -

Activity:

- This is a proposal for Sindebong Khasmahal Sand Mine (MIN_KPG_2) over an area of 4.04 ha (9.98 Acres) on the Relli River at J. L. No. – 47, Plot No. 2654 (p), Mouza– Sindebong Khasmahal, Village–Sindebong Khasmahal, Block & PS –Kalimpong, District-Kalimpong, 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 14.07.2023 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	40400	100	40400
2	40400	68.50	27674
3	40400	68.50	27674
4	40400	68.50	27674
5	40400	68.50	27674
Total geological resource			151096

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	28651	100	28651	28651
2	28651	68.50	19625.935	19625.935
3	28651	68.50	19625.935	19625.935
4	28651	68.50	19625.935	19625.935
5	28651	68.50	19625.935	19625.935
Total Mineable reserve			107154.74	107154.74

- 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 11.08.2023.
- The PP was called for the EC presentation in the 13th meeting SEAC, WB held on 07.09.2023 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 Kalimpong 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 Echhay Khasmahal Sand Mine (MIN_KPG_1) over an area of 3.16 ha (7.81 Acres) on the Relli River at J. L. No. – 45, Plot No. 3034(p), Mouza – Echhay Khasmahal, Village – Echhay Khasmahal, Block & PS – Kalimpong, District – Kalimpong, West Bengal.

Proposal No.

SIA/WB/MIN/439952/2023

Project Proponent -

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

Environmental Consultant -

M/s. Crystal Consultants

Activity:

- This is a proposal for Echhay Khasmahal Sand Mine (MIN_KPG_1) over an area of 3.16 ha (7.81 Acres) on the Relli River at J. L. No. – 45, Plot No. 3034(p), Mouza –

Echhay Khasmahal, Village – Echhay Khasmahal, Block & PS – Kalimpong, District – Kalimpong, 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 14.07.2023 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	31600	100	31600
2	31600	68.50	21646
3	31600	68.50	21646
4	31600	68.50	21646
5	31600	68.50	21646
Total geological resource			118184

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	21502	100	21502	21502
2	21502	68.50	14728.87	14728.87
3	21502	68.50	14728.87	14728.87
4	21502	68.50	14728.87	14728.87
5	21502	68.50	14728.87	14728.87
Total Mineable reserve			80417.48	80417.48

- 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 10.08.2023.
- The PP was called for the EC presentation in the 13th meeting SEAC, WB held on 07.09.2023 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 Kalimpong 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) Terms of Reference :

2.1.1) Mining of Minerals:

- I. **Proposed Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. – M-10, 437, 436, J.L. No. - 69, 76, 79, P.S. - Matigara, District: - Darjeeling, West Bengal.**

Proposal No.

SIA/WB/MIN/436818/2023

Project Proponent -

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

**Environmental Consultant -
Activity:**

M/s. Indian Mine Planners and Consultants

- This is a proposal for Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. - M-10, 437, 436, J.L. No. - 69, 76, 79, P.S. - 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 27.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. **But the PP has not uploaded the complete 'Mining Plan with Progressive Mine Closure Plan' at the PARIVESH portal.**
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Total Area (m ²)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	7.53	75300	3.0000	100	225900.00
2	7.53	75300	2.3001	76.67	173197.53
3	7.53	75300	2.3001	76.67	173197.53
4	7.53	75300	2.3001	76.67	173197.53
5	7.53	75300	2.3001	76.67	173197.53
Total Geological reserve (cu.m)					918690.12
Total Geological reserve (c.ft)					3.244 Cr.

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

Year	Total Area (ha)	Total Area (m ²)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
1	5.713	57130	3.0000	100	171390.000
2	5.713	57130	2.3001	76.67	131404.713
3	5.713	57130	2.3000	76.67	131404.713
4	5.713	57130	2.3000	76.67	131404.713
5	5.713	57130	2.3000	76.67	131404.713
Total Mineable reserve (cu.m)					697008.852
Total Mineable reserve (c.ft)					2.461 Cr.

During field survey, it was observed that 30% gravels and pebbles are present within the riverbed.

- 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 informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 15.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. However, since the approved Mining Plan with Progressive Mine Closure Plan has not been completely uploaded, the SEAC recommends that the approved Mining Plan with Progressive Mine Closure Plan should be uploaded by the PP.
- The project proponent uploaded their reply along with the approved Mining Plan with Progressive Mine Closure Plan dated 27.06.2023 in PARIVESH Portal on 21.08.2023, which was considered in the 13th meeting SEAC, WB (2023-2026) held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 - a) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
 - b) A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 - c) A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
 - d) Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 - e) 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.
 - f) A study report on base flow level measured at 5 points with date and supporting photographs should 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.

- g) Management plan of haul road to be submitted.
- h) Sieve analysis report for grain size distribution should be provided.

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

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

II. Proposed riverbed sand mining of MIN_BNK_23 Sand Mine over an area of 8.25 ha (20.38 Acres) on the Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. & Block - Patrasayer, District: Bankura, West Bengal.

