

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

The 14th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 13th 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.) Suchandra Bardhan	Member, SEAC	Present
4)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
5)	Prof. (Dr.) Indranath Sinha	Member, SEAC	Present
6)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
7)	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 expansion of Hospital Building (500 Bedded) at Joka, Plot no.- 5, 9, 10, 11, 13, 14, 15, 16, 22, 23, 24, 25, 26, 27, 28, L.R. Khatian No.- 316, J.L. No.- 17, Mouza-Sarmaster Chak, P.S.- Bishnupur, Dist.- 24 Parganas (South), West Bengal. (Violation Category)**

Proposal No.:	SIA/WB/INFRA2/443045/2023
Project Proponent:	Bharat Sevashram Sangha.
Environmental Consultant:	M/s. Ultra Tech.

Activity:

- This is a proposal for expansion (2nd Phase) of existing 100 bedded Hospital Building having bed capacity of 400 and a future Nurses' Accommodation block with a total built up area of 38446.17 sqm. The Existing hospital with 100 beds is operational with a total existing built up area of 14,198.91 sqm. Total Land Area = 29380.6046 sqm.

Salient Features of the Project:

- Salient features of the proposed project is given below –

Parameter	Stipulated Conditions (Memo No. -EN/ I341/T-II-1/028/2012)		Existing	Expansion		Total
		Remarks (Revised)		Under Construction	Proposed	
Land Area	29380.6046 sqm	--	-	-	-	29380.6046 sqm

Parameter	Stipulated Conditions (Memo No. -EN/ 1341/T-II-1/028/2012)		Existing	Expansion		Total
		Remarks (Revised)		Under Construction	Proposed	
Block Details	-	-	Hospital : G+5 Canteen : G+1	G+7 storied	G+ 4 storied	1 No. G+5 storied 1 No. G+1 storied 1 No. G+7 storied 1 No. G+4 storied
No. of Beds	Existing – 100 Proposed - 400	--	100	400	-	500
Built Up Area	Existing: 14,529 sq.m. Expansion 36764.16 sq.m.	Existing: 14198.91 sq.m. Expansion 36900.92 sq.m.	-	-	-	-
Built Up Area for F.A.R.	-	-	Hospital: 13733 sqm Canteen: 465.91 sqm Total: 14198.91 sqm	Hospital : 23900.92 sqm	Nurses' Accommodation: 13000 sqm	51099.83 sqm.
Total Construction Area (F.A.R. areas + exemption area of proposed hospital block)	-	-	Hospital: 13733 sqm Canteen: 465.91 sqm Total: 14198.91 sqm	Hospital: 25446.17 sqm	Nurses' Accommodation: 13000 sqm	52645.08 sqm.
Ground Coverage	10615.72 sqm (36.13 % of land)	11067.35 sqm	Hospital: 3124.62 sqm. Canteen: 610.10 sqm. Total: 3734.72 sqm (12.71%)	Hospital: 3850.56 sqm. STP/Waste Disposal/Gas Bank/AC Plant Room: 671.95 sqm. Total: 4522.51 sqm (15.39%)	Nurses' Accommodation: 2810.12 sqm (9.56%)	11067.35 sqm (37.7%)
Total paved area	7160.7 sqm. (24.37%)	--	-	6163.65 sqm. (20.98%)		6163.65 sqm. (20.98%)
Total Green area	6659.89 sqm. (22.668%)	--	-	5878.39 sqm (20.01%)		5878.39 sqm (20.01%)
Service area	-	-	-	967.68 sqm. (3.29%)		967.68 (3.29%)
Open parking area	-	-	-	3206.15 sqm. (10.91%)		3206.15 sqm. (10.91%)
Water body area	2097.39 sqm. (7.14%)	--	-	2097.39 sqm. (7.14%)		2097.39 sqm. (7.14%)
Total water requirement	473 KLD	265 KLD	-	334 KLD		334 KLD
Fresh water Requirement	236 KLD	122 KLD	-	272 KLD		272 KLD
Waste water generated	263.2 KLD	130 KLD	-	240 KLD		240 KLD
Waste water recycled	237 KLD	123.5 KLD	-	42 KLD		42 KLD
Waste water discharge	-	-	-	196 KLD		196 KLD
STP capacity	300 KL	150 KL	-	300 KLD STP		300 KLD STP

Parameter	Stipulated Conditions (Memo No. -EN/1341/T-II-1/028/2012)		Existing	Expansion		Total
		Remarks (Revised)		Under Construction	Proposed	
				& 30 KLD ETP		+ 30 KLD ETP
Solid waste	0.436 Ton/day,	-	-	634 Kg/day		634 Kg/day
Bio Medical Waste	125 kg/day	-	-	188 Kg/day		188 Kg/day
No. of plantation proposed	Proposed - 475 nos. & existing-26 nos.	-	-	480 nos.		480 nos.
No of parking provided	405 nos.(Open-241, Covered-164)	239 Nos. (Open)	18 nos.	247 nos.		265 nos.
Electrical Load	2000 KVA, WBSEDCL	-	300 KVA	900 KVA		1200 KVA
DG Sets	DG set (1 x1000 KVA & 1 x 500 KVA)	2 X750 KVA	1 No. 320 KVA + 1 No. 30 KVA	2 Nos. 1000 KVA		1 X 320 KVA + 1 X 30 KVA + 2 X 1000 KVA
Project Cost (Rs.)	-	-	Rs. 2188 Lakhs	Rs. 10051 Lakhs		Rs. 12239 Lakhs

Chronology of Events:

- The existing hospital has already obtained Consent to Operate from WBPCB vide Memo No. 142-cm-co-e-17-0003 dated 03.02.2017 which was valid upto 31.01.2022.
- Earlier the Project Proponent (PP) had applied for EC on 20.04.2012 and obtained Stipulated Condition for EC from SEIAA vide no EN/1341/T-II-1/028/2012 dated 08/06/2012.
- The PP applied in prescribed format for Terms of Reference under violation category for the project and uploaded the application in the PARIVESH portal on 05.09.2023.
- The PP was called for the ToR presentation in the 14th meeting of SEAC, WB held on 13.09.2023 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) Certified Compliance Report (CCR) as per the Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
- 2) It is observed that the validity period of sanction plan has expired. The PP is requested to revalidate the sanctioned building plan.
- 3) Details of violation portion as per the sanctioned building plan – built up area, building configuration, land area etc.
- 4) Land conversion documents of project land area of 29380.6046 sqm. Summary statement of the land documents should be submitted.
- 5) Notary Affidavit as per the enclosed format given in **Annexure – 1**.

- 6) Damage Assessment Plan.
- 7) Remedial Plan.
- 8) Community Augmentation Plan.
- 9) 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.
- 10) Complete documents from the Kulerdari Gram Panchayat for concurrence regarding solid waste management facility.
- 11) Valid permission from CMOH, Consent to Operate, Hazardous Waste Authorisation, Bio-Medical Waste Authorisation from WBPCB.
- 12) Permission from WBF&ES and Airport Authority of India.

Green belt and plantation

- 13) DFO approved plantation plan for atleast 20% of the project land area.

Water and wastewater:

- 14) Kitchen and laundry water should be included in calculation of water requirement and waste water. Water balance diagram should be revised accordingly.
- 15) PP may use water-efficient fixtures for conservation and management of fresh water.
- 16) Water level in existing borewells, total depth of wells and design of wells to be provided including details of installed pump.
- 17) Piezometer should also be installed with automatic water level monitoring facility.
- 18) Coordinates of borewells and distance between the bore wells in a table and map.
- 19) Details of sludge handling in ETP and STP is necessary. Chlorination may be more effective if it is placed downstream instead of upstream of PSF.
- 20) Watering 480 plants with 42 KL of water daily will be superfluous and will just be damaging and if such excessive watering is continued daily, plants may wilt followed by scorch, leaf fall, dieback and death. For farmyard irrigation and for the purpose of landscaping, requirement of water is much more and the thumb rule with regards to watering a farmyard or a landscape should not be applied in the instant case. Volume of water for daily watering the trees in a place like Joka where soil is poorly drained and naturally wet, may be reduced to its half as proposed and accordingly, water balance diagram may be changed.
- 21) The proponent has plans to use treated wastewater from STP for flushing purposes with dual-plumbing system. This will help to reduce the groundwater abstraction in an area already showing depletion of groundwater reserves due to significant withdrawals. Detailed proposal may be submitted to eliminate any chance of health risks because the wastewater is generated from a healthcare facility.

Miscellaneous

- 22) Provisions of surveillance and monitoring with the help of installation of camera.
- 23) Provisions of exit stairs and evacuation path to descend to a safe floor level in the wake of an emergency.
- 24) Area specific DMP may be submitted in due course.

- 25) Photos of existing condition of the site should be provided.

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

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

1.2) For Environmental Clearance

1.2.1) Construction Sector

- I. **Proposed Mercantile-Assembly Building- “One Victoria” at Premises No – 02-0178, Plot No. CF/2, Action Area-1, Newtown, Kolkata-700156.**

Proposal No. SIA/WB/INFRA2/442212/2023
Project Proponent - M/s. Revera Milk And Foods Private Limited.
Environmental Consultant - M/s. Ultra-Tech.

Activity:

- This is a proposal for Mercantile-Assembly Building comprising of common one layer basement and common ground to 3rd floor which will be dedicated as commercial portion and 4th to 13th Floor there will be 2 residential towers having Built-up area 35689.35 sqm. Land area (as per deed) is 11133.495 Sqm (1.113 ha.).

