

**Minutes of the 8<sup>th</sup> meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on July 19, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 8<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 19<sup>th</sup> July, 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**

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

- I. **Proposed construction of a Residential Complex at Plot Nos. – 1487 (P), 1497(P), 1498, 1499(P), 1500(P), 1501 - 1503, 1507 - 1515, 1516(P), 1517(P), at Kadamtala, Khatian No. – 1839 - 1843, 1920 - 1924, Mouza – Baramohan Singh, J.L. No. – 71, Pargana – Patharghata, Asia Highway – 2, Pin – 734011, West Bengal. (Violation Case)**

<b>Proposal No.:</b>	<b>SIA/WB/INFRA2/425246/2023</b>
<b>Project Proponent:</b>	<b>M/s. Smart Vanijya Private Limited.</b>
<b>Environmental Consultant:</b>	<b>M/s. Centre for Sustainable Development.</b>

#### ***Activity***

- This is a proposal for construction of a residential complex comprising of 5 residential blocks and 1 club block over the land of 21,124.495 sq.m. Total built-up area of the project 67,070.32 sq.m.
- The project is being developed in 2 Phases. Phase I of the project consists of 2 nos. of residential blocks of G+3 storied (Block A & C) and 1 no. club block of G+2 storied. Land area for Phase I is 20,464.68 sq.m. and built-up area is 8,469.68 sq.m with 51 nos. of flats.
- In Phase II, an additional land area of 659.815 sq.m has been added to the existing land parcel. In the said phase, 1 no. of G+10 storied (Block B), 2 nos. of G+12 storied (Block E & F) and a common basement below block E & F has been proposed. Also, the residential blocks of Phase I will be vertically expanded from G+3 to G+ 10 storeys. Built up area of Phase II will be 58,600.64 sq.m consisting of 527 nos. of residential flats.

	Phase – I (Existing)	Phase – II	Total Project (Phase I+II)
Land Area	20,464.68 sq.m	Additional 659.815 sq.m	21,124.495 sq.m
Proposed Ground Coverage	2,518.63 sq.m (12.31%)	3,724.84 sq.m	6,243.47 sq.m (29.56%)
Proposed Total Built up Area	8,469.68 sq.m	58,600.64 sq.m	67,070.32 sq.m
No. of Blocks	Residential Blocks - • 2 blocks - G+3  Club Block – • 1 Block - G+2	Residential Blocks - • Vertical expansion of Phase I blocks from G+3 to G+10 • 1 block - G+10 • 2 blocks - B+G+12	Residential Blocks - • 3 blocks - G+10 • 2 blocks - B+G+12 Club Block – • 1 Block - G+2
No. of Flats	51 nos.	527 nos.	578 nos.

### Salient Features of the Project

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

Land Area	21,124.495 sqm.
No. of Flats	578 nos. (2 BHK – 98 & 3 BHK – 480)
No. of Blocks	Residential Blocks – 5 nos. • 3 Residential Blocks - G+10 storied • 2 Residential Blocks - G+12 storied with a common basement • Club Block – 1 no. – G+2 storied
Total Population During Operation	<b>Total = 3,780 persons</b> Residents - 3,370 persons, Residential Floating - 340 persons, Service staff - 70 persons
Total Water requirement	385 kLD (operation stage)
Fresh Water requirement	231 kLD (ground water)
Wastewater Generation	276 kLD (to be treated in STP)
Treated Wastewater generation	271 kLD
Treated Wastewater Recycled	144 kLD (Landscaping, road cleaning & dual plumbing)
Wastewater Discharge	127 kLD (to be discharged to Panchayat Drain)
Solid Waste Generation and discharge	1.04 tonnes per day (to be disposed off through Panchayat & onsite mechanical compost plant)
<b>Proposed Total Built up Area</b>	<b>67,070.32 sqm.</b>
Proposed Ground Coverage	6,243.47 sqm. (29.56% of land area)
Basement Area	3,522.25 sqm. (16.674% of land area)
Internal Road Area	2,210.36 sqm. (10.463% of land area)
Swimming Pool Area	152.47 sqm. (0.722% of land area)
Service Area	1,509.74 sqm. (7.147% of land area)

Open Parking & Walkway Area	929.26 sqm. (4.399% of land area)
Exclusive Tree plantation area	4,967.485 sqm. (23.515% of land area)
Land for Facilities	670.29 sqm. (3.173% of land area)
Total Power Requirement	1,955 kW, Source: WBSEDCL
D.G. Sets for Back Up power	3 nos. of 500 kVA
No. of Parking Space Proposed	509 (open – 93, G.F. covered – 219, Basement – 197)
Solar Energy Utilization	1% of power requirement will be met by utilizing solar energy.

### ***Chronology of Events***

- Earlier the PP had applied for Environmental Clearance *vide* Proposal No. SIA/WB/MIS/131041/2019 dated 23.12.2019 and obtained Stipulated Conditions for Environmental Clearance *vide* letter No. 147/EN/T-II-I/083/2019 dated 17.01.2020.
- The inspection of the project site was conducted by WBPCB on 09.12.2022. It was observed that the project proponent had already initiated construction activities for the proposed project without obtaining Environmental Clearance. Therefore, the SEAC noted that the project proponent has violated the provisions of EIA Notification, 2006 and its amendments.
- 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 07.04.2023.
- The PP was called for the ToR presentation in the 3<sup>rd</sup> meeting of SEAC, WB held on 14.06.2023.
- The PP did not appear before the SEAC for ToR presentation. The SEAC decided that the PP should explain the reasons for its absence.
- The PP submitted their reply in PARIVESH portal on 14.07.2023 requesting to consider their proposal in the 8<sup>th</sup> meeting of SEAC, WB held on 19.07.2023.
- The PP was called for ToR presentation in the 8<sup>th</sup> meeting held on 19.07.2023 and the PP presented their proposal.