Proposal No.: SIA/WB/MIN/424773/2023
Project Proponent: M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant: M/s. Centre for Envotech and Management Consultancy Private Limited.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_23 Sand Mine over an area of 8.25 ha / 20.38 Acres on Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. Block - Patrasayer, District: Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness(m)	Replenishment Rate%	Geological Resource (cu.m)
1	8.25	3	100	247500
2	8.25	2.346	78.20	193545
3	8.25	2.346	78.20	193545
4	8.25	2.346	78.20	193545
5	8.25	2.346	78.20	193545
Total Geological Resource				1021680

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

Year	Average Mineable Area (ha)	Thickness	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual Production (cu.m)
1	6.50	3	100	195000	195000

2	6.50	2.346	78.20	152490	152490
3	6.50	2.346	78.20	152490	152490
4	6.50	2.346	78.20	152490	152490
5	6.50	2.346	78.20	152490	152490
Total Mineable Reserve (cu.m)				804960	804960

- 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 informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 06.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. However, it is observed that the **geo-coordinates of the plot mentioned in the Non-Cluster Certificate is not matching with those mentioned in the Grant Order.**
- Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Modified Non-Cluster Certificate in line with the Grant Order.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 - 5) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at

least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

- The project proponent uploaded their reply in PARIVESH Portal on 09.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
- Based on the submission made by the PP, the committee recommended Terms of Reference for conducting EIA study for the project. **But due to some portal problem, the proposal was not forwarded to SEIAA for ToR and the proposal was forwarded to the PP for additional details sought.**
- The PP uploaded their same reply in the PARIVESH Portal, which was considered by the committee in the 8th meeting SEAC, WB (2023-2026) held on 19.07.2023.
- Based on the submission made by the PP, the committee (SEAC) noted that there is a **mismatch of geo-coordinates mentioned in the Non-Cluster Certificate and Grant Order compared to those mentioned in the approved 'Mining Plan with Progressive Mine Closure Plan'**. Moreover, it is also observed that the non-cluster certificate has been issued by the PP itself.

The SEAC recommended that the PP should submit necessary clarification regarding the above.

- The project proponent uploaded their reply in PARIVESH Portal on 24.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the additional conditions :
 - 1) Study report on base flow level measured at 5 points with date and supporting photographs should be submitted along with the EIA report. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan should also be revised.
 - 2) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s - should be submitted along with the EIA report.

III. Proposed WB_BIR_AJ_A1_B Sand Mine over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal.

Proposal No.	SIA/WB/MIN/418899/2023
Project Proponent -	M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant -	M/s. Centre for Envotech and Management Consultancy Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of WB_BIR_AJ_A1_B Sand Block over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 03.02.2023 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 area (ha)	Thickness(m)	Replenishment Rate %	Geological Resource (cum)
1	26.60	2.5	100	665000
2	26.60	2.5	77.17	513180.50
3	26.60	2.5	77.17	513180.50
4	26.60	2.5	77.17	513180.50
5	26.60	2.5	77.17	513180.50
Total Geological Resource				2717722

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

Year	Avg Minable area (ha)	Thickness(m)	Replenishment Rate %	MR (Cum)	Annual production (Cum)
1	24.24	2.5	100	606000.00	606000.00
2	24.24	1.93	77.17	467650.20	467650.20
3	24.24	1.93	77.17	467650.20	467650.20
4	24.24	1.93	77.17	467650.20	467650.20
5	24.24	1.93	77.17	467650.20	467650.20
The Mineable Reserve				2476600.80	2476600.80

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority. **The allocated sand block forms a cluster with an adjacent block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 18.03.2023.
- The PP was called for the ToR presentation in the 73rd SEAC meeting held on 29.03.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine

Closure Plan did not represent the plot area properly. Therefore, the SEAC recommended that the project proponent should submit the Mining Plan with Progressive Mine Closure Plan with corrected geo-coordinates.

- The project proponent uploaded their reply in PARIVESH Portal on 29.05.2023, which was considered in the 2nd meeting SEAC, WB held on 07.06.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the geo-coordinates mentioned in the approved Mine Plan do not match with the Cluster Certificate. Hence, the PP should submit revised Cluster Certificate with corrected geo-coordinates.
- The project proponent uploaded their reply in PARIVESH Portal on 27.06.2023, which was considered in the 6th meeting SEAC, WB (2023-2026) held on 05.07.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan has been manually erased and corrected without authentication. Therefore, the PP may be requested to submit proper authenticated correction of the geocoordinates in the approved Mine Plan.
- The PP should submit necessary documents/ clarifications sought above to enable the SEAC to consider the project for issuance of ToR.
- The project proponent uploaded their reply in PARIVESH Portal on 26.07.2023, which was considered in the 10th meeting SEAC, WB (2023-2026) held on 02.08.2023.
- Based on the submission made by the PP, the SEAC recommended that the corrections made in the approved Mine plan should be endorsed with full signature of the issuing authority along with designation and stamp.
- The project proponent uploaded their reply in PARIVESH Portal on 22.08.2023, which was considered in the 13th meeting SEAC, WB (2023-2026) held on 07.09.2023.

SEAC Observations and Recommendations:

- The committee considered the reply of the PP dated 22.08.2023 in this meeting and **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
5. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
6. A study report on base flow level measured at 5 points with date and supporting photographs should 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.
7. Management plan of haul road to the public road.
8. Sieve analysis report for grain size distribution should be provided.

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

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

2.2) Environmental Clearance :

2.2.1) Construction Sector :

- I. **Proposed Residential Project of “Sankalpa- III” at Premises No. - 23 MAR-CA/12 to CA/17, Action Area-1, New Town, Dist. - North 24 Parganas, Kolkata – 700156, West Bengal. (Violation Case)**

Proposal No.:	SIA/WB/MIS/293146/2022
Project Proponent:	M/s. West Bengal Infrastructure Development Finance Corporation Ltd.
Environmental Consultant:	M/s. Superintendence Co. of India (P) Ltd.

Activities:

- This is a proposal for construction of residential project comprising of 6 blocks of B+G+15 (2 nos.); B+G+13 (1 no.); B+G+11 (1 no.); G +17 (1 no.); along with club (B+G+2) storied building. The total plot area of the project is 15,073 sqm., Built up Area is 62,170.62 sqm. The project consists of total 274 nos. of flats.