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 –

Land area (as per deed)	11133.495 Sqm /1.113 Ha
Block details	There will be Common One Layer Basement and common Ground to 3 rd floor which will be dedicated as commercial portion and 4 th to 13 th Floor there will be 2 residential Towers.
Total Built-up area	35689.35 sqm.
Expected Population (as per NBC, 2016)	Total population - 3559 (Residential- 234, Service & Floating - 63, Guest & Service- 315, Commercial – 2947)
Total Water requirement (as per NBC, 2016)	173 KLD
Fresh Water requirement	82 KLD
Source of Water	NKDA supply
Wastewater Generation	127 KLD

STP Capacity	130 KLD MBR Type of STP		
Treated Wastewater Generation	126 KLD (after 1% evaporation loss)		
Treated Wastewater Recycled	91 KLD (to be used in landscaping, flushing, Car Washing & yard washing)		
Wastewater Discharge	35 KLD (after recycling) to NKDA Drain		
Capacity of Rain Water Harvesting Tank	135 KL		
Number of Recharge Pit	8 nos. (As per SEIAA criteria of one recharge pit per 5000 Sqm BUA.)		
Solid Waste Generation & Discharge (operational phase)	Category	Quantity after Proposed Expansion (Kg/day)	
	Biodegradable (40%)	234	
	Non-biodegradable (60%)	351	
	Total	585	
Ground Coverage	3893.89 sqm (34.97%)		
Exclusive Tree Plantation Area with percentage	2228.69 sqm (20.02%)		
Semi Paved Area	539.40 sqm (4.84%)		
Road & Paved Area	3675.73 sqm (33.02 %)		
Green area on basement	39.00 sqm (0.35%)		
Service Area	756.79 sqm (6.80%)		
Power connected load for the project	Electricity (Connected Load)- 4581 KW Source: WBSEDCL		
Solar power plant generation in KW & % of the connected load	50 KW(P) (More than 1%) –Will be transferred to Grid		
No. of Parking spaces Proposed	Required : 321 Provided: 379		
Total no. of trees proposed	186 no of trees to be planted		
Backup Power	1x300 kVA + 2x630 kVA + 2x910 kVA DG sets		
Project cost (Rs.)	Rs. 19998.96 Lakhs		

Chronology of the Events:

- Earlier the PP had applied for EC on 03.05.2018 and obtained stipulated conditions for EC issued by SEIAA No. 3231/EN/T-II-1/033/2018 dt. 27.09.2018.
- The PP applied in prescribed format for EC for the project and uploaded the application in the PARIVESH portal on 28.08.2023.
- The PP was called for the EC presentation in the 14th meeting of SEAC, WB held on 13.09.2023 and the PP present their case in this meeting.

SEAC Observations and Recommendations:

- Based on the application made, documents uploaded / submitted, the committee accepted the final proposal consisting of various environmental parameters and salient

features of the project and **recommended Environmental Clearance** for the proposed project with the following additional conditions :-

Rain water harvesting

- a) The depth of recharge wells should be within medium to coarse sand layer after thorough understanding of the subsurface lithology. The proposal for recharge wells should be modified accordingly. Piezometer should also be installed with automatic water level metering facility. The readings should be submitted with the six-monthly compliance report.

Water and wastewater

- b) Water efficient fixtures should be installed to minimize the fresh water requirement.
- c) Smart flow meters should be installed in inlet, outlet and recycle lines.
- d) Free facility for drinking water within the commercial premises will help to reduce usage of plastic, and plastic pollution.

Miscellaneous

- e) Display board for display of all the environmental parameters and beneficiaries of the social part of EMP should be installed.
- f) OWC with composting facility.
- g) No rooftop garden should be developed in the roofs from where the rainwater recharge is arranged.
- h) Provision of car park exhaust system equipped with Carbon Monoxide sensor may be examined as the basement appears to be closed on all four sides with only one entry and devoid of smoke venting arrangements.

1.3) For Terms of Reference

1.3.1) Mining of Minerals:

- I. **Proposed river bed sand mining (Block ID – WB_BIR_AJ_B2) over an area of 16.78 ha (41.46 Acres) on the Ajay River at JL No. - 85, Plot No. 1903, 1905(P), 1937, Mouza- Paschim Barkola, Brajadihi & Jamalpur, P.S.- Kankartala, Block-Khairasole, District- Birbhum, West Bengal.**

Proposal No.

SIA/WB/MIN/438182/2023

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 – WB_BIR_AJ_B2) over an area of 16.78 ha (41.46 Acres) on the Ajay River at JL No. - 85, Plot No. 1903, 1905(p), 1937, Mouza- Paschim Barkola, Brajadihi & Jamalpur, P.S.- Kankartala, Block-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 31.11.2022. **But the annexure mentioning the geo-coordinates of the plots has not been uploaded.**
- 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 24.07.2023 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 area (ha)	Thickness (m)	Geological Resource (cu.m)
1	16.78	2.5	419500.00
2	16.78	1.92925	323728.15
3	16.78	1.92925	323728.15
4	16.78	1.92925	323728.15
5	16.78	1.92925	323728.15
Total geological resource			1714412.60

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	14.46	2.5	361500.00
2	14.46	1.92925	278969.55
3	14.46	1.92925	278969.55
4	14.46	1.92925	278969.55
5	14.46	1.92925	278969.55
Total Mineable reserve			1477378.2

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

Chronology of Events

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 29.07.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023 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 Birbhum district.

- However, the SEAC decided that the following documents should be uploaded by PP in the PARIVESH portal :-
 1. Grant order along with annexures showing the geo-coordinates of the plots.
 2. Cluster Certificate from the Competent Authority.
 3. NABET accreditation certificate of the consultant.

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

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

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

II. Proposed Katwa Riverbed Sand Mine (MIN_EBUR_13) over an area of 8.58 ha on the Ajay River at Mouza - Churpuni, Plot No - 498, J.L No - 03 P.S. – Katwa, Block - Katwa-I, Dist. – Purba Bardhaman, West Bengal.

Proposal No.	SIA/WB/MIN/438060/2023
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 Katwa Riverbed Sand Mine (MIN_EBUR_13) over an area of 8.58 ha on the Ajay River at Mouza - Churpuni, Plot No - 498, J.L No - 03 P.S. – Katwa, Block - Katwa-I, Dist. – Purba Bardhaman, 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 Area (Ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Geological Resource (m3)
1 st	8.58	85800	3.000	100	257400.00
2 nd	8.58	85800	2.175	72.5	186615.00
3 rd	8.58	85800	2.175	72.5	186615.00
4 th	8.58	85800	2.175	72.5	186615.00
5 th	8.58	85800	2.175	72.5	186615.00
Total GEOLOGICAL RESERVE (Cu.M)					1003860.00
Total GEOLOGICAL RESERVE (Cr. Cft.)					3.545 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 (m ³)
1 st	7.366	73660	3.000	100	220980.00
2 nd	7.366	73660	2.175	72.5	160210.50
3 rd	7.366	73660	2.175	72.5	160210.50
4 th	7.366	73660	2.175	72.5	160210.50
5 th	7.366	73660	2.175	72.5	160210.50
TOTAL MINEABLE RESERVE(Cu.M)					861822.00
TOTAL MINEABLE RESERVE(Cr. Cft)					3.043 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 04.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Purba Bardhaman district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. The project proponent should upload the NABET accreditation certificate of the consultant.
 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 the management and handling of sand during the period of intermediate stockpiling should be submitted.
 4. 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.

5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
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 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.
8. Management plan of haul road to the public road.
9. 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.

III. Proposed Bardhaman - II Riverbed Sand Mine (MIN_EBUR_25) over an area of 6.65 ha (16.4255 Acres) on the Damodar River at JL No. 79, Mouza Becharhat, Plot No. 1632(P), 1620(P) & 1560(P), Block- Bardhaman II, PS – Bardhaman, Dist.- Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/MIN/440154/2023

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 Bardhaman - II Riverbed Sand Mine (MIN_EBUR_25) over an area of 6.65 ha (16.4255 Acres) on the Damodar River at JL No. 79, Mouza Becharhat, Plot No. 1632(P), 1620(P) & 1560(P), Block- Bardhaman II, PS – Bardhaman, Dist.- Purba Bardhaman, 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 Area	Total Area	Thickness	Replenishment	Geological
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	(ha)	(m ²)	(m)	Rate (%)	Resource (cu.m)
1	6.65	66500	2.700	100	179550.0
2	6.65	66500	2.025	75.0	134662.5
3	6.65	66500	2.025	75.0	134662.5
4	6.65	66500	2.025	75.0	134662.5
5	6.65	66500	2.025	75.0	134662.5
Total Geological reserve (cu.m)					718200.0
Total Geological reserve (c.ft)					2.536 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	4.9482	49482	2.700	100	133601.40
2	4.9482	49482	2.025	75.0	100201.05
3	4.9482	49482	2.025	75.0	100201.05
4	4.9482	49482	2.025	75.0	100201.05
5	4.9482	49482	2.025	75.0	100201.05
Total Mineable reserve (cu.m)					534405.60
Total Mineable reserve (c.ft)					1.887 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 14.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Purba Bardhaman district.
- The SEAC recommended that the following documents should be submitted in the PARIVESH portal for further consideration of the application -
 - 1) The committee observed that the area of the plot mentioned in the Project Feasibility Report, Mining Plan with Progressive Mine Closure Plan and Non-Cluster Certificate is 6.65 ha, while the application has been submitted for 9.15 ha. Necessary rectification in this regard should be submitted.

2) NABET accreditation certificate of the consultant.

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 Ausgram - II Sand Mine (MIN_EBUR_24) over an area of 9.15 ha (22.61 Acres) on the Ajay River at Mouza - Malocha Plot No.254(P), 251(P), 201(P) & 263(P), J.L. No. 36 Block: Ausgram II, PS – Burdwan, District: Purba Bardhaman, West Bengal.