### **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/ additional conditions**:

#### **Legal / mandatory documents:**

- 1) Notary Affidavit as per the enclosed format given in **Annexure – 1**.
- 2) Damage Assessment Plan.
- 3) Remedial Plan.
- 4) Community Augmentation Plan.
- 5) Development Agreement.

- 6) Power of Attorney.
- 7) Total cost of the project as well as gross turn over till the date of submission of EC application to be certified by Chartered Accountant.
- 8) Land records showing the current status of conversion and mutation in the name of the PP. Porcha for all the dag nos. should be submitted. A land summary statement showing the individual dag nos., their ownership, area and status of conversion.
- 9) Clearance from PCCF clearly mentioning the distance from Mahananda Wildlife Sanctuary.
- 10) All mandatory documents i.e. Building Permit, Mutation Certificate, AAI Clearance etc. to be uploaded in the PARIVESH portal.
- 11) Recommendation of WBF&ES for the entire project.
- 12) Concurrence from the concerned authority regarding water supply, treated waste water discharge, storm water discharge, solid waste management etc. should be provided.
- 13) All sanctioned drawings, including individual floor plans and sections, land use plan as mentioned in the Notification issued by SEIAA vide No. 2495/EN-T-II/011/2018 dated 17.12.2019.
- 14) Present status of construction of the project clearly showing the violation portion with photographs.

**Land and land use:**

- 15) Land conversion documents for all the dag nos. and ownership in the name of project proponent to be submitted. The project proponent must obtain complete land conversion certificate before application for EC. Summary details in this regard should be submitted.
- 16) Mouza map showing all the dag nos. within the plot area.
- 17) The land use statement shown in the presentation and the uploaded master plan are different. Corrected land use statement should be submitted.
- 18) Revised master plan showing all the services should be submitted.
- 19) While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.

**Water and wastewater:**

- 20) Drainage plan and permission to be submitted.
- 21) The subsurface lithology and design of the bore wells should be submitted.
- 22) A hydrogeological study mentioning the groundwater levels at selected network stations, depth to water level map, water level elevation contour map, and the amount of discharge of groundwater vis-a-vis recharge in the aquifer underlying the project area should be submitted.
- 23) The impact of the basement on the shallow groundwater flow should also be submitted.

**Rainwater harvesting and recharge:**

- 24) Rainwater harvesting by storage and recharge must be restricted to using the rooftop rainwater after first flush. Careful design of the recharge structure must ensure avoiding any other water or runoff entering the recharge structure. Storm water and drainage management plan should be properly shown along with the other services.
- 25) Rainwater harvesting features – RWH tank of capacity one day fresh water requirement and recharge pits as per the Notification issued by SEIAA vide No. 2495/EN-T-II/011/2018 dated 17.12.2019 to be implemented.
- 26) An external services layout plan of the RWH scheme with dimensioned section/s through the harvesting structures showing the flow of rainwater to recharge pits and the overflow to RWH tank mentioning the invert level should be submitted. Details of filter used for rainwater recharge and first-flush arrangement should be submitted.
- 27) The recharge wells should be installed at staggered depths in medium to coarse sand layers. The subsurface lithology and design of each well should be submitted. Regular monitoring and reporting (with periodical compliance reports) of the groundwater level by constructing a piezometer is necessary. The lithology and design of the piezometer should also be submitted.

**Need based activity/social part of EMP:**

- 28) Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted.
- 29) Consents from the beneficiaries of the social part of EMP should be furnished.

**Plantation plan/greenbelt/Biodiversity:**

- 30) A plantation plan to the scale of 1:100 duly approved by the DFO is required to be submitted as per subsection (1) read with subsection (4) of section (9) of WB Trees (Protection and Conservation in Non-Forest Areas) Act, 2006.

**Solar PV/ microclimate:**

- 31) The solar power generation should be at least 1% of the total connected load for the project. Detailed plan of solar power plant including PV array should be submitted.
- 32) Solar smart meter for recording generation.
- 33) Completed microclimatic study showing:
  - Sunshine & shadow analysis and its effect on energy consumption.
  - Air circulation (effect on natural ventilation and wind speed).
  - Day lighting (how dependence on artificial lighting during daytime is affected).

**Solid waste:**

- 34) Concurrence regarding collection of inorganic part of MSW by local municipal authority to be submitted.
- 35) Proposal for organic waste composter.

**Miscellaneous:**

- 36) Comparative statement of the salient features of the project vis a vis the stipulated conditions obtained from SEIAA should be submitted

**Recommendations:** 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.

**The SEAC decided that physical inspection of the project would be conducted to verify the extent of violation.**

## 1.2) For Environmental Clearance

### 1.2.1) Mining of Minerals:

- I. **Proposed Raiganj Sand Mine (MIN\_UD\_2) over an area of 1.62 ha (4.003 acres) in the Nagri River at JL. No. – 01, Plot No. 376, Mouza – Kuliara Anantapur, Village – Kuliara Anantapur, PS – Karandighi, District – Uttar Dinajpur, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/435520/2023</b>
<b>Project Proponent -</b>	<b>M/s. West Bengal Mineral Development &amp; Trading Corporation Limited.</b>
<b>Environmental Consultant -</b>	<b>M/s. Crystal Consultants.</b>

### Activities:

- This is a proposal for Raiganj Sand Mine (MIN\_UD\_2) over an area of 1.62 ha (4.003 acres) in the Nagri River at JL. No. – 01, Plot No. 376, Mouza – Kuliara Anantapur, Village – Kuliara Anantapur, PS – Karandighi, District – Uttar Dinajpur, 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 02.06.2023 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 Volume of the Area (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	24,300	100	24,300

2	24,300	74.67	18,144.81
3	24,300	74.67	18,144.81
4	24,300	74.67	18,144.81
5	24,300	74.67	18,144.81
<b>Total Geological Resource</b>			<b>96,879.24</b>

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

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	15,777	100	15,777	15,777
2	15,777	74.67	11,780.6859	11,780.6859
3	15,777	74.67	11,780.6859	11,780.6859
4	15,777	74.67	11,780.6859	11,780.6859
5	15,777	74.67	11,780.6859	11,780.6859
<b>Total Mineable Reserve</b>			<b>62,899.7436</b>	<b>62,899.7436</b>

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

#### **Chronology of Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 04.07.2023.
- The PP was called for the EC presentation in the 8<sup>th</sup> meeting SEAC, WB held on 19.07.2023 and the PP presented their proposal in this meeting.