Salient Features of the Project

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

Land Area	15,073 sqm.
Geographical Coordinate	Latitude - 22°34' 46.12"N to 22°34'42.72"N Longitude - 88°27'56.18"E to 88°27' 45.51"E
Expected population	1605 persons
No of Flats and facilities	274 nos. and one club house

Total Water requirement	Total: 243 kLD, Source: WBHIDCO Water Supply
Fresh Water requirement	214 kLD
Waste water treatment	Combined Sewage treatment plant of Sankalpa III is done by NKDA
Waste water recycle	29 kLD
Solid waste disposal	611 kg/Day (Approx)
Total Built-Up Area	62,170.62 sqm.
Ground Coverage	5,531.83 sqm. (36.70%)
Landscape Area	3,022.15 sqm. (20.05%)
Plantation Area	3,022.15 sqm. (20.05%)
Parking area	3,875 sqm. (25.71%)
Pavement and Road Area	2,644.02 sqm. (17.54%)
Plantation Proposed	135 nos.
No of Parking Spaces Proposed	Require: 340 ECS Provided: 344 ECS Open – 155, Covered parking on ground – 21, Basement – 168 = ECU – 344.
Total Power Requirement	Load: 2,032 kVA;
Backup Power	DG Set Capacity : 2x320 kVA,
Project Cost (Rs.)	Rs 10,528 Lacs

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 13.09.2017 (Proposal No. SIA/WB/NCP/22898/2018).
- The PP presented their expansion proposal for Terms of Reference in the 164th SEAC meeting held on 20.11.2018.
- The SEAC recommended the ToR vide Memo no. 715-2N-103/2010(E) dated 10.12.2018.
- The PP had applied online for extension of validity of ToR (Proposal No. SIA/WB/MIS/278503/2022) which was recommended by SEIAA vide Memo No. 1946/EN/T-II-1/031/2018 dated 16.09.2022. The validity of ToR was extended upto 09.12.2022.
- The project site was inspected on 25.07.2018 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 04.05.2023.
- The PP was called for the EC presentation in the 6th meeting of SEAC, WB (2023-2026) held on 05.07.2023 and the PP presented their proposal in this meeting.
- **Considering the presentation made by the PP, along with the report of inspection, the SEAC** observed that the proposed project does not have adequate provision for basic services like rainwater harvesting, organic waste compost facility,

solar power etc. Also, the tree plantation plan approved by the DFO shows that a major portion of the plantation exists over the basement and not on virgin soil.

The SEAC, therefore, made the following observations/ additional conditions based on the presentation of the PP:

Greenbelt:

- i. Landscape and plantation are not the same. A revised approved plantation plan showing the required fraction the plantation only on virgin soil. The plan should mention that area and percentage of the exclusive tree plantation on virgin soil.
- ii. The PP should submit necessary documents regarding compensatory plantation.

Legal / mandatory documents:

- iii. A notarized affidavit as per the enclosed format given.
- iv. Damage Assessment Plan.
- v. Remedial Plan.
- vi. Community Augmentation Plan.
- vii. Authenticated documents for the total project cost.
- viii. Authenticated documents mentioning gross turn-over till date.

Solid Waste

- ix. Organic Waste Compost facility to be provided.

Fire

- x. An updated Fire NOC to be submitted.

Water and wastewater

- xi. Smart flow water meter with totalizer at inlet for fresh water.
- xii. Water demand and waste water generation as shown in the presentation should be revised, based on population calculation as per NBC, 2016.

Rainwater harvesting and recharge

- xiii. Location of rainwater collection tank and its sections should be submitted including its intended use.

Solar PV/ microclimate

- xiv. The solar power generation should be at least 1% of the total connected load for the project. The area for augmenting solar power should be identified and indicated.
- xv. Detailed plan of solar power plant including PV array should be submitted.

Water and wastewater

- xvi. A report on impact of basement on shallow groundwater flow to be submitted.

Social part of EMP

- xvii. Need-based EMP should be separately submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Consents from the beneficiaries are needed.

Display board

- xviii. To be provided with all environmental parameters and beneficiaries of the social part of EMP.

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

- The project proponent uploaded their reply in PARIVESH Portal on 25.08.2023, which was considered in the 13th meeting SEAC, WB (2023-2026) held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that no satisfactory reply has been submitted by the PP with respect to the queries raised. The PP is requested to submit item wise specific reply to the above queries.

II. Proposed Residential Project “Sankalpa Site - II” at Premises No. - 36 MAR (Plot No. BF/1, BF/2, BF/3), Action Area-1, Rajarhat, Newtown, Kolkata, 700156, West Bengal. (Violation Case)

Proposal No.: SIA/WB/MIS/264277/2022
Project Proponent: M/s. West Bengal Infrastructure Development Finance Corporation Limited.
Environmental Consultant: M/s. Superintendence Co. of India (P) Ltd.

Activity:

- This is a proposal for construction of residential project comprising of 2 blocks of B+G+15/19 storied building and 2 blocks of B+G+11/13 storied building along with club (B+G+2). The total plot area of the project is 14,600.50 Sqm., Built up Area is 38,610.515 Sqm. The project consists of total 228 nos. of flats.