Proposal No.	SIA/WB/MIN/440218/2023
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 Ausgram - II Sand Mine (MIN_EBUR_24) over an area of 9.15 ha (22.61 Acres) on the Ajay River at Mouza - Malocha Plot No.254(P), 251(P), 201(P) & 263(P), J.L. No. 36 Block: Ausgram II, PS – Burdwan, District: Purba Bardhaman, 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 Area (ha)	Total Area (m ²)	Thickness (m)	Replenishment Rate (%)	Geological Resource (m ³)
1 st	9.15	91500	3.000	100	274500.0
2 nd	9.15	91500	2.175	72.5	199012.5
3 rd	9.15	91500	2.175	72.5	199012.5
4 th	9.15	91500	2.175	72.5	199012.5
5 th	9.15	91500	2.175	72.5	199012.5
Total Geological Reserve (Cu.m)					1070550.0
Total Geological Reserve (Cr. Cft)					3.780 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 (m ³)
1 st	7.93	79300	3.000	72.5	237900.0

2 nd	7.93	79300	2.175	72.5	172477.5
3 rd	7.93	79300	2.175	72.5	172477.5
4 th	7.93	79300	2.175	72.5	172477.5
5 th	7.93	79300	2.175	72.5	172477.5
Total Mineable Reserve (Cu.M)					927810.0
Total Mineable Reserve (Cr. Cft)					3.276 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 14.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Purba Bardhaman district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. The project proponent should upload the NABET accreditation certificate of the consultant.
 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 the management and handling of sand during the period of intermediate stockpiling should be submitted.
 4. 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.
 5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 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 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.
8. Management plan of haul road to the public road.
9. 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.

- V. Proposed Binpur - I Sand Mine (MIN_JH_04) over an area of 19.90 ha (49.17 Acres) on the Kangshabati River at Mouza: Dayinitikri, Soyersshahi, Balidhuma, Kurchibuipal, Netai, JL. No.: 702, 703, 704, 705, 770, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, West Bengal.**

Proposal No.	SIA/WB/MIN/440201/2023
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 Binpur - I Sand Mine (MIN_JH_04) over an area of 19.90 ha (49.17 Acres) on the Kangshabati River at Mouza: Dayinitikri, Soyersshahi, Balidhuma, Kurchibuipal, Netai, JL. No.: 702, 703, 704, 705, 770, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, 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 (%)	Geological Resource (m3)
1 st	19.90	199000	2.50000	100	497500.00
2 nd	19.90	199000	1.88325	75.33	374766.75
3 rd	19.90	199000	1.88325	75.33	374766.75
4 th	19.90	199000	1.88325	75.33	374766.75

5 th	19.90	199000	1.88325	75.33	374766.75
Total Geological Reserve (Cu.M)					1996567.00
Total Geological Reserve (Cr. Cft)					7.0508 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 (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (m3)
1 st	18.27	182700	2.50000	100	456750.0000
2 nd	18.27	182700	1.88325	75.33	344069.7750
3 rd	18.27	182700	1.88325	75.33	344069.7750
4 th	18.27	182700	1.88325	75.33	344069.7750
5 th	18.27	182700	1.88325	75.33	344069.7750
Total Mineable Reserve (Cu.M)					1833029.10
Total Mineable Reserve (Cr. Cft)					6.4733 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 14.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Jhargram district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping 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.

VI. Proposed Binpur - I Sand Mine (MIN_JH_05) over an area of 10.68 ha (26.39 Acres) on the Kangshabati River at Mouza: Netai, JL. No.: 770, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, West Bengal.

Proposal No.	SIA/WB/MIN/440223/2023
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 Binpur - I Sand Mine (MIN_JH_05) over an area of 10.68 ha (26.39 Acres) on the Kangshabati River at Mouza: Netai, JL. No.: 770, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, 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 (m ³)
1 st	10.68	106800	2.50000	100	267000.00
2 nd	10.68	106800	1.88325	75.33	201131.10
3 rd	10.68	106800	1.88325	75.33	201131.10
4 th	10.68	106800	1.88325	75.33	201131.10
5 th	10.68	106800	1.88325	75.33	201131.10
Total Geological Reserve (Cu. M)					1071524.40
Total Geological Reserve (Cr ft)					3.7840 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 (m ³)
1 st	9.66	96600	2.50000	100	241500.00
2 nd	9.66	96600	1.88325	75.33	181921.95
3 rd	9.66	96600	1.88325	75.33	181921.95
4 th	9.66	96600	1.88325	75.33	181921.95
5 th	9.66	96600	1.88325	75.33	181921.95
Total Mineable Reserve (Cu.M)					969187.80
Total Mineable Reserve (C.Ft)					3.4226 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 15.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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

1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
4. 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.

VII. Proposed Binpur - I Sand Mine (MIN_JH_06) over an area of 11.35 ha (28.05 Acres) on the Kangshabati River at Mouza: Payrabila, Netai, JL. No.: 768, 770; Block - Binpur-I, P.S. – Lalgah; Dist. – Jhargram, West Bengal.

Proposal No.	SIA/WB/MIN/440227/2023
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 Binpur - I Sand Mine (MIN_JH_06) over an area of 11.35 ha (28.05 Acres) on the Kangshabati River at Mouza: Payrabila, Netai, JL. No.: 768, 770; Block - Binpur-I, P.S. – Lalgah; Dist. – Jhargram, 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 (m ³)
1 st	11.35	113500.00	2.50000	100	283750.0000
2 nd	11.35	113500.00	1.88325	75.33	213748.8750
3 rd	11.35	113500.00	1.88325	75.33	213748.8750
4 th	11.35	113500.00	1.88325	75.33	213748.8750
5 th	11.35	113500.00	1.88325	75.33	213748.8750
Total Geological Reserve (Cu.M)					1138745.5000
Total Geological Reserve (C. Ft.)					4.0214 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 (m ³)
1 st	10.164	101640	2.50000	100	254100.0000
2 nd	10.164	101640	1.88325	75.33	191413.5300
3 rd	10.164	101640	1.88325	75.33	191413.5300
4 th	10.164	101640	1.88325	75.33	191413.5300
5 th	10.164	101640	1.88325	75.33	191413.5300
Total Mineable Reserve (Cu.M)					1019754.1200
Total Mineable Reserve (C.Ft.)					3.6012 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 15.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Jhagram district.

- However, the SEAC observed that the plot area mentioned in the Mining Plan with Progressive Mine Closure Plan and Non-Cluster Certificate is 11.35 ha while in the Project Feasibility Report it is mentioned as 19.90 ha. Clarification in this regard should be submitted.
- 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.

VIII. Proposed Datan - I Sand Mine (MIN_WMED_15) over an area of 49.60 ha (122.56 Acres) on the Subarnarekha River at Mouza: Nilpura, JL. No.: 25. Block - Dantan-I, P.S. – Dantan; Dist. – Paschim Medinipur, West Bengal.

Proposal No.	SIA/WB/MIN/440527/2023
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_15) over an area of 49.60 ha (122.56 Acres) on the Subarnarekha River at Mouza: Nilpura, JL. No.: 25. Block - Dantan-I, 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 (m ³)
1 st	49.6	496000	2.5	100	1240000
2 nd	49.6	496000	1.84375	73.75	914500
3 rd	49.6	496000	1.84375	73.75	914500
4 th	49.6	496000	1.84375	73.75	914500
5 th	49.6	496000	1.84375	73.75	914500
Total Geological Reserve (Cu.M)					4898000
Total Geological Reserve (C. Ft.)					17.297287 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 (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (m3)
1 st	47.359	473590	2.5	100	1183975
2 nd	47.359	473590	1.84375	73.75	873181.5625
3 rd	47.359	473590	1.84375	73.75	873181.5625
4 th	47.359	473590	1.84375	73.75	873181.5625
5 th	47.359	473590	1.84375	73.75	873181.5625
Total Mineable Reserve (Cu.M)					4676701.25
Total Mineable Reserve (C. Ft.)					16.5157704 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 16.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 **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.

IX. Proposed Datan - I Sand Mine (MIN_WMED_16) over an area of 19.31 ha (47.716 Acres) on the Subarnarekha River at Mouza- Dakshin Amdiha, JL No- 26; Plot No- 575 (P), Block - Dantan-I, P.S. –Dantan, Dist. –Paschim Medinipur, West Bengal.

Proposal No.	SIA/WB/MIN/440546/2023
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_16) over an area of 19.31 ha (47.716 Acres) on the Subarnarekha River at Mouza- Dakshin Amdiha, JL No- 26; Plot No- 575 (P), Block - Dantan-I, 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. **But the annexure mentioning the geo-coordinates of the plots has not been uploaded.**
- 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 (%)	Geological Resource (m3)

1 st	19.31	193100	2.5	100	482750
2 nd	19.31	193100	1.84375	73.75	356028.125
3 rd	19.31	193100	1.84375	73.75	356028.125
4 th	19.31	193100	1.84375	73.75	356028.125
5 th	19.31	193100	1.84375	73.75	356028.125
Total Geological Reserve (Cu.M)					1906862.5
Total Geological Reserve (C.Ft.)					6.734 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 (m ³)
1 st	17.74	177400	2.5	100	443500
2 nd	17.74	177400	1.84375	73.75	327081.25
3 rd	17.74	177400	1.84375	73.75	327081.25
4 th	17.74	177400	1.84375	73.75	327081.25
5 th	17.74	177400	1.84375	73.75	327081.25
Total Mineable Reserve (Cu.M)					1751825
Total Mineable Reserve (C.Ft.)					6.186 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 04.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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, it is observed that although the PP has submitted Non-Cluster Certificate, the project plot appears to be in cluster with another project (proposal No. SIA/WB/MIN/435762/2023).
- Therefore, the SEAC decided that the following documents should be uploaded by PP in the PARIVESH portal :-
 1. Revised Cluster Certificate from the Competent Authority considering the above observation.
 2. Grant order along with annexures showing the geo-coordinates of the plots.

3. NABET accreditation certificate of the consultant.

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.