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

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Uttar Dinajpur district.
- The SEAC recommended that in addition to the standard EC conditions the 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) Status of the need-based activities to be reported during six monthly progress report.

- c) Basic amenities, safety and occupational health examinations for labourers to be provided.
- d) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**Recommendations:**

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC **recommended that EC may be granted** to the proposed project. In addition to the standard EC conditions, the additional conditions listed above may be included. Status of the compliance of the conditions stipulated may be furnished as a part of the six monthly compliance report.

**II. Proposed Betgara Sand Mine (MIN\_JPG\_14) over an area of 2.97 ha (7.34 acres) in the Jaldhaka River at J. L. No. – 48, Plot No. 1597, Mouza – Betgara, Village – Betgara, PS – Maynaguri, District – Jalpaiguri, West Bengal.**

**Proposal No.:** SIA/WB/MIN/435402/2023  
**Project Proponent:** M/s. West Bengal Mineral Development and Trading Corporation Limited.  
**Environmental Consultant:** M/s. Crystal Consultants.

**Activities:**

- This is a proposal for Betgara Sand Mine (MIN\_JPG\_14) over an area of 2.97 ha (7.34 acres) in the Jaldhaka River at J. L. No. – 48, Plot No. 1597, Mouza – Betgara, Village – Betgara, PS – Maynaguri, 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' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 13.06.2023 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 Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	74,250	100	74,250
2	74,250	80	59,400
3	74,250	80	59,400
4	74,250	80	59,400
5	74,250	80	59,400
<b>Total Geological Resource</b>			<b>3,11,850</b>

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

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	58,134	100	58,134	58,134
2	58,134	80	46,507.20	46,507.20
3	58,134	80	46,507.20	46,507.20
4	58,134	80	46,507.20	46,507.20
5	58,134	80	46,507.20	46,507.20
<b>Total Mineable Reserve</b>			<b>2,44,162.80</b>	<b>2,44,162.80</b>

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

#### **Chronology of Events**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 02.07.2023.
- The PP was called for the EC presentation in the 8<sup>th</sup> meeting SEAC, WB held on 19.07.2023 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 SEAC recommended that in addition to the standard EC conditions the 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) Status of the need-based activities to be reported during six monthly progress report.
  - c) Basic amenities, safety and occupational health examinations for labourers to be provided.
  - d) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during

the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

#### **Recommendations:**

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC **recommended that EC may be granted** to the proposed project. In addition to the standard EC conditions, the additional conditions listed above may be included. Status of the compliance of the conditions stipulated may be furnished as a part of the six monthly compliance report.

### **III. Proposed Puncha Sand Mine (MIN\_PUR\_7) over an area of 1.76 ha (4.34 acres) in the Kangshabati River at J. L. No. – 39, Plot No. 2774 (p), Mouza – Kaira, Village – Kaira, Police Station – Puncha, District – Purulia, West Bengal.**

**Proposal No.:** SIA/WB/MIN/435391/2023  
**Project Proponent:** M/s. West Bengal Mineral Development and Trading Corporation Limited.  
**Environmental Consultant:** M/s. Crystal Consultants.

#### **Activities:**

- This is a proposal for Puncha Sand Mine (MIN\_PUR\_7) over an area of 1.76 ha (4.34 acres) in the Kangshabati River at J. L. No. – 39, Plot No. 2774 (p), Mouza – Kaira, Village – Kaira, PS – Puncha, District – Purulia, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 04(1/351012/2022)-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' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 11.04.2023 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	35,200	100	35,200
2	35,200	74.27	26,143.04
3	35,200	74.27	26,143.04
4	35,200	74.27	26,143.04
5	35,200	74.27	26,143.04
<b>Total Geological Resource</b>			<b>1,39,772.16</b>

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

Year	Total Volume	Replenishment	Minable	Annual
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	Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Rate (%)	Reserve (cu.m)	Production (cu.m)
1	24,484	100	24,484	24,484
2	24,484	74.27	18,184.2668	18,184.2668
3	24,484	74.27	18,184.2668	18,184.2668
4	24,484	74.27	18,184.2668	18,184.2668
5	24,484	74.27	18,184.2668	18,184.2668
<b>Total Mineable Reserve (cu.m)</b>			<b>97,221.0672</b>	<b>97,221.0672</b>

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

#### ***Chronology of Events***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.06.2023.
- The PP was called for the EC presentation in the 8<sup>th</sup> meeting SEAC, WB held on 19.07.2023 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 Purulia district.
- The SEAC recommended that in addition to the standard EC conditions the 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) Status of the need-based activities to be reported during six monthly progress report.
  - c) Basic amenities, safety and occupational health examinations for labourers to be provided.
  - d) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in

that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**Recommendations:**

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC **recommended that EC may be granted** to the proposed project. In addition to the standard EC conditions, the additional conditions listed above may be included. Status of the compliance of the conditions stipulated may be furnished as a part of the six monthly compliance report.

**IV. Proposed Char Churabhandar Sand Mine (MIN\_JPG\_16) over an area of 4.84 ha (11.96 acres) in the Jaldhaka River at J. L. No. – 83, Plot No. 1101, Mouza – Char Churabhandar, Village – Char Churabhandar, Police Station – Maynaguri, District – Jalpaiguri, West Bengal.**

**Proposal No.:** SIA/WB/MIN/435381/2023  
**Project Proponent:** M/s. West Bengal Mineral Development and Trading Corporation Limited.  
**Environmental Consultant:** M/s. Crystal Consultants.