Salient Features of the Project

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

Land Area	14,600.50 sqm.
Geographical Coordinate	Latitude - 22°34'52.00"N to 22°34'47.76"N Longitude - 88°27'54.79"E to 88°28' 0.26"E
Expected population	Residential: 1140, staff -57, visitors - 114, club - 158
No of Flats and facilities	228 nos. and one club house
Total Water requirement	219 KLD (Source: WBHIDCO)
Fresh Water requirement	194 KLD
Waste water generated	200 KLD (STP Capacity: 200 KLD)
Waste water reused	25 KLD
Solid waste disposal	504 Kg/Day (Approx) Will be collected in dustbins and sent to municipal vendor
Total Built-Up Area	38,610.515 sqm.
Ground Coverage	6,499.74 sqm. (44.52% of Total land area)
Landscape Area	4,381.61 sqm. (30% of Total land area)
Green belt Area	1899.56 sqm (13.01% of land area) as per DFO approved plantation plan
Parking, Pavement and Road Area	3,719.15 m2 (25.47% of Total land area)

Plantation Proposed	96 no of trees will be planted
No of Parking Spaces Proposed	Require: 334 ECS Provided: 334 EC (Open – 137, Basement – 197)
Total Power Requirement	2,736 kVA, NTESCL supply
Backup Power	2x 230 kVA D.G Sets
Project Cost (Rs.)	Rs. 9296 Lacs (Including land and development charges)

Chronology of Events

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 13.09.2017 (Proposal No. SIA/WB/NCP/22900/2018).
- The PP presented their expansion proposal for Terms of Reference in the 164th SEAC meeting held on 20.11.2018.
- The SEAC recommended the ToR vide Memo no. 674-2N-100/2010(E) dated 03.12.2018.
- The PP had applied online for extension of validity of ToR (Proposal No. SIA/WB/MIS/278136/2022) which was recommended by SEIAA vide Memo No. 1947/EN/T-II-1/030/2018 dated 16.09.2022. The validity of ToR was extended upto 02.12.2022.
- The project site was inspected on 25.07.2018 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 04.05.2023.
- The PP was called for the EC presentation in the 3rd meeting of SEAC, WB held on 14.06.2023 and the PP presented their proposal in this meeting.
- **Considering the presentation made by the PP, along with the report of inspection, the SEAC** observed that the proposed project does not have adequate provision for basic services like rainwater harvesting, organic waste compost facility, solar power etc. Also, the tree plantation plan approved by the DFO mentions that the green belt area is only 13.01% (1899.56 sqm) out of a total plot area of 14600.50 sqm. which is grossly inadequate.

The SEAC, therefore, made the following observations/ additional conditions based on the presentation of the PP:

Greenbelt:

- i. The PP should submit necessary documents regarding compensatory plantation.

Legal documents:

- ii. A notarized affidavit as per the enclosed format given.
- iii. Damage Assessment Plan.
- iv. Remedial Plan.
- v. Community Augmentation Plan.
- vi. Authenticated documents for the total project cost.

- vii. Authenticated documents mentioning gross turn-over till date.

Solid Waste

- viii. Organic Waste Compost facility to be provided.

Fire

- ix. An updated Fire NOC to be submitted.

Water and wastewater

- x. Smart flow water meter with totalizer at inlet for fresh water.
xi. Water demand and waste water generation as shown in the presentation should be revised, based on population calculation as per NBC, 2016.

Social part of EMP

- xii. 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 are needed.

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

- The project proponent uploaded their reply in PARIVESH Portal on 22.08.2023, which was considered in the 13th meeting SEAC, WB (2023-2026) held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that no satisfactory reply has been submitted by the PP with respect to the queries raised. The PP is requested to submit item wise specific reply to the above queries.

2.2.2) Mining of Minerals :

- I. **Proposed Patanerchhat Riverbed Sand & Gravel Mine over an area of 1.52 ha (3.75 Acres) on the Balason River at Mouza-Patanerchhat, J.L. No. - 61, Plot No. 5(P), 8(P), 13(P), 14(P), 15(P), 16(P). P.S. Matigara, Dist. - Darjeeling, West Bengal.**

Proposal No.	SIA/WB/MIN/426791/2023
Project Proponent -	M/s. Shivalaya Enterprises. (Shri Sanjoy Kumar Singh)
Environmental Consultant -	M/s. Ultra-Tech.

Activities:

- This is a proposal for Patanerchhat Riverbed Sand & Gravel Mine over an area of 1.52 ha (3.75 Acres) on the Balason River at Mouza-Patanerchhat, J.L. No. - 61, Plot No. 5(P), 8(P), 13(P), 14(P), 15(P), 16(P). P.S. Matigara, Dist. – Darjeeling, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 29.03.2023 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	GR	Production in m3		Stone Production (80%)	Sand Production (20%)
1	45600	33672		26937.60	6734.40
2	45600	Production after 79% replenishment	26600.88	21280.70	5320.18
3	45600		26600.88	21280.70	5320.18
4	45600		26600.88	21280.70	5320.18
5	45600		26600.88	21280.70	5320.18

- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority.
- The PP **has not 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 20.04.2023.
- The PP was called for the EC presentation in the 2nd meeting of SEAC, WB held on 07.06.2023 and the PP presented their proposal in this meeting.
- The sand block is located in cluster with adjoining sand block. However, the total area of cluster is less than 5 ha. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan & Progressive Mine Closure Plan **falls totally within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district.
- **However, the SEAC observed that the coordinates mentioned in the approved Mine Plan and Cluster Certificate are in a mismatch.**
- Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Revised Cluster Certificate / Mine Plan with corrected geo-coordinates, duly approved by the competent authority.
 - 2) Taking into consideration the replenishment rates reported in the approved DSR for Bankura, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

- 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.
 - 6) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 7) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 31.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC observations and recommendations:

- Based on the submission made by the PP, the SEAC **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) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - b) Status of the need-based activities to be reported during six monthly progress report.
 - c) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - d) 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 Bataliguri Riverbed Sand Mine over an area of 2.70 ha (6.67 Acres) on the Balason River at Mouza - Bataliguri, J.L. No. - 64, Plot No. - 267 – 276 [Minable Plot No. 267(P) & 268(P)], P.S. - Matigara, Dist. - Darjeeling, West Bengal.