- X. Proposed Datan - I Sand Mine (MIN_WMED_17) over an area of 7.47 ha (18.458 Acres) on Subarnarekha River at Mouza: Dakshin Amdiha, JL. No. 26, Plot No –575 (P), Block - Dantan-I, P.S. – Dantan, Dist. – Paschim Medinipur, West Bengal.**

Proposal No.	SIA/WB/MIN/440568/2023
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_17) over an area of 7.47 ha (18.458 Acres) on Subarnarekha River at Mouza: Dakshin Amdiha, JL. No. 26, Plot No –575 (P), Block - Dantan-I, 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 (%)	Geological Resource (m3)
1 st	7.47	74700	2.5	100	186750
2 nd	7.47	74700	1.84375	73.75	137728.125
3 rd	7.47	74700	1.84375	73.75	137728.125
4 th	7.47	74700	1.84375	73.75	137728.125
5 th	7.47	74700	1.84375	73.75	137728.125
Total Geological Reserve (Cu.M)					737662.5
Total Geological Reserve (C.Ft.)					2.605 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 (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve
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					(m3)
1 st	6.65	66500	2.5	100	166250
2 nd	6.65	66500	1.84375	73.75	122609.375
3 rd	6.65	66500	1.84375	73.75	122609.375
4 th	6.65	66500	1.84375	73.75	122609.375
5 th	6.65	66500	1.84375	73.75	122609.375
Total Mineable Reserve (Cu.M)					656687.5
Total Mineable Reserve (C.Ft.)					131337.5

- 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 14th meeting SEAC, WB held on 13.09.2023.

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 although the PP has submitted Non-Cluster Certificate, the project plot appears to be in cluster with another project (proposal No. SIA/WB/MIN/435762/2023). Moreover, page no. 20 in the Mine Plan mentioning the mineable reserves is not uploaded.
- Therefore, the SEAC decided that the following documents should be uploaded by PP in the PARIVESH portal :-
 1. Revised Cluster Certificate from the Competent Authority considering the above observation.
 2. Complete Mining Plan with Progressive Mine Closure Plan.
 3. NABET accreditation certificate of the consultant.

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.

- XI. **Proposed River Bed Sand Mining of MIN_CB_12 over an area of 4.03 ha (9.95 Acres) on the Jaldhaka River at Mouza: Purba Giladanga, J.L. No.: 21, Plot No.: 12, P.S.: Mathabhanga, Block- Mathabhanga I, District: Coochbehar, West Bengal.**

Proposal No. SIA/WB/MIN/442219/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Centre for Envotech and Management Consultancy Private Limited

Activity:

- This is a proposal for River Bed Sand Mining of MIN_CB_12 over an area of 4.03 ha (9.95 Acres) on the Jaldhaka River at Mouza: Purba Giladanga, J.L. No.: 21, Plot No.: 12, P.S.: Mathabhanga, Block- Mathabhanga I, District: Coochbehar, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 04(I/301012/2022)-ICE-12011(99)/27/2022-MINES SEC-Dept of ICE Dated 03.01.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 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)	Total Area (m)	Replenishment Rate (%)	Geological Resource (m3)
1 st	4.03	2.2	100	88660
2 nd	4.03	1.6896	76.8	68090.88
3 rd	4.03	1.6896	76.8	68090.88
4 th	4.03	1.6896	76.8	68090.88
5 th	4.03	1.6896	76.8	68090.88
Total Geological Resource				361023.52

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 (m2)	Replenishment Rate (%)	Mineable Reserve (m3)	Annual Production (Cum)
1 st	3.30	2.2	100	72600	72600
2 nd	3.30	1.6896	76.8	55756.80	55756.80
3 rd	3.30	1.6896	76.8	55756.80	55756.80
4 th	3.30	1.6896	76.8	55756.80	55756.80
5 th	3.30	1.6896	76.8	55756.80	55756.80
Total Mineable Reserve				295627.20	295627.20

- 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 is located in cluster with adjoining 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 30.08.2023.
- The PP was called for the ToR presentation in the 14th meeting SEAC, WB held on 13.09.2023.

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 Coochbehar district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
 4. 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.

1.4) For Environmental Clearance

1.4.1) Mining of Minerals:

- I. **Proposed Teshimla Sand Mine (MIN_JPG_5) over an area of 4.02 ha (9.93 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2240 & 2241, Mouza – Teshimla, Village – Teshimla, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal.**

Proposal No.	SIA/WB/MIN/439925/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants

Activity:

- This is a proposal for Teshimla Sand Mine (MIN_JPG_5) over an area of 4.02 ha (9.93 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2240 & 2241, Mouza – Teshimla, Village – Teshimla, 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 24.04.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Reserve (Cu.m)	Replenishment Rate (%)	Geological Resource (Cu.m)
1	80400	100	80400
2	80400	79	63516
3	80400	79	63516
4	80400	79	63516
5	80400	79	63516
Total Geological Resource			334464

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	Replenishment	Mineable	Annual
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	Inside 7.5m Berm after maintaining 45° slope (Cum)	Rate (%)	Reserve (Cu.m)	Production (Cu.m)
1	65348	100	65348	65348
2	65348	79	51624.92	51624.92
3	65348	79	51624.92	51624.92
4	65348	79	51624.92	51624.92
5	65348	79	51624.92	51624.92
Total Mineable Reserve			271847.68	271847.68

- 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 09.08.2023.
- The PP was called for the EC presentation in the 14th meeting SEAC, WB held on 13.09.2023 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.

II. Proposed Teshimla Sand Mine (MIN_JPG_6) over an area of 1.72 ha (4.25 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2667, 2668, 2669 & 2671, Mouza – Teshimla, Village – Teshimla, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal.

Proposal No. SIA/WB/MIN/439453/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Crystal Consultants

Activity:

- This is a proposal for Teshimla Sand Mine (MIN_JPG_6) over an area of 1.72 ha (4.25 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2667, 2668, 2669 & 2671, Mouza – Teshimla, Village – Teshimla, 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 25.04.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume Of Reserve (Cu.m)	Replenishment Rate (%)	Geological Resource (Cu.m)
1	34400	100	34400
2	34400	79	27176
3	34400	79	27176
4	34400	79	27176
5	34400	79	27176
Total Geological Resource			143104

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 7.5m Berm after maintaining 45° slope (Cu.m)	Replenishment Rate (%)	Mineable Reserve (Cu.m)	Annual Production (Cu.m)
1	24530	100	24530	24530

2	24530	79	19378.70	19378.70
3	24530	79	19378.70	19378.70
4	24530	79	19378.70	19378.70
5	24530	79	19378.70	19378.70
Total Mineable Reserve			102044.80	102044.80

- 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 07.08.2023.
- The PP was called for the EC presentation in the 14th meeting SEAC, WB held on 13.09.2023 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.

- III. **Proposed Purbo Pashunath Sand Mine (MIN_DJ_19) over an area of 3.11 ha (7.68 Acres) on the Mahananda River at J. L. No. – 37, Plot No. 5 & 6, Mouza – Purbo Pashunath, Village – Purbo Pashunath, Block & PS – Matigara, District – Darjeeling, West Bengal.**

Proposal No.

SIA/WB/MIN/439314/2023

Project Proponent -

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

Environmental Consultant -

M/s. Crystal Consultants

Activity:

- This is a proposal for Purbo Pashunath Sand Mine (MIN_DJ_19) over an area of 3.11 ha (7.68 Acres) on the Mahananda River at J. L. No. – 37, Plot No. 5 & 6, Mouza – Purbo Pashunath, Village – Purbo Pashunath, Block & PS – Matigara, District – Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 13.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume Of Reserve(Cum)	Replenishment Rate (%)	Geological Resource
1	93300	100	93300
2	93300	78	72774
3	93300	78	72774
4	93300	78	72774
5	93300	78	72774
Total Geological Resource			384396

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 7.5m Berm After Maintaining 45° Slope (Cu.m)	Replenishment Rate (%)	Mineable Reserve (Cu.m)	Annual Production (Cu.m)
1	71400	100	71400	71400
2	71400	78	55692	55692
3	71400	78	55692	55692
4	71400	78	55692	55692
5	71400	78	55692	55692
Total Mineable Reserve			294168	294168

- 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 05.08.2023.
- The PP was called for the EC presentation in the 14th meeting SEAC, WB held on 13.09.2023 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 Darjeeling district.
- The SEAC observed that the plot area **overlaps with another adjacent project (proposal no. SIA/WB/MIN/424489/2023 of M/s. Ankur Biochem Private Limited)** which was considered in the 2nd meeting of SEAC, 2023-2026 held on 07.06.2023. The PP is requested to submit necessary clarification regarding the above.

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 Phansidewa Sand Mine (MIN_DJ_18) over an area of 1.10 ha (2.72 Acres) on the Chenga River at J. L. No. – 29 & 33, Plot No. 696 & 697 and 135, Mouza – Sastugachh & Tentulguri, Village – Sastugachh & Tentulguri, Block & PS – Phansidewa, District – Darjeeling, West Bengal.

Proposal No.	SIA/WB/MIN/439282/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants

Activity:

- This is a proposal for Phansidewa Sand Mine (MIN_DJ_18) over an area of 1.10 ha (2.72 Acres) on the Chenga River at J. L. No. – 29 & 33, Plot No. 696 & 697 and 135,

Mouza – Sastugachh & Tentulguri, Village – Sastugachh & Tentulguri, Block & PS – Phansidewa, District – Darjeeling, West Bengal.

- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 13.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume Of Reserve (Cu.m)	Replenishment Rate (%)	Geological Resource (Cu.m)
1	24200	100	24200
2	24200	78	18876
3	24200	78	18876
4	24200	78	18876
5	24200	78	18876
Total Geological Resource			99704

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 7.5m Berm After Maintaining 45° Slope (Cu.m)	Replenishment Rate (%)	Mineable Reserve (Cu.m)	Annual Production (Cu.m)
1	14305	100	14305	14305
2	14305	78	11157.90	11157.90
3	14305	78	11157.90	11157.90
4	14305	78	11157.90	11157.90
5	14305	78	11157.90	11157.90
Total Mineable Reserve			58936.60	58936.60

- 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 04.08.2023.
- The PP was called for the EC presentation in the 14th meeting SEAC, WB held on 13.09.2023 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 Darjeeling district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
 - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - c) Status of the need-based activities to be reported during six monthly progress report.
 - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - e) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

2) Reconsideration Proposals :-**2.1) Terms of Reference :****2.1.1) Mining of Minerals:**

- I. **Proposed Ghoradanga sand mine of Sand Block 0121DM023 over an area of 4.75 ha (11.73 Acres) on the Damodar River at J. L. No. – 29, Plot No. 766(P), Vill & Mouza – Ghoradanga, PS & Block - Patrasayer, District – Bankura, West Bengal.**

Proposal No.**SIA/WB/MIN/421901/2023****Project Proponent -****M/s. JHM Import Export Pvt. Ltd.****Environmental Consultant -****M/s. Ultra-Tech.****Activities:**

- This is a proposal for Ghoradanga sand mine of Sand Block 0121DM023 over an area of 4.75 ha (11.73 Acres) on the Damodar River at J. L. No. – 29, Plot No. 766(P), Vill & Mouza – Ghoradanga, PS & Block - Patrasayer, District – Bankura, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 24.05.2018 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	Production of sand in cubic meter / year	Production of sand in cubic feet / year	Production of Sand in Tons/year	Production of Sand in cu.m/day	Production of Sand in cubic feet/day
1	114000	4025864.40	193800.00	570.00	20129.32
2	114000	4025864.40	193800.00	570.00	20129.32
3	114000	4025864.40	193800.00	570.00	20129.32
4	114000	4025864.40	193800.00	570.00	20129.32
5	114000	4025864.40	193800.00	570.00	20129.32

- The PP has uploaded pre-feasibility report for the proposed project.
- The **PP has not uploaded valid Lol.**
- The **PP has not uploaded cluster certificate** from the competent authority.
- The PP has informed that there is no litigation pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 20.03.2023.
 - The PP was called for the ToR presentation in the 2nd meeting of SEAC, WB held on 07.06.2023 and the PP presented their proposal in this meeting.
 - Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan **falls totally within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. But since the PP has not submitted requisite mandatory documents, therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
- 1) Original Lol along with all subsequent letters of validity-extension from the competent authority should be submitted.
 - 2) Cluster certificate from the competent authority should be submitted.
 - 3) 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.

- 4) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted. There should not be any mismatch of data in the Lol and the Mining Plan.
 - 5) 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.
 - 6) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 7) 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.
 - 8) 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.
 - 9) 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 07.09.2023, which was considered in the 14th meeting SEAC, WB (2023-2026) held on 13.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the PP has not submitted satisfactory reply with respect to the queries raised. The PP is requested to submit the mandatory documents mentioned in the earlier query raised.

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

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

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

2.2) Environmental Clearance :**2.2.1) Construction Sector :**

- I. **Proposed Modification and Expansion of an Under Construction Residential Complex of "Utalika" at Premises No. – 405, Borough – 12, JL No. – 21,**

Mukundapur, KMC Ward No. – 109, P.S. – Purba Jadavpur, Kolkata – 700099, Dist. – South 24 Parganas, West Bengal.

Proposal No.

SIA/WB/INFRA2/439277/2023

Project Proponent -

M/s. Bengal Ambuja Housing Development Ltd.

Environmental Consultant -

M/s. Centre for Sustainable Development.

Activity:

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

Total Project Details:

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

Salient Features of the Project:

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

	As per EC obtained vide File No. 2809/EN/T-II-1/022/2012 dated 18/11/2014	After Proposed Modification & Expansion
Land Area	81682.48 sqm. (as per deed)	75,863.73 sq.m (physical land area available)
Built up Area	3,00,925.649 sq.m	3,19,029.100 sq.m
Ground Coverage	26,233.178 sq.m	26,069.82 sqm.
Building Profiles	Tower A – G+25 Tower B – G+25 Tower C–2B+G+19 Tower D – G+25 Tower E – G+25	Tower A – G+25 Tower B – G+25 Tower C – G+33 Tower D – G+25 Tower E – G+25

	As per EC obtained vide File No. 2809/EN/T-II- 1/022/2012 dated 18/11/2014	After Proposed Modification & Expansion
	LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G	LIG & MIG – G+25 HIG Podium – G+3 LIG&MIG Podium– G
No. of Flats	1084	1440
Expected Population	HIG = 2695 persons MIG = 615 persons LIG = 2110 persons Office = 1014 persons Retail = 917 persons Club, Service, Floating = 2100 persons	Residential = 6989 persons Residential Floating = 699 persons Office Staff = 397 persons Retail Staff = 29 persons Retail Visitor = 259 persons Banquet Hall = 391 persons Conference/ Multipurpose Hall = 356 persons Restaurant = 102 persons Guest Room = 76 persons Total = 9298 persons
Total Water Requirement	980 kLD	1113 kLD
Freshwater Requirement	568 kLD (KMC supply)	671 kLD (KMC supply)
Wastewater Generated	840 kLD (to be treated in STP)	804 kLD (to be treated in STP)
Treated Wastewater available from STP	-	788 kLD
Treated Wastewater Recycled	412 kLD	408 kLD
Treated Wastewater Discharged	336 kLD (to Municipal drain)	380 kLD (to KMC)
Solid Waste Generation & Disposal	Generated Quantity - 3.486 TPD Organic Part will be treated in OWC Inorganic Part – KMC Disposal	Generated Quantity – 2.369 TPD Organic Part will be treated in OWC Inorganic Part – KMC Disposal
Internal Road Area	12,417.70 sq.m (15.2% of land area)	12,174.66 sq.m (16.048 % of land area)
Exclusive Tree Plantation Area	16,423.21 sq.m (20.10% of land area)	10,902.786 sq.m (14.371% of land area)
Existing Waterbodies Area	23,008.27 sq.m (28.17% of deed land area)	22,708.50 sq.m (29.933% of land area)
Service Area	-	1045.54 sq.m (1.378 % of land area)
Soft Area	-	-
Open Parking Area	-	362.502 sq.m (0.478 % of land area)

	As per EC obtained vide File No. 2809/EN/T-II- 1/022/2012 dated 18/11/2014	After Proposed Modification & Expansion
Gift Land Area	-	-
Corner Splay (gifted to KMC)	--	34.988 sq.m. (0.046 % of land area)
Covered Area at Ground Level	--	26,069.820 sq.m. (34.364 % of land area)
Hard Scaped Area	--	2271.54 sq.m. (2.994 % of land area)
Deck Area	--	293.392 sq.m. (0.387 % of land area)
Plantation Proposed	1200 nos. big trees and 716 nos. medium and small trees	757 nos.
No. of Parking Spaces Proposed	1751 (open – 51, covered – 1700)	1843 nos.
Power Requirement	12050 kVA (CESC)	14685 kW (CESC)
Project cost (Rs.)	--	Rs. 333.0 crores. (for expansion and modification project for Tower - C)

Chronology of Events:

- The PP had obtained Environmental Clearance for existing phase from SEIAA, West Bengal vide memo no. 2809/EN/T-II-I/022/2012 dated 18.11.2014 for 5 nos. towers of G+25 storied, 1 tower of 2B+G+21, HIG Podium of G+3 storied and LIG podium G having 1088 nos. of flats for residential purpose, 72 nos. office, 72 nos. service apartments retail units, club and other amenities.
- The PP had applied under Terms of Reference on 03.12.2019 for modification and expansion project and change in configuration of existing EC (Proposal No. SIA/WB/NCP/47773/2019).
- The PP had obtained Terms of Reference issued by SEAC, West Bengal vide Memo no. 09-2N-07/2012(E)-PT-I, dated 07.01.2020 and its extension vide Memo no. 18/EN/T-II-I/080/2019 dated 03.01.2023 issued by SEIAA.
- 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 11th meeting of SEAC, WB held on 09.08.2023.
- The PP did not appear before the SEAC for EC presentation. The PP had submitted a letter dated 08.08.2023 that due to unavoidable circumstances they would not be able to present their project before the SEAC and requested for a fresh presentation in the next upcoming SEAC meeting. Therefore, the SEAC decided that the PP may be allowed to present their proposal in the next meeting.
- The PP was called for the EC presentation in the 12th meeting of SEAC, WB held on 23.08.2023 and the PP present their case in this meeting.
- The PP has submitted Certified Compliance Report (CCR) from Sub-Regional Office of MoEF&CC as directed in the Notification issued vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations:

- i. Water treatment plant details and sludge management. Details of filter installed in the rainwater harvesting system
- ii. The status of the need-based activities including financial outlay with respect to the budgetary allocation for this particular expanded portion.
- iii. Piezometer should be installed to monitor the ground water level and quality.
- iv. Metering of all inlet/outlet water/wastewater.
- v. Submission of a cross-sectional drawing showing the connection of a typical recharge pit with the pond.
- vi. Treated waste water meant for discharge should be used for construction of the proposed expansion.
- vii. Static water level of the installed tubewells to be reported in the six monthly progress report.
- viii. Pumping water level after 8 hours of pumping or when the water level reaches steady state condition of the installed tubewells to be reported in the six monthly progress report. Simultaneous pumping of two wells and the resultant drawdown should also be reported in the six monthly progress report.
- ix. Pumping schedule of the wells should also be reported in the six monthly progress report.

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 07.09.2023, which was considered in the 14th meeting SEAC, WB (2023-2026) held on 13.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended Environmental Clearance** for the proposed project with the following additional conditions :-
 - 1) The PP shall install the following :-
 - a) Solar smart meter for recording generation.
 - b) Smart flow water meter with totalizer at inlet for fresh water, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
 - c) Sensor based water quality management system.
 - d) STP with the digital data for inlet / outlet along with discharge quality.
 - e) Ambient air quality monitoring station.
 - f) Ambient noise quality monitoring station.
 - g) Display board for display of all the environmental parameters and social beneficiaries.
 - 2) The PP must ensure that no back flow from the pond should enter into the recharge pits.
 - 3) The treated waste water and the harvested rainwater should be used for new construction.

- 4) No rooftop garden should be developed in the roofs from where the rainwater recharge is arranged.
- 5) Piezometer should be installed with automatic water metering facility.
- 6) Rainwater Harvesting structure should be designed in such a way that no surface water / yard washing runoff can enter into the recharge pits.
- 7) The PP should submit the following along with the six-monthly compliance report :
 - i. As-built drawing for the recharge pit showing all dimensions.
 - ii. Flow meter to be installed at the inlet of STP.
 - iii. Details of STP showing all the components as-built including handling of sludge. Proper log book for STP should be maintained, mentioning the monitoring details of inlet and outlet.
 - iv. Need-based activities for this particular project along with name of beneficiaries and also acknowledgement from the beneficiaries.
 - v. Analysis report of pond water used for rainwater harvesting.