**Activities:**

- This is a proposal for Char Churabhandar Sand Mine (MIN\_JPG\_16) over an area of 4.84 ha (11.96 acres) in the Jaldhaka River at J. L. No. – 83, Plot No. 1101, Mouza – Char Churabhandar, Village – Char Churabhandar, Police Station – Maynaguri, 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' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 13.06.2023 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 Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	1,21,000	100	1,21,000
2	1,21,000	80	96,800
3	1,21,000	80	96,800
4	1,21,000	80	96,800
5	1,21,000	80	96,800
<b>Total Geological Resource</b>			<b>5,08,200</b>

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

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	99,748	100	99,748	99,748
2	99,748	80	79,798.40	79,798.40
3	99,748	80	79,798.40	79,798.40
4	99,748	80	79,798.40	79,798.40
5	99,748	80	79,798.40	79,798.40
<b>Total Mineable Reserve (cu.m)</b>			<b>4,18,941.60</b>	<b>4,18,941.60</b>

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

#### ***Chronology of Events***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 01.07.2023.
- The PP was called for the EC presentation in the 8<sup>th</sup> meeting SEAC, WB held on 19.07.2023 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 SEAC recommended that in addition to the standard EC conditions the 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) Status of the need-based activities to be reported during six monthly progress report.
  - c) Basic amenities, safety and occupational health examinations for labourers to be provided.
  - d) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in

that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

**Recommendations:**

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC **recommended that EC may be granted** to the proposed project. In addition to the standard EC conditions, the additional conditions listed above may be included. Status of the compliance of the conditions stipulated may be furnished as a part of the six monthly compliance report.

**V. Proposed Dhaolaguri Sand Mine (MIN\_JPG\_15) over an area of 4.69 ha (11.59 acres) in the Jaldhaka River at J. L. No. – 76, Plot No. 2067, Mouza – Dhaolaguri, Village – Dhaolaguri, Police Station – Maynaguri, District – Jalpaiguri, West Bengal.**

**Proposal No.:** SIA/WB/MIN/435269/2023

**Project Proponent:** M/s. West Bengal Mineral Development and Trading Corporation Limited.

**Environmental Consultant:** M/s. Crystal Consultants.

**Activities:**

- This is a proposal for Dhaolaguri Sand Mine (MIN\_JPG\_15) over an area of 4.69 ha (11.59 acres) in the Jaldhaka River at J. L. No. – 76, Plot No. 2067, Mouza – Dhaolaguri, Village – Dhaolaguri, Police Station – Maynaguri, 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' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 13.06.2023 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 Volume of Reserve (cu.m)	Replenishment Rate%	Geological Resource (cu.m)
1	1,17,250	100	1,17,250
2	1,17,250	80	93,800
3	1,17,250	80	93,800
4	1,17,250	80	93,800
5	1,17,250	80	93,800
<b>Total Geological Resource</b>			<b>4,92,450</b>

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

Year	Total Volume of Mineable Reserve	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
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	(cu.m)			
1	98,132	100	98,132	98,132
2	98,132	80	78,505.60	78,505.60
3	98,132	80	78,505.60	78,505.60
4	98,132	80	78,505.60	78,505.60
5	98,132	80	78,505.60	78,505.60
<b>Total Mineable Reserve (cu.m)</b>			<b>4,12,154.40</b>	<b>4,12,154.40</b>

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

#### ***Chronology of Events:***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 30.06.2023.
- The PP was called for the EC presentation in the 8<sup>th</sup> meeting SEAC, WB held on 19.07.2023 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 SEAC recommended that in addition to the standard EC conditions the 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) Status of the need-based activities to be reported during six monthly progress report.
  - c) Basic amenities, safety and occupational health examinations for labourers to be provided.
  - d) To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports.

#### ***Recommendations:***

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC

recommended that EC may be granted to the proposed project. In addition to the standard EC conditions, the additional conditions listed above may be included. Status of the compliance of the conditions stipulated may be furnished as a part of the six monthly compliance report.

## 2) Reconsideration Proposals :-

### 2.1) Terms of Reference:

#### 2.1.1) Mining of Minerals:

- I. **Proposed Riverbed Sand Mining (MIN\_BNK\_52) over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766, 1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/424978/2023</b>
<b>Project Proponent -</b>	<b>M/s. West Bengal Mineral Development &amp; Trading Corporation Limited.</b>
<b>Environmental Consultant -</b>	<b>M/s. RSP Green Development &amp; Laboratories Pvt. Ltd.</b>

#### **Activities:**

- This is a proposal for riverbed sand mining of MIN\_BNK\_52 Sand Mine over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766, 1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.03.2023 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 :-

<b>Year</b>	<b>Total Area (ha)</b>	<b>Thickness (m)</b>	<b>Geological Resources (cu.m)</b>
1	8.71	2.50	217775.00
2	8.71	1.955	170280.50
3	8.71	1.955	170280.50
4	8.71	1.955	170280.50
5	8.71	1.955	170280.50
<b>Total geological resources</b>			<b>898897.00</b>

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

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	7.12	2.50	178000.00
2	7.12	1.955	139196.00
3	7.12	1.955	139196.00
4	7.12	1.955	139196.00
5	7.12	1.955	139196.00
<b>Total Mineable Reserve</b>			<b>734784.00</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### ***Chronology of the Events:***

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 30.03.2023.
- The PP was called for the ToR presentation in the 75<sup>th</sup> SEAC meeting held on 19.04.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **does not fall entirely within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. It is observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan does not match with the Non-Cluster Certificate. Also, the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
  - 1) Modified Mining Plan with Progressive Mine Closure Plan in accordance with the Non-Cluster Certificate from the competent authority.
  - 2) Grant order for the plot specifying the geo-coordinates.
  - 3) 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.
  - 4) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  - 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 6) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If

no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

- 7) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s
  - 8) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 4<sup>th</sup> meeting SEAC, WB (2023-2026) held on 21.06.2023.
  - Based on the submission made by the PP, the committee observed that the PP has still not submitted satisfactory reply to the queries raised, especially regarding point no. 8 that required submission of a study report on base flow level measured at 5 points with date and supporting photographs. It was stressed that a commitment be made that mining would be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also needed to be revised. Also, the approved Mining Plan with Progressive Mine Closure Plan with rectified geo-coordinates has still not been submitted.