Proposal No.

SIA/WB/MIN/424820/2023

Project Proponent -

Smt. Rina Dutta

Environmental Consultant -

M/s. Ultra-Tech.

Activities:

- This is a proposal for Bataliguri Riverbed Sand Mine of Bataliguri Sil 20 Balason Sand Block over an area of 2.70 ha (6.67 Acres) on the Balason River at Mouza - Bataliguri, J.L. No. - 64, Plot No. - 267 – 276 [Minable Plot No. 267(P) & 268(P)], P.S. - Matigara, Dist. - Darjeeling, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 23.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	GR in m3	Production in m3		Stone production (80%)	Sand production (20%)
1	81000	64809		51847.20	12961.80
2	81000	Production after 79% replenishment	51199.11	40959.29	10239.82
3	81000		51199.11	40959.29	10239.82
4	81000		51199.11	40959.29	10239.82
5	81000		51199.11	40959.29	10239.82

- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority.
- The PP **has not 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 05.04.2023.
- The PP was called for the EC presentation in the 2nd meeting of SEAC, WB held on 07.06.2023 and the PP presented their proposal in this meeting.
- The sand block is located in cluster with adjoining sand block.** However, the total area of cluster is less than 5 ha. Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan & Progressive Mine Closure Plan **falls totally within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Taking into consideration the replenishment rates reported in the approved DSR for Bankura, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.
 - 5) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
 - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 30.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC observations and recommendations:

- Based on the submission made by the PP, the SEAC **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) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - b) Status of the need-based activities to be reported during six monthly progress report.
 - c) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - d) 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.

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

Proposal No.: SIA/WB/MIN/424074/2023

Project Proponent: Smt. Nitu Dubey.

Environmental Consultant: M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining over of Antaram Part III sand block an area of 3.80 ha (9.38 Acres) on Mechi River at Mouza- Antaram J.L. No.- 05, Plot No- 8, 23, 25, 32, 72, P.S- Khoribari, Block- Khoribari, Dist- Darjeeling, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 20.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Geological resources (cu.m.)
1	3.80	2.0	76000.00
2	3.80	1.56	59280.00
3	3.80	1.56	59280.00
4	3.80	1.56	59280.00
5	3.80	1.56	59280.00
Total Geological resources (cu.m.)			313120.00

Year	Total Area (ha)	Thickness (m)	Mineable reserves (cu.m.)
1	3.21	2.0	64200.00
2	3.21	1.56	50076.00
3	3.21	1.56	50076.00
4	3.21	1.56	50076.00
5	3.21	1.56	50076.00
Total Mineable reserves (cu.m.)			264504.00

- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority. **The allocated sand block does not form cluster with any adjacent block.**
- The PP has informed that there is no litigation pending against the project.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee observed that the entire plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. But since the PP did not submit all the requisite mandatory documents, the SEAC recommended that the following submission/ clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration:-
 - 1) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
 - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 - 5) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Year wise budget should be provided.
 - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 06.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the PP should submit the following documents:

1. Actual depth of baseflow below river bed in meters at 5 points mentioning date and geographical coordinates.
 2. Revised need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Year wise budget should be provided.
- The project proponent uploaded their reply in PARIVESH Portal on 05.07.2023, which was considered in the 7th meeting SEAC, WB held on 12.07.2023.
 - Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the PP should submit the following documents:
 1. The actual depth of baseflow below river bed in meters at 5 points, mentioning date and geographical coordinates should be submitted (with geo-tagged photographs).
 2. 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 30.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC observed that the PP has not satisfactory reply to the query no. 1. The base flow level should be properly defined.

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.

IV. Proposed Riverbed Sand Mining over an area of 3.17 ha (7.83 Acre) on Jaldhaka River at J.L. No. 15, Plot No. 13631(P), Mouza-Fulbari, P.S. Ghoksadanga, Dist-Coochbehar, West Bengal.

Proposal No.:	SIA/WB/MIN/416789/2023
Project Proponent:	Shri Mukunda Berman.
Environmental Consultant:	M/s. Ultra-Tech.

Activities:

- This is a proposal for riverbed sand mining over an area of 3.17 ha (7.83 Acre) on Jaldhaka River at J.L. No. 15, Plot No. 13631(P), Mouza-Fulbari, P.S. Ghoksadanga, Dist- Coochbehar, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government

on 11.01.2023 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	Replenishment Rate (%)	GR in m3	Mineable Reserve m3	Production in m3
1	100	56760	47300	47300
2	76.8	43591.68	36326.40	36326.40
3	76.8	43591.68	36326.40	36326.40
4	76.8	43591.68	36326.40	36326.40
5	76.8	43591.68	36326.40	36326.40

- 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 not submitted the requisite EC processing fees** as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 04.02.2023.
- The PP was called for the EC presentation in the 69th 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:-
 - Cluster certificate from the competent authority should be submitted.
 - 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.
 - 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.
 - A plan on management and handling of sand during the period of intermediate stock piling should be submitted.