II. Proposed modification & expansion of Residential Complex “Siddha Happyville” at Rajarhat Road, R.S. Dag No. 470(P), 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 489, 490, 491, 492, 493, 494, 495, 496, 497, 499, 500, 501(P), 502(P), 503, 504(P), 506(P), 507(P), 509(P), 526(P), 528 (P), 529(P), 530(P), 531, 532, 533 & 501/716(P) recorded in L.R. Khatian Nos. 2821, 3233, 3281, 3283, 3248, 3285, 3286, 3282, 2849, 2848, 2887, 2846, 3234, 3315, 2855, 2856, 2857, 2858, 2859, 3318, 3317, 3412, 3341, 3340, 2803, 2806, 2805, 2802, 2801, 2800, 2804, 2807, 3302, 3304, 3306, 3301, 3303, 3305, 3312, 2853, 3136, 3307, 3309, 3311, 3310, 3308, 3313, 3411, 3314, 3288, 3287, 2830, 2829, 2828, 2827, 2826, 2825, 2845, 2844, 2843, 2842, 2841, 2840, 2839, 2838, 2837, 2836, 2835, 2834, 2833, 2832, 3240, 2815, 3316, 2854, 2809, 2808, 2814, 2819, 2850, 2851, 2852, 2822, 2823, 2824, 2796, 2797, 2798, 2799, 2816, 2817, 2818, 2810, 2811, 2812, 2813, 2792, 2793, 2794, 2795, 2820, 3073, 3072, 3238, 3236, 3237, 3235, 3239, 3296, 2860, 2861, 2862, 2863, 2864, 3071, 3265, 4092, 3279, 3070, 2866, 2831 & 2865, Mouza: Bhatenda, J.L. No. 28, P.S. Rajarhat, under Rajarhat Bishnupur Gram Panchayat 1,, Dist. - 24 parganas (North), West Bengal.

Proposal No.: SIA/WB/INFRA2/431368/2023
Project Proponent: M/s. Ganesh Tracom Private Limited.
Environmental Consultant: M/s. Centre for Sustainable Development.

Activity:

- This is a proposal for a partially modification and expansion alongwith an addition of a new G+19 storied residential block and horizontal expansion of the MLCP. In the proposed modification & expansion of Phase III, land area is 2180.55 sqm. Built up area of the phase is 16,655.0 sqm. and consisting of 151 nos. of residential flats.
- Phase I of the project had obtained the Environmental Clearance from SEIAA, West Bengal vide memo no. 2704/EN/T-II-I/082/2014 dated 07.12.2016.
- The Phase II of the project had obtained Environmental Clearance vide EC identification no. EC22B039WB130574 dated 22.12.2022 under violation category.

Salient Features of the Project-

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

Project Component	As per the EC vide No.2704/EN/T-II-1/082/2014 dated 07.12.2016 (Phase I)	As per EC vide identification no. EC22B039WB130574 dated 22.12.2022 (Phase I & Phase II)	Proposed Expansion (Phase III)	Total (Phase I + Phase II + Phase III)
Land Area	42547.36 sqm. (as per physical survey)	43219.26 sqm. (as per physical survey)	2,180.55 sqm. (addition of land area)	45,399.81 sqm.
Blocks details	G+14 – 3 nos. G+17 – 2 nos. G+18 – 1 nos. G+19 – 3 nos. B+G+7 storied – 1 no. (MLCP) G+2 storied – 1 no. (club)	G+19 – 9 nos. B+G+7 storied – 1 no. (MLCP) G+2 storied – 1 no. (club)	Additional 1 no. G+19 storied residential building and horizontal expansion of B+G+7 storied MLCP building.	G + 19 storied – 10 nos. B+G+7 storied – 1 no. (MLCP) G+2 storied – 1 no. (club)
No. of Flats	1,215 nos.	1359 nos.	151 nos.	1,510 nos.
Expected population	Residents – 5166 Floating – 500 Service staff – 100 Total – 5766 persons	Residents – 5958 Floating – 579 Service staff – 100 Total – 6637 persons	Residents – 831 Floating – 83 Service staff – 20 Total – 934 persons	Residents – 6789 Floating – 662 Service staff – 120 Total – 7571 persons
Total Water requirement (as per NBC, 2016)	Domestic water required - 714 kLD	725 kLD (Domestic water required - 626 kLD)	81 kLD	806 kLD (Domestic water required - 713 kLD)
Freshwater Requirement	476 kLD (source : groundwater)	417 kLD (source : groundwater)	58 kLD (source : groundwater)	475 kLD (source : groundwater)
Wastewater generated	571 kLD (to be treated in STP)	501 kLD (to be treated in STP)	70 kLD (to be treated in STP)	571 kLD (to be treated in STP)
Wastewater recycled	362 kLD (to be used in flushing, landscaping, car washing etc.)	289 kLD (to be used in flushing, landscaping, car washing etc.)	22 kLD	311 kLD (to be used in flushing, landscaping, car washing etc.)
Treated wastewater discharged	152 kLD (to be discharged to panchayat drain)	202 kLD (to be discharged to panchayat drain)	46 kLD	248 kLD (to be discharged to panchayat drain)
Solid Waste Generation & disposal (as per NBC, 2016)	2.95 TPD (to be disposed off through in-house compost plant and local authority)	3.06 TPD (to be disposed off through in-house compost plant and local authority)	0.428 TPD (to be disposed off through in-house compost plant and local authority)	3.485 TPD (to be disposed off through in-house compost plant and local authority)
Built up Area	1,44,246.78 sqm.	162657.43 sqm.	16,655.0 sqm.	1,79,312.43 sqm.
Ground Coverage	12,086.83 sqm. (28.41%)	12,387.53 sqm. (28.66%)	928.7 sqm.	13,316.23 sqm. (29.175 %)
Building Footprint	--	12306.36 sq.m (28.47% of land area)	--	13,245.55 sqm. (29.175%)
Internal Road Area	--	8599.41 sq.m (19.90% of land area)	--	8,521.81 sqm. (18.771 %)
Paved area	--	1655.30 sq.m (03.83% of land area)	--	2168.41 sqm. (04.776 %)
Semi Paved Area	--	9458.58 sq.m (21.88% of land area)	--	8129.06 sqm. (17.905 %)
Soft Area	5919.96 sqm.	--	--	1248.93 sqm.

Project Component	As per the EC vide No.2704/EN/T-II-1/082/2014 dated 07.12.2016 (Phase I)	As per EC vide identification no. EC22B039WB130574 dated 22.12.2022 (Phase I & Phase II)	Proposed Expansion (Phase III)	Total (Phase I + Phase II + Phase III)
	(13.91 %)			(2.75%)
Exclusive Tree Plantation Area	9360.42 sq.m (22.02% of land area)	8786.92 sq.m (20.33% of land area)	--	9111.29 sqm. (20.07 %)
Other Green Area	--	671.90 sq.m (1.56% of land area)	--	--
Green Area under parking	--	--	--	732.63 sq.m (01.614% of land area)
Service Area	1041.14 sq.m (2.44% of land area)	1411.87 sq.m (3.30% of land area)	--	1911.19 sqm. (4.21 %)
Deck Area	--	152.03 sq.m (0.34% of land area)	--	152.03 sqm. (0.335%)
Swimming Pool Area	--	176.91 sq.m (0.39% of land area)	--	178.91 sqm. (0.394 %)
No. of trees proposed	600 nos.	710 nos.	--	680 nos.
No. of solar lights proposed	93 nos.	Solar power will be harvested following relevant guidelines	--	Solar power will be harvested following relevant guidelines
Total Power demand	2550 kW, WBSEDCL	4,624 kW, WBSEDCL	96 kW, WBSEDCL	4720 kW, WBSEDCL
Solar power plant generation in kW & % of the connected load	At least 40 kW solar power to be generated and utilized excluding standalone solar street lights	1% of total power requirement i.e. 46 kW to be utilized as solar power	--	1% of total power requirement
No. of parking spaces proposed	1011 (Open - 423, Covered - 588)	1261 (Open - 413, Covered - 848)	--	Total 1,290 (Open 358, Covered 372, MLCP 560)
Back up Power	DG sets (4 X 400 + 1 X 160 kVA)	DG sets (3 X 650 + 1 X 380 kVA)	--	DG sets (3 X 650 + 1 X 380 kVA)
Total project cost (Rs.)	Rs. 257.52 crores	288.48 crores	Rs. 46.25 crores	Rs. 334.73 crores

Chronology of the Events:

- The PP had earlier received EC vide No.2704/EN/T-II-1/082/2014 dated 07.12.2016. Thereafter, they had received another EC under violation category vide identification no. EC22B039WB130574 dated 22.12.2022.
- The PP applied in prescribed format for Terms of Reference for the modification and expansion project and uploaded the application in the PARIVESH portal on 03.04.2023 (Proposal No. SIA/WB/INFRA2/424655/2023).
- The PP obtained Terms of Reference issued by SEIAA vide File No. EN/T-II-1/354/2023 dated 10.04.2023.

- The PP applied in prescribed format for Environmental Clearance and uploaded final EIA report for the modification and expansion project and uploaded the application in the PARIVESH portal on 14.06.2023.
- The PP was called for the EC presentation in the 5th meeting of SEAC, WB (2023-2026) held on 28.06.2023 and the PP presented their proposal in this meeting.
- The SEAC noted that the PP had earlier received EC under violation category on 22.12.2022. The present application for expansion was submitted in PARIVESH portal for ToR on 03.04.2023. The PP has also submitted six monthly compliance report on 27.05.2023 for the period from October, 2022 to March, 2023 within six months from last EC granted.
- SEAC made the following observations based on the presentation of the PP:

Land and land use:

1. Salient features of the project clearly mentioning the features of two phases of the project as well as the expansion applied for to be submitted.
2. Details of the additional land procured – individual Dag Nos. of the plots, their present status of conversion and mutation in the name of the project proponent etc. to be submitted.