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

- The project proponent uploaded their reply in PARIVESH Portal on 07.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the additional condition that the premining situations regarding actual depth of baseflow below river bed level at five points - one central position and four on the boundary corners should be submitted at the time of EC application.

**II. Proposed Riverbed Sand Mining (MIN\_BNK\_04) over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 & 1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/424918/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

**Activities:**

- This is a proposal for riverbed sand mining of MIN\_BNK\_04 Sand Mine over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 &

1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, West Bengal.

- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	15.93	3.00	477900.00
2	15.93	2.202	350778.60
3	15.93	2.202	350778.60
4	15.93	2.202	350778.60
5	15.93	2.202	350778.60
<b>Total geological resources</b>			<b>1881014.40</b>

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

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	14.72	3.00	441600.00
2	14.72	2.202	324134.40
3	14.72	2.202	324134.40
4	14.72	2.202	324134.40
5	14.72	2.202	324134.40
<b>Total Mineable Reserve</b>			<b>1738137.60</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of the Events:**

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 05.04.2023.
- The PP was called for the ToR presentation in the 75<sup>th</sup> SEAC meeting held on 19.04.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that the **entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. But it was observed that the grant order uploaded did not contain the annexure

specifying the geo-coordinates of the plot. Moreover, undertaking regarding the need based activity from the PP along with other documents have not been uploaded. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Grant order for the plot specifying the geo-coordinates.
  - 2) 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.
  - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 1) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.
  - 5) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 4<sup>th</sup> meeting SEAC, WB (2023-2026) held on 21.06.2023.
  - Based on the submission made by the PP, the committee (SEAC) observed that the PP still did not submit satisfactory reply to the queries raised especially regarding point no. 8 that required submission of a study report on base flow level measured at 5 points with date and supporting photographs. It was stressed that a commitment be made that mining would be done at least 1m above the base flow level. Accordingly, if required, the excavation plan might also be revised.

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

- The project proponent uploaded their reply in PARIVESH Portal on 07.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the additional condition that the premining situations regarding actual depth of baseflow below river bed level at five points - one central position and four on the boundary corners should be submitted at the time of EC application.

**III. Proposed Riverbed Sand Mining (MIN\_BNK\_03) over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, West Bengal.**

**Proposal No.** SIA/WB/MIN/424823/2023  
**Project Proponent -** M/s. West Bengal Mineral Development & Trading Corporation Limited.  
**Environmental Consultant -** M/s. RSP Green Development & Laboratories Pvt. Ltd.

**Activities:**

- This is a proposal for riverbed sand mining of MIN\_BNK\_03 Sand Mine over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	13.50	3.00	405000.00
2	13.50	2.202	297270.00
3	13.50	2.202	297270.00
4	13.50	2.202	297270.00
5	13.50	2.202	297270.00
<b>Total geological resources</b>			<b>1594080.00</b>

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

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	11.79	3.00	353700.00
2	11.79	2.202	259615.80
3	11.79	2.202	259615.80

4	11.79	2.202	259615.80
5	11.79	2.202	259615.80
<b>Total Mineable Reserve</b>			<b>1392163.20</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### ***Chronology of the Events:***

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 04.04.2023.
  - The PP was called for the ToR presentation in the 75<sup>th</sup> SEAC meeting held on 19.04.2023.
  - Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **does not fall entirely within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. It was further observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan does not match with those mentioned in the Non-Cluster Certificate. Also, the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
- 2) Modified Mining Plan with Progressive Mine Closure Plan in accordance with the Non-Cluster Certificate from the competent authority.
  - 3) Grant order for the plot specifying the geo-coordinates.
  - 4) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc.) may also be uploaded.
  - 5) 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. Species of the plant selected

should have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.

- 8) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  - 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 12.06.2023, which was considered in the 4<sup>th</sup> meeting SEAC, WB (2023-2026) held on 21.06.2023.
  - Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the **PP did not submit satisfactory reply to the queries raised especially regarding point no. 8** that required submission of a study report with supporting photographs on base flow level measured at 5 points, clearly mentioning the date of field observations. The PP was also required to commit that mining will be done at least 1m above the base flow level, and if required, the excavation plan may also be revised. Also, an updated approved Mining Plan with Progressive Mine Closure Plan mentioning the rectified geo-coordinates was not submitted.

As such, the SEAC recommended that the PP should submit necessary documents / clarifications sought above to enable the SEAC to consider the project for issuance of ToR.

- The project proponent uploaded their reply in PARIVESH Portal on 07.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

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

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the additional condition that the premining situations regarding actual depth of baseflow below river bed level at five points - one central position and four on the boundary corners should be submitted at the time of EC application.

#### **IV. Proposed Riverbed Sand Mining (MIN\_BNK\_02) over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/424789/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

#### **Activities:**

- This is a proposal for riverbed sand mining of MIN\_BNK\_02 Sand Mine over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, West Bengal.

- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	14.14	3.000	424200.00
2	14.14	2.202	311362.80
3	14.14	2.202	311362.80
4	14.14	2.202	311362.80
5	14.14	2.202	311362.80
<b>Total geological resources</b>			<b>1669651.2</b>

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

Year	Total Area (ha)	Thickness (m)	Geological Resources (cu.m)
1	12.63	3.00	378900.00
2	12.63	2.202	278112.60
3	12.63	2.202	278112.60
4	12.63	2.202	278112.60
5	12.63	2.202	278112.60
<b>Total Mineable Reserve</b>			<b>1491350.4</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of the Events:**

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 04.04.2023.
- The PP was called for the ToR presentation in the 75<sup>th</sup> SEAC meeting held on 19.04.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that the **entire plot area** for the proposed project (as per the geo-coordinates mentioned in the approved Mining Plan) **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. But it was observed that the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Moreover, undertaking regarding the need based activity from the PP along with other

documents have not been uploaded. Therefore, the SEAC recommended that the following submissions / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Grant order for the plot specifying the geo-coordinates.
  - 2) 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.
  - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.
  - 6) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  - 7) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 4<sup>th</sup> meeting SEAC, WB (2023-2026) held on 21.06.2023.
  - 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 to the queries raised especially regarding point no. 8 that required submission of a study report on base flow level measured at 5 points with supporting photographs, clearly mentioning the date of field observations. The PP was also required to commit that mining will be done at least 1m above the base flow level, and if required, the excavation plan may also be revised.

The SEAC recommended that the PP should submit necessary documents / clarifications sought above to enable the SEAC to consider the project for issuance of ToR.

- The project proponent uploaded their reply in PARIVESH Portal on 07.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the additional condition that the premining situations regarding actual depth of baseflow below river bed level at five points - one central position and four on the boundary corners should be submitted at the time of EC application.

**V. Proposed riverbed sand mining of MIN\_BNK\_23 Sand Mine over an area of 8.25 ha (20.38 Acres) on the Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. & Block - Patrasayer, District: Bankura, West Bengal.**

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

**Activities:**

- This is a proposal for riverbed sand mining of MIN\_BNK\_23 Sand Mine over an area of 8.25 ha / 20.38 Acres on Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. Block - Patrasayer, District: Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 21.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 804960 m<sup>3</sup> of sand and geological reserve of 1021680 m<sup>3</sup>.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

**Chronology of the Events:**

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 06.04.2023.
- The PP was called for the ToR presentation in the 75<sup>th</sup> SEAC meeting held on 19.04.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of

Bankura district. However, it is observed that the geo-coordinates of the plot mentioned in the Non-Cluster Certificate is not matching with those mentioned in the Grant Order.

- Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
  - 1) Modified Non-Cluster Certificate in line with the Grant Order.
  - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 4) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
  - 5) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  - 6) A study report on base flow level measured at 5 points with date and supporting photographs may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 09.06.2023, which was considered in the 3<sup>rd</sup> meeting SEAC, WB held on 14.06.2023.

***SEAC Observations and Recommendations:***

- Based on the submission made by the PP, the committee (SEAC) noted that there is a **mismatch of geo-coordinates mentioned in the Non-Cluster Certificate and Grant Order compared to those mentioned in the approved 'Mining Plan with Progressive Mine Closure Plan'**. Moreover, it is also observed that the non-cluster certificate has been issued by the PP itself.

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

The above documents / clarifications should 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) Industry Sector:

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

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

#### **Activity:**

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

#### **Salient Features**

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

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

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

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

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

- 7) Storage area for the hazardous waste should be demarcated and care should be taken so that wash water from this area does not mix or spread.
- 8) Measures taken for rainwater harvesting.
- 9) Measures taken for control of emission including volatile organics. Chemical scrubbing may also be necessary.
- 10) EMP should be submitted as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered. Needs of the locals should be identified and no social component of the EMP should overlap with the mandatory requirements. Year-wise break-up is required.
- 11) A display board should be provided showing environmental parameters and beneficiary of the social part of the EMP.
- 12) Sl. No. 5 of the application form should be corrected.
- 13) Detailed report to be submitted regarding treatment of raw water. In all points, water meter with totalizer should be provided.
- 14) Height of ambient air quality monitoring stations.
- 15) Status of the present construction of the project along with the compliance of the conditions of the Consent to Establish issued by WBPCB vide Memo No. 63-ni-nc-0/19/0489 dated 18.09.2019.
- 16) Wildlife conservation plan should be made and authenticated from competent authority.

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

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

- The project proponent uploaded their reply in PARIVESH Portal on 13.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC observed that the PP has not submitted the DFO approved plantation plan drawing in a suitable scale. Hence the PP is requested to submit the above mentioned drawing. The site location of plantation with respect to project area should be submitted.

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

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

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

**2.2.2) Mining of Minerals (other than sand):**

- I. Proposed Jiyathol Quartz & Feldspar Mine over an area of 3.33 ha (8.23 Acres) at JL No. - 61, Plot No. – 1378(P), Mouza - Jiyathol, Block – Santuri, District - Purulia, West Bengal.**

<b>Proposal No.:</b>	<b>SIA/WB/MIN/412981/2023</b>
<b>Project Proponent:</b>	<b>M/s. Shri Sanjoy Mondal.</b>
<b>Environmental Consultant:</b>	<b>M/s. P and M Solutions</b>

**Activities:**

- This is a proposal for Jiyathol Quartz & Feldspar Mine over an area of 3.33 ha (8.23 Acres) at JL No. - 61, Plot No. – 1378, Mouza - Jiyathol, Block – Santuri, District - Purulia, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite ‘Mining Plan’ prepared for quartz and feldspar mining at the site by an RQP. The Plan has been approved by the State Government on 05.01.2022 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded valid Grant Order from the competent authority.
- **The PP has not uploaded cluster certificate** from the competent authority.

**Chronology of the Events:**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 22.02.2023.
- The PP was called for the EC presentation in the 72<sup>nd</sup> SEAC meeting held on 25.03.2023 and the PP presented their proposal in this meeting.