- 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 - 6) A need-based EMP may be prepared in accordance with the MoEFCC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc.) may also be uploaded.
 - 7) A study report on actual depth of baseflow, in metres, below the existing river bed at four corner points and a central point, may be submitted. It should be committed that mining will be done at least 1m above the base flow level, and accordingly, if required, the excavation plan will also be revised.
 - 8) The PP shall deposit one time processing fee as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
 - **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 there is a mismatch of the geo-coordinates mentioned in the Mine Plan and the Cluster Certificate. The PP should submit necessary clarification regarding the above. Also the following documents are to be submitted :
 1. Actual depth of baseflow below river bed in meters at 5 points existing over mentioning date and geographical coordinates.
 2. The annual production envisaged in the mine plan may be revised to conform to the replenishment rate mentioned in the DSR. A revised mine plan, duly approved by the competent authority, may be uploaded.
 - The project proponent uploaded their reply in PARIVESH Portal on 25.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **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) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - b) Status of the need-based activities to be reported during six monthly progress report.

- c) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
- d) 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 Riverbed Sand Mining over an area of 1.21 ha (2.98 Acre) on the Mansai River at J.L. No. 184, Plot No.- 2459(P), 2460(P), Mouza- Bherbheri Manabari, P.S. Mathabhanga, Dist- Coochbehar, West Bengal.

Proposal No.: SIA/WB/MIN/415591/2023

Project Proponent: Shri Ganesh Berman.

Environmental Consultant: M/s. Ultra-Tech.

Activities:

- This is a proposal for riverbed sand mining over an area of 1.21 ha (2.98 Acre) on the Mansai River at J.L. No. 184, Plot No.- 2459(P), 2460(P), Mouza- Bherbheri Manabari, P.S. Mathabhanga, Dist- Coochbehar, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 11.01.2023 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	Replenishment Rate (%)	Geological Reserve in m3	Mineable Reserve m3	Production in m3
1	100	14300	10810.80	10810.80
2	76.8	10982.40	8302.69	8302.69
3	76.8	10982.40	8302.69	8302.69
4	76.8	10982.40	8302.69	8302.69
5	76.8	10982.40	8302.69	8302.69

- 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 not submitted the requisite EC processing fees** as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

Chronology of the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 31.01.2023.

- The PP was called for the EC presentation in the 69th 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) Cluster certificate from the competent authority should be submitted.
 - 2) 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.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
 - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 - 6) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc.) may also be uploaded.
 - 7) A study report on actual depth of baseflow, in metres, below the existing river bed at four corner points and a central point, may be submitted. It should be committed that mining will be done at least 1m above the base flow level, and accordingly, if required, the excavation plan will also be revised.
 - 8) The PP shall deposit one time processing fee as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.
- The project proponent uploaded their reply in PARIVESH Portal on 06.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
- **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 there is a mismatch of the geo-coordinates mentioned in the Mine Plan and the Cluster Certificate. The PP should submit necessary clarification regarding the above. Also the following documents are to be submitted :

1. Actual depth of baseflow below river bed in meters at 5 points existing over mentioning date and geographical coordinates.
 2. The annual production envisaged in the mine plan may be revised to conform to the replenishment rate mentioned in the DSR. A revised mine plan, duly approved by the competent authority, may be uploaded.
- The project proponent uploaded their reply in PARIVESH Portal on 18.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **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) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - b) Status of the need-based activities to be reported during six monthly progress report.
 - c) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - d) 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 Riverbed Sand Mining over an area of 0.24 ha (0.61Acre) on the Dharala River at J.L. No. 01, Plot No. 4488(LR), Mouza- Mahishmuri, P.S. Sitalkuchi, Dist- Coochbehar, West Bengal.

Proposal No.: SIA/WB/MIN/415104/2023

Project Proponent: Jahangir Alam.

Environmental Consultant: M/s. Ultra-Tech.

Activities:

- This is a proposal for riverbed sand mining over an area of 0.24 ha (0.61Acre) on the Dharala River at J.L. No. 01, Plot No. 4488(LR), Mouza- Mahishmuri, P.S. Sitalkuchi, Dist- Coochbehar, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 11.01.2023 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	Replenishment Rate (%)	Geological Reserve in m3	Mineable Reserve m3	Production in m3
1	100	5280	4224	4224
2	76.8	4055.04	3244.03	3244.03
3	76.8	4055.04	3244.03	3244.03
4	76.8	4055.04	3244.03	3244.03
5	76.8	4055.04	3244.03	3244.03

- 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 20.01.2023.
- The PP was called for the EC presentation in the 69th 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 major portion of the plot area for the proposed project (as per the geo-coordinates) mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Coochbehar district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Cluster certificate from the competent authority should be submitted.
 - 2) 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.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done

shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

- 6) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc.) may also be uploaded.
 - 7) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
 - **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 there is a mismatch of the geo-coordinates mentioned in the Mine Plan and the Cluster Certificate. The PP should submit necessary clarification regarding the above. Also the following documents are to be submitted :
 1. Actual depth of baseflow below river bed in meters at 5 points existing over mentioning date and geographical coordinates.
 2. The annual production envisaged in the mine plan may be revised to conform to the replenishment rate mentioned in the DSR. A revised mine plan, duly approved by the competent authority, may be uploaded.
 - The project proponent uploaded their reply in PARIVESH Portal on 19.08.2023, which was considered in the 13th meeting SEAC, WB held on 07.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **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) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - b) Status of the need-based activities to be reported during six monthly progress report.
 - c) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - d) 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.