Rainwater Harvesting :

3. Harvested rainwater should be utilised for the proposed construction activities instead of fresh water.

Water and wastewater:

4. Piezometer should be installed to continuously monitor the groundwater level. The lithological log of the piezometer and ground water level should be submitted with compliance reports.
5. Pumping schedule of the five borewells should be provided.
6. Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
7. Sensor based water quality management system. Data for inlet and discharge water quality of STP should be recorded.

Parking area:

8. Charging points for e-vehicles to be provided as stipulated.

Social part of EMP:

9. The PP will work along with WBPCB for need-based activities. Consent from the beneficiaries and year-wise break-up to be provided wherever possible.

Solar:

10. Solar net meter consumption details should be submitted, showing units generated and exported by/ from the existing roof-top solar PV system.

Solid Waste:

11. Management plan for the non-compostable and inert part of MSW to be submitted.

Miscellaneous:

12. Present photographs of the site clearly showing the exclusive tree plantation area of the earlier phases.
13. Stack heights of DG sets to be raised as per CPCB norms.
14. Consent to operate should be applied for.
15. Big trees should be planted in the green area instead of small shrubs.
16. The IGBC final certificate for the completed phase should be submitted.

Green Belt Development

17. Consent to Operate of the completed part of the project including present status of plantation developed as per EC condition should be submitted.
- The project proponent uploaded their reply in PARIVESH Portal on 04.09.2023, which was considered in the 14th meeting SEAC, WB (2023-2026) held on 13.09.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended Environmental Clearance** for the proposed project with the following additional conditions :-
 - 1) The PP shall install the following :-
 - a) Solar smart meter for recording generation.
 - b) Smart flow water meter with totalizer at inlet for fresh water, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
 - c) Sensor based water quality management system.
 - d) STP with the digital data for inlet / outlet along with discharge quality.
 - e) No rooftop garden should be developed in the roofs from where the rainwater recharge is arranged.
 - f) Ambient air quality monitoring station.
 - g) Ambient noise quality monitoring station.
 - h) Display board for display of all the environmental parameters and social beneficiaries.
 - 2) Piezometer should be installed with automatic water metering facility.
 - 3) No construction should be undertaken on plot nos. 529 and 530, which are yet to be converted. Only tree plantation should be done in the above mentioned plots as specified in the approved plantation plan from DFO.

2.2.2) Industry Sector :

- I. **Proposed expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal.**

Proposal No.:**SIA/WB/INFRA2/406141/2022**

Project Proponent: M/s. Medicare Environmental Management Pvt. Ltd.
Environmental Consultant: M/s. Re Sustainability Solutions Private Limited.

Activities:

- This is a proposal for expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal.

Salient Features of the Project:

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

Land Area	1.0139 acres (4103.11 sq.m)
Greenbelt Development	0.33 acres (33% of land area)
Capacity of plant & equipment	After expansion the project has been designed to treat BMW up to 15 TPD. Key components of the facility after proposed expansion include: a) Incinerators – 700 kg/hr (existing 1 no. x 200 kg/hr and 2 nos. x 250 kg/hr proposed) b) autoclave – 7 TPD (existing 1 no. x 2 TPD and 2 nos. x 2.5 TPD proposed) c) Shredder- 6.5 TPD (existing 1 no. x 60 kg/hr and proposed 1 no. x 5 TPD) d) D.G set – 300 kVA.
Coverage area	Nadia, Murshidabad, Hooghly and North 24 Parganas districts.
Power requirement and Source	300 kW power will be supplied by West Bengal State Electricity Distribution Company Ltd. 300 kVA DG set to be maintained for emergency power backup.
Fresh Water Requirement	45 kLD which will be sourced from West Bengal Industrial Infrastructure Development Corporation (WBIIIDC) water supply
Total water	150 kLD (fresh – 45 kLD & treated – 105 kLD)
Total wastewater generation	120 kLD
Total discharged water	6 kLD (Wastewater to municipal drains)
Manpower	120 persons
Solid waste generation	ETP sludge - 48 MT per annum Incinerator Ash - 96 MT per annum Sterilized plastic - 144 MT per annum
Effluent Treatment Plant (ETP) capacity	180 kLD
Total no. of trees	There are about 70 tall and large trees and also shrubs within the core zone. A total of around 270 trees can be

	grown in addition to the existing trees along the periphery of project boundary, roads, and around the facility site without damaging the existing greenbelt.
Project Cost (Rs.)	Rs. 12 Crores.

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 10.01.2020 (Proposal No. SIA/WB/MIS/47850/2019).
- The PP obtained Terms of Reference issued by SEIAA vide No. 1509/EN/T-II-1/007/2020 dated 12.11.2020.
- Public Hearing of the project was conducted by WBPCB on 11.01.2022.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.05.2023.
- 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.
- SEAC made the following observations / additional conditions based on the presentation of the PP:

Mandatory documents:

1. Certified Compliance Report as per O.M. vide F No. IA3-22/10/2022-IA.III [E 177258] dated 08.06.2022 issued by MoEF and CC.
2. Valid accreditation certificate of the consultant.

Land and land use:

3. Contour map of the area showing depth of the water table.
4. Lay out plan showing all the services including parking area.
5. Land use plan clearly mentioning the area (sqm. & percentage).

Water and wastewater:

6. Disinfection should be shown in the ETP flow diagram. Yard wash/ storm water should go to ETP.
7. Stormwater run-off management plan should be submitted.

Rainwater Harvesting :

8. Plan for rainwater harvesting and use of harvested rainwater to be submitted. No recharge to ground water should be done.
9. The tank to be used for rainwater harvesting should be lined with impervious lining.

Greenbelt:

10. A time bound progressive green belt development plan should be submitted and followed indicating quantitative coverage, plant species, spacing and time frame.

Need-based activities:

11. Area for plantation outside plant area as proposed should be identified.

Miscellaneous:

12. Site photographs with geo-coordinates should be provided.
13. Man power requirement for the project should be commensurate with the existing vis-a vis expansion proposed.

14. Need for expansion for the plant should be justified with projected BMW generation data in coverage area.
15. Disaster/risk management plan should be submitted.

Display board:

16. Display board indicating all environmental parameters and beneficiaries of the need—based activities should be provided.
- The project proponent uploaded their reply in PARIVESH Portal on 05.09.2023, which was considered in the 14th meeting SEAC, WB held on 13.09.2023.

SEAC observations and recommendations:

- The SEAC observed that the PP was issued show-cause notice by the WBPCB vide Memo No. 102(ii)1S-74/2001(Pt. IX) dated 23.12.2022 (**Annexure – 2**), wherein it is mentioned that 1 (one) no. of additional incinerator was found installed without obtaining EC and Consent to Establish, which is a gross violation of EIA Notification, 2006 and its subsequent amendments. Therefore, the SEAC recommended that the present proposal of the PP shall be **rejected and the PP shall apply afresh under violation category**.

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the fourteenth meeting held on 13.09.2023 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.	Bharat Sevashram Sangha. Proposed expansion of Hospital Building (500 Bedded) at Joka, Plot no.- 5, 9, 10, 11, 13, 14, 15, 16, 22, 23, 24, 25, 26, 27, 28, L.R. Khatian No.- 316, J.L. No.- 17, Mouza-Sarmaster Chak, P.S.- Bishnupur, Dist.- 24 Parganas (South), West Bengal. (Violation Category) (Proposal No.: SIA/WB/INFRA2/443045/2023)	Recommended for Terms of Reference under violation category.
1.2) Environmental Clearance		
1.2.1) Construction Sector		
I.	M/s. Revera Milk And Foods Private Limited. Proposed Mercantile-Assembly Building- “One Victoria” at Premises No – 02-0178, Plot No. CF/2, Action Area-1, Newtown, Kolkata-700156. (Proposal No.: SIA/WB/INFRA2/442212/2023)	Recommended for Environmental Clearance
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 – WB_BIR_AJ_B2) over an area of 16.78 ha (41.46 Acres) on the Ajay River at JL No. - 85, Plot No. 1903, 1905(p),	Additional Details Sought

Sl. No.	Name of the unit and Project address	Summary Decision
	1937, Mouza- Paschim Barkola, Brajadihi & Jamalpur, P.S.- Kankartala, Block-Khairasole, District- Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/438182/2023)	
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Katwa Riverbed Sand Mine (MIN_EBUR_13) over an area of 8.58 ha on the Ajay River at Mouza - Churpuni, Plot No - 498, J.L No - 03 P.S. – Katwa, Block - Katwa-I, Dist. – Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/438060/2023)	Recommended for Terms of Reference
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Bardhaman - II Riverbed Sand Mine (MIN_EBUR_25) over an area of 6.65 ha (16.4255 Acres) on the Damodar River at JL No. 79, Mouza Becharhat, Plot No. 1632(P), 1620(P) & 1560(P), Block- Bardhaman II, PS – Bardhaman, Dist.- Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/440154/2023)	Additional Details Sought
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Ausgram - II Sand Mine (MIN_EBUR_24) over an area of 9.15 ha (22.61 Acres) on the Ajay River at Mouza - Malocha Plot No.254(P), 251(P), 201(P) & 263(P), J.L. No. 36 Block: Ausgram II, PS – Burdwan, District: Purba Bardhaman, West Bengal. (Proposal No. SIA/WB/MIN/440218/2023)	Recommended for Terms of Reference
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Binpur - I Sand Mine (MIN_JH_04) over an area of 19.90 ha (49.17 Acres) on the Kangshabati River at Mouza: Dayinitikri, Soyersshahi, Balidhuma, Kurchibuipal, Netai, JL. No.: 702, 703, 704, 705, 770, - Binpur-I, P.S. – Lalgarrh, Dist. – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/440201/2023)	Recommended for Terms of Reference
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Binpur - I Sand Mine (MIN_JH_05) over an area of 10.68 ha (26.39 Acres) on the Kangshabati River at Mouza: Netai, JL. No.: 770, Block - Binpur-I, P.S. – Lalgarrh, Dist. – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/440223/2023)	Recommended for Terms of Reference
VII.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Binpur - I Sand Mine (MIN_JH_06) over an area of 11.35 ha (28.05 Acres) on the Kangshabati River at Mouza: Payrabila, Netai, JL. No.: 768, 770; Block - Binpur-	Additional Details Sought