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  - i) Cluster certificate from the competent authority.
  - ii) The dag no. mentioned in the PFR and application form does not match with Lol and Approved Mining Plan.
  - iii) As per DSR of Purulia District, the geological reserves and mineable reserves for the project is shown as 317000 MT and 253600 MT while as per the approved Mine Plan the geological reserves is 449550 m<sup>3</sup> and mineable reserves mentioned is 573394 MT. Necessary clarification should be provided.
  - iv) Greenbelt plan and percentage.
  - v) Water supply and permission for the same.
  - vi) Need based EMP as per guidelines of MoEF&CC.
  - vii) Year wise waste generation and disposal. Disposal plan for over burden.
  - viii) Fencing should be provided around the water-filled old quarry.
  - ix) Silica-content should be monitored and the health check-up of the labours should be done regularly to check the effect of silica, if any.
- The project proponent uploaded their reply in PARIVESH Portal on 03.05.2023, which was considered in the 3<sup>rd</sup> meeting SEAC, WB held on 14.06.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the reply submitted by the PP regarding mismatch of mineral reserves, as per DSR and approved Mine Plan should be certified by the Competent Authority.
- Revised need-based activity should be submitted as per MoEF&CC O.M. vide F. No. 22-65/2017.IA.III dated 30.09.2020.
- The project proponent uploaded their reply in PARIVESH Portal on 07.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Having taken into account the salient features of the proposed project uploaded along with the application, and the presentation made by the PP/ Consultant, the SEAC **recommended that Environmental Clearance may be granted** to the proposed project. In addition to the standard EC conditions, it may be stipulated that the PP shall submit the actual program for need based activities conducted along with the financial outlay in the six-monthly compliance report. Also, the geotagged photographs of the plantation done should be submitted along with the six-monthly compliance report.

**II. Proposed Palsara Black Stone Mine-III over an area of 3.50 ha (8.66 acres) at Plot No. - 3162, 3163 (P), 3164, 3549 & 3834 (P), J. L. No. -121, Mouza: - Palsara, P.S. - Kashipur, District: - Purulia, West Bengal.**

Proposal No.  
Project Proponent -

SIA/WB/MIN/411367/2022  
M/s. West Bengal Mineral Development and  
Trading Corporation Limited.

Environmental Consultant -

M/s. RSP Green Development & Laboratories  
Pvt. Ltd.

**Activities:**

- This is a proposal for Palsara Black Stone Mine-III over an area of 3.50 ha (8.66 acres) at Plot No. - 3162, 3163 (P), 3164, 3549 & 3834 (P), J. L. No. -121, Mouza: - Palsara, P.S. - Kashipur, District: - Purulia, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for Black Stone mining at the site by an RQP. The Plan has been approved by the State Government on 01.08.2022 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Grant Order from the competent authority.
- The **PP has not uploaded cluster certificate** from the competent authority.
- The PP has informed that there is no litigation pending against the project.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

**Chronology of the Events:**

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 15.03.2023.
- The PP was called for the EC presentation in the 73<sup>rd</sup> SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration: -
  1. As per DSR of Purulia District, the mineral reserves for the project is shown as 6.83 lac tonne whereas in the approved Mine Plan the reserves are given as 741231 MT. Necessary clarification should be provided.
  2. Cluster certificate from the competent authority.
  3. Greenbelt plan and percentage. Species of trees should also be revised.
  4. Water supply and permission for the same.
  5. Revised need based EMP. List of schools/institutions and communication with schools/ institutions to be provided.
  6. Year wise waste generation and disposal plan for over burden.
  7. Dust-control plan should be provided with water requirement.
  8. Noise-pollution minimization plan.
  9. Fencing to be provided around water-filled quarry.

- The project proponent uploaded their reply in PARIVESH Portal on 19.05.2023, which was considered in the 3<sup>rd</sup> meeting SEAC, WB held on 14.06.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the reply submitted by the PP regarding mismatch of mineral reserves, as per DSR and approved Mine Plan should be certified by the Competent Authority.
- The project proponent uploaded their reply in PARIVESH Portal on 14.07.2023, which was considered in the 8<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 19.06.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC **recommended for Environmental Clearance** for the project with the following additional condition that the PP should submit the actual program for need based activities conducted along with the financial outlay in the six-monthly compliance report. Also, the geotagged photographs of the plantation done should be submitted along with the six-monthly compliance report.

**2.2.3) Mining of Minerals:**

- I. Proposed River Bed Sand Mining over an area of 0.47 ha (1.16 Acre) on the Dharala River at J.L. No. 75, Plot No. 367(LR), Mouza – Andaran Panishala, P.S. Mekhliganj, Dist- Coochbehar, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/415357/2023</b>
<b>Project Proponent -</b>	<b>Shri Afijul Mohammad.</b>
<b>Environmental Consultant -</b>	<b>M/s. Ultra-Tech.</b>

**Activities:**

- This is a proposal for riverbed sand mining over an area of 0.47 ha (1.16 Acre) on the Dharala River at J.L. No. 75, Plot No. 367(LR), Mouza- Andaran Panishala, P.S. Mekhliganj, Dist- Coochbehar, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The revised Mining Plan has been approved by the State Government on 03.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The **PP has not uploaded cluster certificate** from the competent authority.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

**Chronology of the Events:**

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 21.01.2023.
- The PP was called for the EC presentation in the 69<sup>th</sup> SEAC meeting held on 11.03.2023 and the PP presented their proposal in this meeting.
- Based on the presentation made by the PP, the committee observed that the cardinal geo-coordinates of the proposed project area (as reported in the approved Mining cum Progressive Mine Closure Plan), when plotted, showed that the area **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Coochbehar district. Having also considered the other relevant features of the proposed project, the SEAC recommended that the following submissions/clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration:-
  - 1) Cluster certificate from the competent authority should be submitted.
  - 2) Taking into consideration the replenishment rates reported in the approved DSR for Coochbehar, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
  - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
  - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
  - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
  - 6) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc.) may also be uploaded.
  - 7) A study report on 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 29.05.2023, which was considered in the 2<sup>nd</sup> meeting SEAC, WB held on 07.06.2023.
- The sand is located not in cluster with any adjoining sand block. Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the revised production as per the DSR submitted by the PP should be incorporated in the approved Mining cum Progressive Mine Closure Plan.

Hence, the PP should submit revised Mining cum Progressive Mine Closure Plan accordingly.