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the thirteenth meeting held on 07.09.2023 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.	M/s. Ambuja Neotia Healthcare Venture Limited. Proposed extension of Neotia Getwel Multi Specialty Hospital at Uttarayan Township, Matigara, Siliguri, West Bengal. (Violation Category) (Proposal No.: SIA/WB/INFRA2/440525/2023)	Recommended for Terms of Reference under violation category.
1.1) Terms of Reference		
1.1.2) Industry Sector		
I.	M/s. Manbhum Ispat Private Limited. Proposed existing 62,400 TPA Hot Rolling Mill for production of MS Section, MS Angles, Channels, Flats, Square and MS Joists etc. at Survey Plot No. F-5 (JL No. 22, Khatian 4, R.S. Plot No. 1217 and Khatian 753, R.S. Plot No. 1219), Mangalpur Industrial Estate, PO: Raniganj, Distt. Paschim Bardhaman, West Bengal – 713347. (Proposal No.: SIA/WB/IND1/441494/2023)	Additional Details Sought.
1.2) Environmental Clearance		
1.2.1) Construction Sector		
I.	M/s. DTC Projects Pvt. Ltd. Proposed expansion of Housing Complex at Mouza Doulatpur, Block Bishnupur 1, JL No 79, R.S/L.R Dag No. 11, 12, 13, 16, 17, 18, 19, 21, 24, 25, 26, 51, 52, 53, 54, 55, 56, 57, 58, 67, 87, 88, 89, 96, 97, 98, 99 & 709 Diamond Harbour road, PO - Joka, PS – Bishnupur, under Kulerdari Gram Panchayet, Dist South 24 Parganas, West Bengal (VIOLATION CASE). (Proposal No.: SIA/WB/INFRA2/440103/2023)	Additional Details Sought
1.2.2) Industry Sector		
I.	M/s. ONGC Limited, MBA Basin. Proposed Onshore Exploratory drilling of 08 wells in Bengal Onshore OALP-IV Block BP-ONHP-2019/1 situated in East Medinipur and West Medinipur Districts of West Bengal. (Proposal No. SIA/WB/IND2/433074/2023)	Additional Details Sought
1.3) Terms of Reference		
1.3.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed River Bed Sand Mining (Block ID – MIN_EMED_3) over an area of 7.98 ha (19.20 Acres) on the Shilabati River at Plot No.- 72(P), 73(P), 74(P) & 75(P), J.L. No.- 366, Mouza – Kenja, Lakshiapal, Bhagardanga,	Recommended for Terms of Reference

Sl. No.	Name of the unit and Project address	Summary Decision
	Nagadipara & Piasala, P.S.- Garhbeta, Block- Garhbeta-II, District- Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440422/2023)	
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440638/2023)	Additional Details Sought
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440647/2023)	Additional Details Sought
1.4) Environmental Clearance		
1.4.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Paschim Dangapara Sand Mine (MIN_UD_12) over an area of 2.51 ha (6.20 Acres) on the Mahananda River at J. L. No. – 10, Plot No. 36(p), Mouza – Paschim Dangapara, Village – Paschim Dangapara, Block & PS – Chopra, District – Uttar Dinajpur, West Bengal. (Proposal No. SIA/WB/MIN/440454/2023)	Recommended for Environmental Clearance
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Karanjogerya Sand Mine (MIN_WMED_13) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 629, Plot No. 407(p), 408(p) & 409(p), Mouza – Karanjogerya, Village – Karanjogerya, Block & PS – Keshpur, District – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440247/2023)	Recommended for Environmental Clearance
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Gangarampur Sand Mine (MIN_MD_3) over an area of 1.95 ha (4.82 Acres) on the Kalindri River at J. L. No. – 39, Plot No. 58/208, Mouza – Gangarampur, Village – Gangarampur, Block & PS – English Bazar, District – Malda, West Bengal. (Proposal No. SIA/WB/MIN/440161/2023)	Recommended for Environmental Clearance
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Dakshin Saripakuri Sand Mine (MIN_JPG_10)	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	over an area of 4.95 ha (12.23 Acres) on the Neora River at J. L. No. – 95, Plot No. 1101 & 1104, Mouza – Dakshin Saripakuri, Village – Dakshin Saripakuri, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal. (Proposal No. SIA/WB/MIN/440155/2023)	
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Sindebong Khasmahal Sand Mine (MIN_KPG_2) over an area of 4.04 ha (9.98 Acres) on the Relli River at J. L. No. – 47, Plot No. 2654 (p), Mouza– Sindebong Khasmahal, Village–Sindebong Khasmahal, Block & PS –Kalimpong, District-Kalimpong, West Bengal. (Proposal No. SIA/WB/MIN/440085/2023)	Recommended for Environmental Clearance
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Echhay Khasmahal Sand Mine (MIN_KPG_1) over an area of 3.16 ha (7.81 Acres) on the Relli River at J. L. No. – 45, Plot No. 3034(p), Mouza – Echhay Khasmahal, Village – Echhay Khasmahal, Block & PS – Kalimpong, District – Kalimpong, West Bengal. (Proposal No. SIA/WB/MIN/439952/2023)	Recommended for Environmental Clearance
2. Reconsideration Proposals		
2.1) Terms of Reference		
2.1.1) Mining of Minerals sector		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. – M-10, 437, 436, J.L. No. - 69, 76, 79, P.S. - Matigara, District: - Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/436818/2023)	Recommended for Terms of Reference
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed riverbed sand mining of MIN_BNK_23 Sand Mine over an area of 8.25 ha (20.38 Acres) on the Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. & Block - Patrasayer, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424773/2023)	Recommended for Terms of Reference
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed WB_BIR_AJ_A1_B Sand Mine over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/418899/2023)	Recommended for Terms of Reference