Sl. No.	Name of the unit and Project address	Summary Decision
	I, P.S. – Lalgah; Dist. – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/440227/2023)	
VIII.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_15) over an area of 49.60 ha (122.56 Acres) on the Subarnarekha River at Mouza: Nilpura, JL. No.: 25. Block - Dantan-I, P.S. – Dantan; Dist. – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440527/2023)	Recommended for Terms of Reference
IX.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_16) over an area of 19.31 ha (47.716 Acres) on the Subarnarekha River at Mouza- Dakshin Amdiha, JL No- 26; Plot No- 575 (P), Block - Dantan-I, P.S. –Dantan, Dist. –Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440546/2023)	Additional Details Sought
X.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_17) over an area of 7.47 ha (18.458 Acres) on Subarnarekha River at Mouza: Dakshin Amdiha, JL. No. 26, Plot No –575 (P), Block - Dantan-I, P.S. – Dantan, Dist. – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440568/2023)	Additional Details Sought
XI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed River Bed Sand Mining of MIN_CB_12 over an area of 4.03 ha (9.95 Acres) on the Jaldhaka River at Mouza: Purba Giladanga, J.L. No.: 21, Plot No.: 12, P.S.: Mathabhanga, Block- Mathabhanga I, District: Coochbehar, West Bengal. (Proposal No. SIA/WB/MIN/442219/2023)	Recommended for Terms of Reference
1.1) Environmental Clearance		
1.4.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Teshimla Sand Mine (MIN_JPG_5) over an area of 4.02 ha (9.93 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2240 & 2241, Mouza – Teshimla, Village – Teshimla, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal. (Proposal No. SIA/WB/MIN/439925/2023)	Recommended for Environmental Clearance
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Teshimla Sand Mine (MIN_JPG_6) over an area of 1.72 ha (4.25 Acres) on the Mal River (a tributary of Neora River) at J. L. No. – 46, Plot No. 2667, 2668, 2669	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	& 2671, Mouza – Teshimla, Village – Teshimla, Block & PS – Mal Bazar, District – Jalpaiguri, West Bengal. (Proposal No. SIA/WB/MIN/439453/2023)	
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Purbo Pashunath Sand Mine (MIN_DJ_19) over an area of 3.11 ha (7.68 Acres) on the Mahananda River at J. L. No. – 37, Plot No. 5 & 6, Mouza – Purbo Pashunath, Village – Purbo Pashunath, Block & PS – Matigara, District – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/439314/2023)	Additional Details Sought
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Phansidewa Sand Mine (MIN_DJ_18) over an area of 1.10 ha (2.72 Acres) on the Chenga River at J. L. No. – 29 & 33, Plot No. 696 & 697 and 135, Mouza – Sastugachh & Tentulguri, Village – Sastugachh & Tentulguri, Block & PS – Phansidewa, District – Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/439282/2023)	Recommended for Environmental Clearance
2. Reconsideration Proposals		
2.1) Terms of Reference		
2.1.1) Mining of Minerals sector		
I.	M/s. JHM Import Export Pvt. Ltd. Proposed Ghoradanga sand mine of Sand Block 0121DM023 over an area of 4.75 ha (11.73 Acres) on the Damodar River at J. L. No. – 29, Plot No. 766(P), Vill & Mouza – Ghoradanga, PS & Block - Patrasayer, District – Bankura, West Bengal. (Proposal No. SIA/WB/MIN/421901/2023)	Additional Details Sought
2.2) Environmental Clearance		
2.2.1) Construction Sector		
I.	M/s. Bengal Ambuja Housing Development Ltd. Proposed Modification and Expansion of an Under Construction Residential Complex of "Utalika" at Premises No. – 405, Borough – 12, JL No. – 21, Mukundapur, KMC Ward No. – 109, P.S. – Purba Jadavpur, Kolkata – 700099, Dist. – South 24 Parganas, West Bengal. (Proposal No.: SIA/WB/INFRA2/439277/2023)	Recommended for Environmental Clearance
II.	M/s. Ganesh Tracom Private Limited. Proposed modification & expansion of Residential Complex "Siddha Happyville" at Rajarhat Road, R.S. Dag No. 470(P), 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 489, 490, 491, 492, 493, 494, 495, 496, 497, 499, 500, 501(P), 502(P), 503, 504(P), 506(P), 507(P), 509(P), 526(P), 528 (P), 529(P), 530(P), 531, 532, 533 & 501/716(P) recorded in L.R. Khatian Nos. 2821, 3233,	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	3281, 3283, 3248, 3285, 3286, 3282, 2849, 2848, 2887, 2846, 3234, 3315, 2855, 2856, 2857, 2858, 2859, 3318, 3317, 3412, 3341, 3340, 2803, 2806, 2805, 2802, 2801, 2800, 2804, 2807, 3302, 3304, 3306, 3301, 3303, 3305, 3312, 2853, 3136, 3307, 3309, 3311, 3310, 3308, 3313, 3411, 3314, 3288, 3287, 2830, 2829, 2828, 2827, 2826, 2825, 2845, 2844, 2843, 2842, 2841, 2840, 2839, 2838, 2837, 2836, 2835, 2834, 2833, 2832, 3240, 2815, 3316, 2854, 2809, 2808, 2814, 2819, 2850, 2851, 2852, 2822, 2823, 2824, 2796, 2797, 2798, 2799, 2816, 2817, 2818, 2810, 2811, 2812, 2813, 2792, 2793, 2794, 2795, 2820, 3073, 3072, 3238, 3236, 3237, 3235, 3239, 3296, 2860, 2861, 2862, 2863, 2864, 3071, 3265, 4092, 3279, 3070, 2866, 2831 & 2865, Mouza: Bhatenda, J.L. No. 28, P.S. Rajarhat, under Rajarhat Bishnupur Gram Panchayat 1,, Dist. - 24 parganas (North), West Bengal. (Proposal No.: SIA/WB/INFRA2/431368/2023)	
2.2.2) Industry Sector		
I.	M/s. Medicare Environmental Management Pvt. Ltd. Proposed expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal. (Proposal No.: SIA/WB/INFRA2/406141/2022)	The present proposal to be rejected and the PP should apply afresh under violation category

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

Sd/-

(Prof. (Dr.) Anirban Gupta)

Chairman

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Indranath Sinha)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Rajesh Kumar, IPS)

Secretary

State Expert Appraisal Committee, West Bengal

ANNEXURE-1

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


I, _____(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

Show Cause Notice



WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Govt. of West Bengal)
Paribesh Bhawan
Bldg. No. 10 A, Block-LA, Sector-III, Bidhannagar
Kolkata - 700 106
Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731
2335-0261 / 8212 / 8213 / 7428 / 5975
Fax : 0091 (033) 2335 6730 / 2813
Website : www.wbpcb.gov.in, e-mail : wbpcbnnet@wbpcb.gov.in

EIM-AISA
27/12/2022

Memo No. *IS-74/2001(Pt. IX)* **Date:** *.12. 2022*

To
M/s. Medicare Environmental Management Pvt. Ltd
'F' Road, Belgachia, Dist. Howrah,
PIN- 711105

File
27/12

Subject:- 'Show Cause' for non-compliances of Bio-medical wastes management Rules, 2016 reg.
Reference:- Inspection carried out by the Board's official at Klayani Facility on 01-12-2022


Sir,

An inspection at your Common Bio-medical Waste Treatment Facility carried out on 01-12-2022 by the official of the West Bengal Pollution Control Board for air & water monitoring and verification of the present compliance status of in-house Bio-medical wastes management system. During inspection the followings non-compliances were observed:-

- Value of PM found as 171.98mg /Nm³ against the permissible standard 50mg/Nm³ in the stack gas of the incinerator and Online Continuous Emission Monitoring System was found in operation without calibration.
- Feeding of Bio-medical Waste through inspection door into Incinerator was observed (Photographs enclosed). Conveyor system for feeding was found in defunct state.
- Effluent Treatment Plant was found in operation without operation of Multi Graded Filter and Activated Carbon Filter.
- Effluent analysis report shows that value of pH- 5.33 (Permissible Limit 6.5 to 9.0), COD-2104.45mg/Litre (Permissible Limit 250mg/Litre), BOD- 163.80mg/Litre (Permissible Limit 30mg/Litre) and TSS- 384.00mg/Litre (Permissible Limit 100mg/Litre) fail to meet the permissible limit.
- Untreated Bio-medical wastes packed in plastic bags were found kept under open sky (Photographs enclosed).
- One number additional Incinerator was found installed without obtaining Environmental Clearance and Consent to Establish (Photographs enclosed).

You are directed to 'Show Cause' for the aforesaid non-compliances and submit action taken report for the aforesaid violations within **10th January, 2023**.

Sd/-
Senior Environmental Engineer
Bio-medical Waste Management Cell



Memo No. 102 (ii) IS-74/2001(Pt. IX)

Date: 23.12.2022

Copy forwarded for information to:-

- i) The Chief Engineer (O & E Cell): Last Technical Hearing was held on 01/11/2022
- ✓ ii) The Chief Engineer (EIM & Planning Cell)
- iii) P. A to the Member secretary, WBPCB

[Signature] 23.12.2022

**Senior Environmental Engineer
Bio-medical Waste Management Cell**

Medicare Environmental Management Pvt. Ltd.
Kalyani, Dist.- Nadia



Pic. 1: Feeding of BMW through inspection door of incinerator



Pic. 2: Feeding of BMW through inspection door of incinerator



Pic. 3: Untreated BMW under open sky



Pic. 4: Untreated BMW under open sky



Pic. 5 : New Incinerator



Pic. 6: APCD of New Incinerator