- The project proponent uploaded their reply in PARIVESH Portal on 10.07.2023, which was considered in the 8<sup>th</sup> meeting SEAC, WB (2023-2026) held on 19.07.2023.

**SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the SEAC **recommended for Environmental Clearance** for the project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:-
  - Actual depth of baseflow below riverbed level at four points on the boundary corners should be submitted during submission of six monthly compliance reports.
  - Status of the need-based activities to be reported during six monthly progress report.
  - Basic amenities, safety and occupational health examinations for labourers to be provided.
  - 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. Geotag photographs of actual plantation done to be submitted along with six monthly compliance reports. Geotag photographs of actual plantation done to be submitted along with six monthly compliance reports.

**Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the eighth meeting held on 19.07.2023 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)		
1.1.1) Construction Sector		
I.	M/s. Smart Vanijya Private Limited. Proposed expansion of a Residential Complex at Plot Nos. – 1487 (P), 1497(P), 1498, 1499(P), 1500(P), 1501 - 1503, 1507 - 1515, 1516(P), 1517(P), at Kadamtala, Khatian No. – 1839 - 1843, 1920 - 1924, Mouza – Baramohan Singh, J.L. No. – 71, Pargana – Patharghata, Asia Highway – 2, Pin – 734011, West Bengal. (Violation Case) (Proposal No.: SIA/WB/INFRA2/425246/2023)	Recommended for Terms of Reference under violation category.
1.2) Environmental Clearance		
1.2.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Raiganj Sand Mine (MIN_UD_2) over an area of 1.62 ha (4.003 acres) in the Nagri River at J.L. No. – 01, Plot No. 376, Mouza – Kuliara Anantapur, Village – Kuliara	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	Anantapur, PS – Karandighi, District – Uttar Dinajpur, West Bengal. (Proposal No.: SIA/WB/MIN/435520/2023)	
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Betgara Sand Mine (MIN_JPG_14) over an area of 2.97 ha (7.34 acres) in the Jaldhaka River at J. L. No. – 48, Plot No. 1597, Mouza – Betgara, Village – Betgara, PS – Maynaguri, District – Jalpaiguri, West Bengal. (Proposal No.: SIA/WB/MIN/435402/2023)	Recommended for Environmental Clearance
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Puncha Sand Mine (MIN_PUR_7) over an area of 1.76 ha (4.34 acres) in the Kangshabati River at J. L. No. – 39, Plot No. 2774 (p), Mouza – Kaira, Village – Kaira, Police Station – Puncha, District – Purulia, West Bengal. (Proposal No.: SIA/WB/MIN/435391/2023)	Recommended for Environmental Clearance
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Char Churabhandar Sand Mine (MIN_JPG_16) over an area of 4.84 ha (11.96 acres) in the Jaldhaka River at J. L. No. – 83, Plot No. 1101, Mouza – Char Churabhandar, Village – Char Churabhandar, Police Station – Maynaguri, District – Jalpaiguri, West Bengal. (Proposal No.: SIA/WB/MIN/435381/2023)	Recommended for Environmental Clearance
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Dhaolaguri Sand Mine (MIN_JPG_15) over an area of 4.69 ha (11.59 acres) in the Jaldhaka River at J. L. No. – 76, Plot No. 2067, Mouza – Dhaolaguri, Village – Dhaolaguri, Police Station – Maynaguri, District – Jalpaiguri, West Bengal. (Proposal No.: SIA/WB/MIN/435269/2023)	Recommended for Environmental Clearance
2. Reconsideration		
2.1) Terms of Reference		
2.1.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_52) over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766,	Recommended for Terms of Reference

Sl. No.	Name of the unit and Project address	Summary Decision
	1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424978/2023)	
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_04) over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 & 1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424918/2023)	Recommended for Terms of Reference
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_03) over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424823/2023)	Recommended for Terms of Reference
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_02) over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424789/2023)	Recommended for Terms of Reference
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed riverbed sand mining of MIN_BNK_23 Sand Mine over an area of 8.25 ha (20.38 Acres) on the Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. & Block - Patrasayer, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424773/2023)	Additional Details Sought
2.2) Environmental Clearance		
2.2.1) Industry Sector		
I.	M/s. Sika India Pvt. Ltd. Proposed expansion of polymer grade product at Plot No. F2/1, Vidyasagar Industrial Park, Mouza – Japhala, J.L.No. – 230, Kharagpur, Dist – West Medinipur, West Bengal. (Proposal No. SIA/WB/IND3/69003/2021)	Additional Details Sought
2.2.2) Mining of Minerals (other than sand):		

Sl. No.	Name of the unit and Project address	Summary Decision
I.	M/s. Shri Sanjoy Mondal. Proposed Jiyathol Quartz & Feldspar Mine over an area of 3.33 ha (8.23 Acres) at JL No. - 61, Plot No. – 1378(P), Mouza - Jiyathol, Block – Santuri, District - Purulia, West Bengal. (Proposal No. SIA/WB/MIN/412981/2023)	Recommended for Environmental Clearance
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Palsara Black Stone Mine-III over an area of 3.50 ha (8.66 acres) at Plot No. - 3162, 3163 (P), 3164, 3549 & 3834 (P), J. L. No. -121, Mouza: - Palsara, P.S. - Kashipur, District: - Purulia, West Bengal. (Proposal No. SIA/WB/MIN/411367/2022)	Recommended for Environmental Clearance
2.2.3) Mining of Minerals:		
I.	Shri Afijul Mohammad. Proposed River Bed Sand Mining over an area of 0.47 ha (1.16 Acre) on the Dharala River at J.L. No. 75, Plot No. 367(LR), Mouza- Andaran Panishala, P.S. Mekhliganj, Dist- Coochbehar, West Bengal. (Proposal No. SIA/WB/MIN/415357/2023)	Recommended for Environmental Clearance

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

Sd/-

(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.) Suchandra Bardhan)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Indranath Sinha)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)

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