Sl. No.	Name of the unit and Project address	Summary Decision
2.2) Environmental Clearance		
2.2.1) Construction Sector		
I.	M/s. West Bengal Infrastructure Development Finance Corporation Ltd. Proposed Residential Project of “Sankalpa- III” at Premises No. - 23 MAR-CA/12 to CA/17, Action Area-1, New Town, Dist. - North 24 Parganas, Kolkata – 700156, West Bengal. (Violation Case) (Proposal No.: SIA/WB/MIS/293146/2022)	Additional Details Sought
II.	M/s. West Bengal Infrastructure Development Finance Corporation Ltd. Proposed Residential Project “Sankalpa Site - II” at Premises No. - 36 MAR (Plot No. BF/1, BF/2, BF/3), Action Area-1, Rajarhat, Newtown, Kolkata, 700156, West Bengal. (Violation Case) (Proposal No.: SIA/WB/MIS/264277/2022)	Additional Details Sought
2.2.2) Mining of Minerals		
I.	M/s. Shivalaya Enterprises. (Shri Sanjoy Kumar Singh) Proposed Patanerchhat Riverbed Sand & Gravel Mine over an area of 1.52 ha (3.75 Acres) on the Balason River at Mouza-Patanerchhat, J.L. No. - 61, Plot No. 5(P), 8(P), 13(P), 14(P), 15(P), 16(P). P.S. Matigara, Dist. - Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/426791/2023)	Recommended for Environmental Clearance
II.	Smt. Rina Dutta Proposed Bataliguri Riverbed Sand Mine over an area of 2.70 ha (6.67 Acres) on the Balason River at Mouza - Bataliguri, J.L. No. - 64, Plot No. - 267 – 276 [Minable Plot No. 267(P) & 268(P)], P.S. - Matigara, Dist. - Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/424820/2023)	Recommended for Environmental Clearance
III.	Smt. Nitu Dubey. (Shri River Bed Sand Mine over an area of 3.80 ha (9.38 Acres) on Mechi River at Mouza- Antaram J.L. No.- 05, Plot No- 8, 23, 25, 32, 72, P.S-Khoribari, Block- Khoribari, Dist- Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/424074/2023)	Additional Details Sought
IV.	Shri Mukunda Berman Proposed Riverbed Sand Mining over an area of 3.17 ha (7.83 Acre) on Jaldhaka River at J.L. No. 15, Plot No. 13631(P), Mouza-Fulbari, P.S. Ghoksadanga, Dist- Coochbehar, West Bengal. (Proposal No.: SIA/WB/MIN/416789/2023)	Recommended for Environmental Clearance
V.	Shri Ganesh Berman Proposed Riverbed Sand Mining over an area of 1.21 ha (2.98 Acre) on the Mansai River at J.L. No. 184, Plot No.- 2459(P), 2460(P), Mouza- Bherbheri Manabari, P.S.	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	Mathabhanga, Dist- Coochbehar, West Bengal. (Proposal No.: SIA/WB/MIN/415591/2023)	
VI.	Jahangir Alam Proposed Riverbed Sand Mining over an area of 0.24 ha (0.61Acre) on the Dharala River at J.L. No. 01, Plot No. 4488(LR), Mouza- Mahishmuri, P.S. Sitalkuchi, Dist- Coochbehar, West Bengal. (Proposal No.: SIA/WB/MIN/415104/2023)	Recommended for Environmental Clearance

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.

Sd/-

Sd/-

(Prof. (Dr.) Anirban Gupta)

Chairman

State Expert Appraisal Committee, West Bengal

(Dr. Pradip Kumar Sikdar)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)

Member

State Expert Appraisal Committee, West Bengal

(Prof. (Dr.) Aniruddha Mukhopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

Sd/-

(Shri Shubhendu Bandyopadhyay)

Member

State Expert Appraisal Committee, West Bengal

(Dr. Rajesh Kumar, IPS)

Secretary

State Expert Appraisal Committee, West Benga

Inspection Report

Inspection Report M/s Neotia Getwel Multispeciality Hospital (A unit of Ambuja Neotia Healthcare Venture Ltd.), Uttorayan, Siliguri, PO & PS-Matigara, Dist-Darjeeling-734010.

In pursuance to the letter of CE, EIM Cell, WBPCB vide memo no-220-2N-377/2023(E) dated 02/05/2023, M/s Neotia Getwel Multispeciality Hospital (A unit of Ambuja Neotia Healthcare Venture Ltd.) was inspected on 16/05/2023. Observations are listed below:-

Points raised by EIM Cell, WBPCB	Findings of inspection
From the sanctioned plan uploaded by the project proponent in the PARIVESH portal, it appears that the built up area of Phase-I & Phase II which are both completed, as submitted by the project proponent during the meeting, exceeds 20000 sq.m. The project proponent has applied for EC for the proposed phase III.	<p>During inspection sanctioned plans have been verified. It is found that:-</p> <p>Built up area of Phase I is= 18555.56 sq. m.</p> <p>Built up area of Phase II is= 1464.475 sq. m.</p> <p>Total built up area of Phase I & Phase II is = 20020.035 sq. m.</p> <p>Built up area of Phase III is= 5616.268 sq. m.</p> <p>Total Built up area of Phase I, Phase II & Phase III is = 25636.303 sq.m.</p> <p>Construction of Phase I & Phase II fully completed and these are operational.</p> <p>Construction of Phase III not yet started.</p> <p>Copies of sanctioned plans are enclosed here.</p>

Photographs taken during inspection on 16/05/2023:



[Signature]
22-05-23
Biswajit Pan
AEE, Siliguri R.O.

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